REPORT

2025 Annual Groundwater Monitoring and Corrective Action Report

Georgia Power Company - Plant Scherer Cell 1 and PAC Ash Cell
Permit No. 102-009D(CCR)

Submitted to:

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Summary

This *2025 Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Company - Plant Scherer Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (Cell 1 and PAC Ash Cell, the Site), Juliette, Monroe County, Georgia (GA), provides the status of groundwater monitoring and corrective program from January through December 2025. Groundwater monitoring and reporting for Cell 1 and PAC Ash Cell is performed by WSP USA Inc. (WSP) in accordance with the United States (US) Environmental Protection Agency (EPA) Coal Combustion Residuals (CCR) Rule published in the Code of Federal Regulations Title 40 Part 257 (40 CFR Part 257, Subpart D) dated April 17, 2015, and revised July 2018, 40 CFR § 257.90 through § 257.98. As required in 40 CFR § 257.90(e), this Annual Report describes the status of the groundwater monitoring program, summarizes key actions completed, and presents projected key activities for the upcoming year for Cell 1 and PAC Ash Cell. The other CCR unit (Ash Pond 1) at Plant Scherer is reported separately.

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately 5 miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette.

Plant Scherer Cell 1 and PAC Ash Cell

Groundwater at the Site is monitored with a comprehensive well network system comprised of upgradient and downgradient wells for each CCR Unit that meet federal and state monitoring requirements. Routine sampling and reporting for Cell 1 and PAC Ash Cell began in 2010 when the landfill was originally permitted. Monitoring for CCR Appendix III constituents commenced after background groundwater conditions were established between 2016 and 2018. On May 9, 2023, the GA Environmental Protection Division (GA EPD) approved the CCR Solid Waste Handling Permit 102-009D (CCR) for the Cell 1, Cell 2, Cell 3, and PAC Ash Cell.

Groundwater monitoring events for Cell 1 and PAC Ash Cell were conducted in February 2025 and July-August. Resampling of several Cell 1 and PAC Ash Cell detection monitoring wells were conducted in April and October 2025 for select constituents. In addition, background sampling was conducted at Cell 3 in February and July 2025 and data collected will be used as part of the background data population for statistical analyses. Groundwater elevation measurements were recorded from the Site monitoring wells and piezometers prior to the semi-annual

sampling events to confirm groundwater flow direction, and to confirm that the groundwater monitoring well network for the CCR units remains sufficient to monitor groundwater downgradient of the unit.

Groundwater samples were collected and analyzed for Appendix I and III CCR constituents from each of the monitoring wells. The February semi-annual sampling and the April resampling event are together referred to as the February 2025 sampling event. The July-August semi-annual sampling and the October resampling events are together referred as the July-August 2025 sampling event.

Analytical data from the 2025 semi-annual monitoring events have been statistically analyzed in accordance with the Site's certified statistical analysis method. Results from the February and July-August 2025 semi-annual monitoring events including verification resamples conducted in April and October 2025 indicate statistically significant increases (SSIs) above background for Appendix I and III CCR parameters as summarized below.

Cell 1 Appendix I and III Constituents	**February and April 2025**	**July-August and October 2025**
Barium	GWC-4	GWC-4
Calcium	GWC-4, GWC-7, GWC-9, and GWC-19, and GWC-20	GWC-4, GWC-7, GWC-19, and GWC-20
Chloride	GWC-4	GWC-4, GWC-7
Chromium	GWC-7	GWC-7
Selenium	GWC-4	GWC-4
Sulfate	GWC-3, GWC-4, GWC-6, and GWC-9	GWC-3, GWC-4, GWC-7
Total Dissolved Solids (TDS)	GWC-4	GWC-4, GWC-7
PAC Ash Cell Appendix I and III Constituents	**February 2025**	**July-August and October 2025**
Chloride	none	GWC-53
Sulfate	GWC-53	none

The ASDs for the second 2024 and the first 2025 semi-annual events are presented in Appendix F. Prior documented ASDs are included in Annual Groundwater Monitoring Reports. Based on the statistical data results and supporting documentation presented in the ASDs, Georgia Power will continue detection monitoring and reporting at the Site. Reports will be posted to the website and provided to the Georgia Environmental Protection Division (GA EPD) semi-annually. The next semi-annual monitoring event is tentatively scheduled for February 2026.

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Certification Statement

This *2025 Annual Groundwater Monitoring and Corrective Action Report, Plant Scherer Cell 1 and PAC Ash Cell* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with WSP USA Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

WSP USA Inc. certifies that monitored constituents were below the applicable Georgia maximum contaminant levels.

WSP USA Inc.

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1.0 INTRODUCTION

This *2025 Annual Groundwater Monitoring and Corrective Action Report* has been prepared by WSP USA Inc. (WSP) to present results of each semi-annual monitoring event conducted in February and July-August 2025, and the verification resampling conducted in April and October 2025 for Georgia Power's Plant Scherer Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (collectively, the Site). Monitoring and reporting for Plant Scherer was performed in accordance with the monitoring program requirements of the Georgia (GA) Department of Natural Resources Environmental Protection Division (GA EPD) Chapter 391-3-4-.10 Solid Waste Management; Solid Waste Permit 102-009D(CCR); and the associated *Groundwater Monitoring Plan* (GWMP), dated February 2023 (WSP, 2023) and approved by GA EPD on May 9, 2023.

1.1 Site Description and Background

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately 5 miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette. The plant is primarily surrounded by agricultural and residential use. Figure 1 depicts the location of Plant Scherer relative to the surrounding area.

The Plant Scherer Landfill consists of two active cells, namely, Cell 1 and PAC Ash Cell, and future Cells 2 and 3. The two active cells have been utilized since 2011 for CCR. A third landfill unit, Cell 3, is under construction and is undergoing background sampling. The total associated landfill area occupies approximately 325 acres along the northern portion of the property. Figure 2 depicts the general configuration of the landfill units and Site monitoring wells.

The Site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges. Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1). The landfill is situated east/southeast of the ash pond which is in a topographically high area on the property. The landfill cells have a geosynthetic clay liner and a geomembrane, and a leachate collection and removal system in place.

1.2 Regional and Site Geology and Hydrogeologic Setting

This subsection presents a general description of regional geologic and hydrogeologic characteristics of formations that occur beneath the Site. Information presented in this subsection is based on published literature, discussion with local geologic experts, and experience working in this geologic terrain. The *Hydrogeologic Assessment Report* (WSP 2024a) provides further details.

Plant Scherer is located within the center of the East Juliette, GA United States Geological Survey (USGS) 7.5-minute topographic quadrangle. The Piedmont/Blue Ridge geologic province contains some of the oldest rocks in the Southeastern United States. Since their origin, approximately 276 to 1,100 million years ago (Ma), these late Precambrian (Neoproterozoic) to late Paleozoic (Permian) rocks have undergone repeated cycles of igneous intrusions and extrusions, metamorphism, folding, faulting, shearing, and silicification. The latest regional metamorphism and associated deformation have been attributed to the collision of the North America plate with the Eurasian plate approximately 200 to 230 Ma. Later deformation and emplacement of mafic dikes is associated with the rifting of the North American craton during the Mesozoic and Cenozoic Eras.

The metamorphic and igneous rocks that underlie the area have been subjected to physical and chemical weathering which has created a landscape dissected by creeks and streams forming a dendritic drainage pattern.

These rocks are deeply weathered due to the humid climate and bedrock is typically overlain by a variably thick blanket of residual soils and saprolite. The overall depth of weathering in the Piedmont/Blue Ridge is generally about 20 to 60 feet; however, the depth of weathering along discontinuities and/or very feldspathic rock units may extend to depths greater than 100 feet. Because of such variations in rock types and structure, the depth of weathering can vary significantly over short horizontal distances.

The uppermost groundwater aquifer is within the overburden (residual soils and saprolite) at the Site. Boring logs and monitoring/piezometer installation logs were used to evaluate the hydrostratigraphy of the Site. Material types identified included residual soils, saprolitic soils, saprolitic rock (or partially weathered rock if blow counts were provided), transitionally weathered rock, and upper bedrock. Residual soils, primarily sandy silt, silty sand, sandy clay, and silty clay occur as a variably thick blanket overlying bedrock across most of the Site. The thickness of the soil encountered in the borings is variable, ranging from little to no soil where outcrop is encountered at the surface, to as much at 168 feet. Thickness of saprolitic soils and/or saprolitic rock are also variable across the Site. The saturated thickness of the overburden material ranges from 2 to over 40 feet. The screen/filter pack interval of most of the Site piezometers and monitoring wells is located within the overburden regional surficial aquifer (i.e., the water-bearing unit beneath Cell 1 and PAC Ash Cell).

Field hydraulic conductivity tests (i.e., slug tests) performed in a variety of geologic materials on site indicate an average horizontal hydraulic conductivity of 2.27 feet/day (ft/day), and a median of 1.29 ft/day (WSP, 2024a). This hydraulic conductivity is generally consistent with regional measurements within Piedmont overburden (Heath, 1982)

1.3 Groundwater Monitoring Well Network

A groundwater monitoring network for the units monitors the groundwater passing the waste boundary of Cell 1 and PAC Ash Cell within the uppermost aquifer. Wells are located to serve as upgradient, and downgradient wells based on groundwater flow direction as determined by the potentiometric surface elevation contour maps. Table 1 presents the pertinent well construction details for the active landfill cells at Plant Scherer.

2.0 DETECTION MONITORING ACTIVITIES

The following subsections describe monitoring-related activities performed during the calendar year 2025 including two semi-annual events conducted in February and July-August 2025, as well as verification resampling of selected Cell 1 wells in April and October 2025. During the first semi-annual monitoring period, WSP collected groundwater, surface water, and effluent samples between February 24 to 26, 2025. A verification resampling event for analysis of select constituents in several Cell 1 monitoring wells (GWC-3, GWC-4, GWC-6, GWC-9, and GWC-19) was conducted on April 22 and 23, 2025. During the second semi-annual monitoring period, WSP collected groundwater, surface water and effluent samples between July 23 and August 1, 2025. Resampling of Cell 1 wells GWC-1, GWC-4, GWC-7, GWC-18, GWC-19, and GWC-20; and PAC Ash well GWC-53 was conducted on October 20 and 21, 2025 for analysis of selected constituents. Table 2 presents the status of the monitoring well network for each unit. Tables 5A through 5H present analytical results collected during the calendar year 2025.

Groundwater monitoring activities for wells near Cell 3, which is under construction, have been limited to semi-annual water level measurements and sampling to establish background groundwater quality data. During the February and July-August 2025 event, samples from sixteen (16) monitoring wells (GWA-39 through GWA-44A, GWA-54 and GWC-30 through GWC-38) were collected for analysis of the permit-specified semi-annual

monitoring parameters as well as Appendix III and Appendix IV monitoring parameters per 40 CFR Parts 257 and 261. Analytical data for Cell 3 are provided in Appendix B and in Tables 5E and 5F.

Environmental monitoring field data sheets are included in Appendix A. Field data and sampling notes for each monitoring well are recorded on the field information forms, which contain a description of the sampling equipment, calibration logs, sampling method, purge rate, field observations, and depth to water measurements at each monitoring location. Groundwater analytical data, chain of custody records, and data validation summaries are presented in Appendix B.

2.1 Monitoring Well Installation and Maintenance

There was no change to the groundwater monitoring system in the 2025; the network remained the same as in the previous reporting year. Monitoring-related activities included a visual inspection of well conditions prior to sampling, recording the Site conditions, and performing exterior maintenance to provide safe access for sampling.

Monitoring wells are inspected semi-annually to determine if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In February and July 2025, monitoring wells were inspected and documented on well condition summary forms included in Appendix C. Necessary corrective actions completed for Site monitoring wells were identified and subsequently completed, as documented in the Well Maintenance and Repair Documentation Memorandum, included in Appendix C. This documentation was performed under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Detection Groundwater Monitoring

A detection monitoring well network has been established for Cell 1 and PAC Ash Cell at Plant Scherer. Detection monitoring is performed on a semi-annual basis in accordance with the approved GA EPD Solid Waste Permit No. 102-009D(CCR) and the associated *Groundwater Monitoring Plan*, which was approved by GA EPD on May 9, 2023. Groundwater samples from wells in the detection monitoring system were analyzed for the permit-specified semi-annual monitoring parameters as well as Appendix III monitoring parameters per 40 CFR Parts 257 and 261.

2.3 Surface Water Monitoring

Small tributaries traverse the Site to the Ocmulgee River, which is located approximately 3,000 feet east of the facility boundary. Nine locations, as shown on Figure 2, are sampled semi-annually to evaluate the surface water quality of these tributaries. While in detection monitoring, Appendix III constituents and other permit specified constituents will be included in semi-annual monitoring events at Cell 1 and PAC Ash Cell. Surface water sampling locations SWC-5 and SWC-9 were dry at the time of sampling, and therefore, no sample was collected from these two locations for the February 2025 semi-annual monitoring event. Similarly, surface water sampling locations SWC-5, SWC-6, SWC-8, and SWC-9 were dry at the time of sampling, and therefore, no samples were collected from these four locations for the July-August 2025 semi-annual monitoring event. Tables 5G and 5H present the surface water analytical results for samples collected during both 2025 monitoring events and laboratory results for the 2025 events are provided in Appendix B and historical surface water analytical results are provided in Appendix D.

2.4 Effluent Monitoring

Effluent monitoring is performed semi-annually. The effluent sample was collected in February and July 2025 from the point of discharge of the flue gas desulfurization (FGD) waste stream. The FGD sample was analyzed for permit-specified semi-annual monitoring parameters, and laboratory results are provided in Appendix B.

2.5 Additional Sampling

Additional sampling was conducted during the reporting period in support of alternate source demonstrations (ASDs) documented for the Site. Additional sampling included major ions (magnesium, potassium, sodium, total and bicarbonate alkalinity) for each of the detection monitoring wells for Cell 1 and PAC Ash Cell, and laboratory results are provided in Appendix B.

3.0 SAMPLE METHODOLOGY AND ANALYSIS

The following sections describe methods used to conduct groundwater monitoring at Cell 1 and PAC Ash Cell.

3.1 Groundwater Level Measurements

Prior to sampling, WSP recorded groundwater elevations from each well and piezometer on February 18, 2025 and July 22, 2025. Groundwater elevation data are summarized in Table 3. The recorded water level data were used to develop potentiometric surface elevation contours that are presented on Figures 3A through 3C. The groundwater flow directions shown on Figures 3A through 3C are inferred from the potentiometric surface, indicating that groundwater generally flows south-southeast across the Cell 1 and PAC Ash Cell units, which is consistent with historical observations.

3.2 Groundwater Gradient and Flow Velocity

Groundwater flow rates at the Site were calculated based on hydraulic gradients, hydraulic conductivity from previous slug test results, and an estimated effective porosity of the screened horizon. Based on slug test data at the Site, an average hydraulic conductivity value of 2.27 feet per day (ft/day) and median hydraulic conductivity value of 1.29 ft/day are used in the flow calculations. The hydraulic gradients were calculated between well pairs as shown in Tables 4A and 4B. An effective porosity of 0.20 was used based on the default values for effective porosity recommended by US EPA for a silty sand-type soil (US EPA, 1996).

Horizontal flow velocity was calculated using the commonly used derivative of Darcy's Law:

$$V = \frac{K * i}{n_e}$$

Where:

$V =$ Groundwater flow velocity $\left(\frac{feet}{day}\right)$

$K =$ Hydraulic Conductivity of the aquifer $\left(\frac{feet}{day}\right)$

$i =$ Horizontal hydraulic gradient $\left(\frac{feet}{feet}\right)$

$n_e =$ Effective porosity

Using this equation and groundwater elevations collected during both February and July 2025, horizontal groundwater velocities are calculated for various areas of the Site and shown in Tables 4A and 4B.

As presented in Tables 4A and 4B, groundwater flow velocity at the Site ranges from approximately 0.12 to 0.39 feet/day (approximately 42 to 141 feet/year) in February 2025, and from approximately 0.12 to 0.37 feet/day

(approximately 42 to 137 feet/year) in July 2025 across Cell 1 and PAC Ash Cell. These calculated groundwater velocities across the Site are consistent with historical calculations.

3.3 Groundwater Sampling

Groundwater samples were collected from Site detection monitoring wells in February and July-August 2025. Verification sampling events were conducted in April and October 2025 for several monitoring wells for select constituents. Results from the semi-annual sampling events in February and July-August 2025 and verification sampling in April and October 2025 are presented in Tables 5A through 5F. This includes the routine detection sampling at Cell 1 and PAC Ash Cell wells and background sampling at Cell 3 wells.

Monitoring wells were purged and sampled using low-flow sampling procedures. Non-dedicated, low-flow pneumatic bladder pumps were used to purge and sample the wells. Non-dedicated equipment was decontaminated in accordance with applicable US EPA operating procedures (US EPA, 2020a). During the purging of each well, field measurements of temperature, specific conductance, dissolved oxygen (DO), pH, and oxidation-reduction potential (ORP) were recorded using a SmarTroll© (In-Situ® field instrument) or an Aqua TROLL 400 along with a separate turbidity meter to verify stabilization. Groundwater samples were collected when the following general stabilization criteria were met:

- 0.1 standard units (S.U.) for pH
- 5% for specific conductance
- 0.2 milligrams per liter (mg/L) for DO or 10% if DO > 0.5 mg/L (whichever is greater)
- Turbidity less than 5 Nephelometric Turbidity Units (NTU)

Field data and sampling notes for each monitoring well are recorded on field sampling forms, which contain a description of the sampling equipment, sampling method, purge rate, field observations, and depth to water measurements at each monitoring location. Deviations from stabilization criteria, if applicable, are identified on field sampling forms. Following well stabilization, unfiltered samples were collected directly into appropriately preserved, laboratory-supplied sample containers, placed in iced coolers, and submitted to the laboratory following standard chain-of-custody protocol. Field data forms (“Low-Flow Test Reports”) generated directly from the SmarTroll© or Aqua TROLL 400, field sampling forms, and daily instrument calibration logs are included in Appendix A. Chain-of-Custody records are provided in Appendix B.

3.4 Surface Water Sampling

During the 2025 sampling events, surface water locations SWA-1 through SWA-3 and SWC-4 through SWC-9 were sampled, except when dry, using applicable US EPA operating procedures (US EPA, 2021). No surface water samples were collected at locations SWC-5 and SWC-9 during February 2025 or SWC-5, SWC-6, SWC-8, and SWC-9 during July 2025 as these locations were dry at the time of sampling. Surface water samples were analyzed for target parameters, as indicated in the GWMP. The results of both semi-annual surface water sampling events are provided in Tables 5G and 5H. A tabular summary of historical surface water monitoring results is presented in Appendix D and includes data from the current monitoring event as well as each of the historical monitoring events.

Review of Tables 5G and 5H and a comparison of upstream to downstream results indicate no significant changes in surface water chemistry downstream of the landfill. Thus, there is no evidence of landfill impacts to surface water at the Site.

3.5 Effluent Sampling

During this sampling event, one effluent sample was collected from the point of discharge of the FGD waste stream for Cell 1. The FGD effluent sample was analyzed for permit-specified semi-annual monitoring parameters. Results of the FGD effluent sample collected on February 26, and July 30, 2025, are provided in Appendix B.

3.6 Laboratory Analyses

Cell 1, PAC Ash Cell, and Cell 3 monitoring wells were sampled and analyzed for applicable state and federal monitoring parameters pursuant to the GWMP. Analytical methods used for groundwater monitoring parameters are provided in laboratory reports in Appendix B.

Laboratory analyses were performed by Eurofins Environmental Testing (Eurofins) located in St. Louis, Missouri and Savannah and Atlanta, Georgia, which are accredited by National Environmental Laboratory Accreditation Program (NELAP) and maintains a NELAP certification for all parameters analyzed for this project. In addition, Eurofins laboratories are certified by the State of Georgia to perform analyses. Groundwater data and chain of custody records for the monitoring events are presented in Appendix B.

3.7 Quality Assurance and Quality Control

During each sampling event, quality assurance/quality control (QA/QC) samples were collected at a rate of one sample per every 10 samples. Equipment blanks (collected where non-dedicated sampling equipment is used), field blanks, and duplicate samples were collected during this sampling event. QA/QC sample data were evaluated during data validation and are included in Appendix B.

A value followed by a "J" flag in tables and laboratory reports indicate that the value is an estimated analyte concentration detected between the method detection limit (MDL) and the laboratory reporting limit (RL). The estimated value is positively identified but is below the lowest concentration that can be reliably quantified within specified limits of precision and accuracy under routine laboratory operating conditions.

Groundwater quality data in this report were independently validated in accordance with US EPA Region 4 Data Validation Standard Operating Procedures (US EPA, 2011a and 2011b), National Functional Guidelines for Inorganic Superfund Methods Data Review (US EPA, 2020b) and the analytical methods. Data validation generally consisted of reviewing sample integrity, holding times, laboratory method blanks, laboratory control samples, matrix spikes/matrix spike duplicate recoveries, relative percent differences (RPDs), laboratory and field duplicate RPDs, field and equipment blanks, and reporting limits. Where appropriate, validation qualifiers and flags were applied to the data per US EPA procedures and guidance. Data validation summary reports prepared by WSP are included in Appendix B. Flagged data identified in the statistical analysis reports are described in the following section.

4.0 STATISTICAL ANALYSES

Statistical analysis of groundwater monitoring data was performed on samples collected from the groundwater monitoring network following the appropriate certified statistical methodology following each sampling event.

4.1 Statistical Methods

The selected statistical method for Cell 1 and PAC Ash Cell was developed using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance,* March 2009, US EPA 530/R-09-007 (Unified Guidance). Sanitas Statistical Software (Sanitas™) was used to perform the statistical analyses. Sanitas™ is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by US EPA regulations and guidance as recommended in the Unified Guidance (US EPA, 2009).

Groundwater quality data for Cell 1 and PAC Ash Cell were evaluated using a combination of interwell and intrawell prediction limits for required parameters. Intrawell methods utilize historical data from within a given well to establish a statistical limit for comparison of compliance data. As a result, each parameter will have a different statistical limit for each well. Data from the first and second semi-annual detection monitoring events in 2025 are compared to the calculated statistical limits (utilizing historical data through December 2022 in applicable cases for Cell 1 and August 2022 for PAC Ash Cell) to determine whether any concentrations exceed background levels. Interwell statistical analyses pools upgradient data to calculate a prediction limit for which downgradient data is compared. The selected statistical method(s) uses an optional 1-of-2 verification resample plan. When an initial statistically significant increase (SSI) or questionable result occurs, a second sample may be collected to verify the initial result or determine if the result was an outlier. If the initial finding was not verified by resampling, the resampled value replaced the initial finding. When the resample confirms the initial finding, both values remain in the database and an SSI is declared.

Intrawell prediction limits are constructed from historical data within a given well, and the most recent sample is compared to background. Intrawell statistical methods are a conservative first step that may be overly sensitive to natural variation, particularly for constituents at low or near background concentrations that can vary naturally with variations in groundwater flow conditions. Therefore, for instances where an apparent SSI is identified by intrawell statistical methods, interwell statistical methods may be used as a reasonable second step to determine if the initial exceedance is below Site-wide background.

4.2 Statistical Analysis Results

The calculated prediction limits and the statistical analysis (Sanitas™) results are included in Appendix E. Following the statistical methods described above, including the two-step analyses for the February and July-August 2025 and the verification sampling events in April and October 2025, the statistical results for 2025 monitoring events are summarized below.

4.2.1 February and April 2025 Statistical Analysis Results

Following the statistical methods described above, including the two-step analyses, the following table presents the SSIs noted following the first semi-annual 2025 monitoring event including both the February and April 2025 sampling events.

February and April 2025 Statistically Significant Increase Summary

Well	Parameter	February / April 2025[1] Concentration (mg/L)	Intrawell Upper Prediction Limit (mg/L)	Interwell Upper Prediction Limit (mg/L)
Cell 1				
GWC-3	Sulfate	20 / 18	1.1	3.6
GWC-4	Barium	0.15 / 0.19	0.05318	0.051
GWC-4	Selenium	0.0076 / 0.0091	0.005	0.005
GWC-4	Calcium	46 / 60	17.6	15
GWC-4	Chloride	28 / 45	16.42	7.2
GWC-4	Sulfate	150 / 180	6.288	3.6
GWC-4	TDS	350 / 470	178.1	136.9
GWC-6	Sulfate	30 / 38	22.26	3.6
GWC-7	Chromium	0.024	0.02	0.012
GWC-7	Calcium	19	17.69	15
GWC-9	Calcium	34	23	15
GWC-9	Sulfate	19	18.9	3.6
GWC-19	Calcium	18 / 20	15.99	15
GWC-20	Calcium	18	17.52	15
PAC Ash Cell				
GWC-53	Sulfate	190	189.3	180

[1] Where only a single value is shown, the analyte was not included during resampling.

Concentrations of Appendix I and Appendix III constituents are below respective background limits for each of the Cell 1 and PAC Ash Cell monitoring wells during the February semi-annual 2025 monitoring event with the exceptions noted above. Apparent statistical exceedances for barium, chromium, selenium, calcium, chloride, sulfate, and TDS are noted for select monitoring wells at Cell 1. A single statistical exceedance for sulfate was identified in a PAC Ash Cell monitoring well. Reported concentrations at the locations noted above remain below the applicable maximum contaminant levels (MCLs).

4.2.2 July-August and October 2025 Statistical Analysis Results

Following the statistical methods described above, including the two-step analyses, the following table presents the SSIs noted following the second semi-annual 2025 monitoring event including both the July-August and October 2025 sampling events.

July-August and October 2025 Statistically Significant Increase Summary

Well	Parameter	July-August and October 2025[1] Concentration (mg/L)	Intrawell Upper Prediction Limit (mg/L)	Interwell Upper Prediction Limit (mg/L)
Cell 1				
GWC-3	Sulfate	16	1.1	3.6
GWC-4	Barium	0.19 / 0.16	0.05318	0.051
GWC-4	Calcium	59 / 65	17.6	15
GWC-4	Chloride	48 / 49	16.42	7.2
GWC-4	Selenium	0.0090 / 0.020	0.005	0.005
GWC-4	Sulfate	200 / 220	6.288	3.6
GWC-4	TDS	590 / 490	178.1	144.4
GWC-7	Chromium	0.023 / 0.027	0.02	0.012
GWC-7	Calcium	18 / 21	17.69	15
GWC-7	Chloride	9.5 / 11	4.9	7.2
GWC-7	Sulfate	6.4 / 9.2	1.5	3.6
GWC-7	TDS	230 / 170	159.4	144.4
GWC-19	Calcium	40 / 17	15.99	15
GWC-20	Calcium	18 / 18	17.52	15
PAC Ash Cell				
GWC-53	Chloride	16 / 16	15.26	14

[1] Where only a single value is shown, the analyte was not included during resampling.

Concentrations of Appendix I and Appendix III constituents are below respective background limits for each of the Cell 1 and PAC Ash Cell monitoring wells during the second semi-annual 2025 monitoring event with the exceptions noted above. Statistical exceedances for barium, chromium, selenium, calcium, chloride, sulfate, and TDS are noted for select monitoring wells at Cell 1. A statistical exceedance for chloride was identified in a PAC Ash Cell monitoring well. Reported concentrations at the locations noted above remain below the applicable drinking water maximum contaminant levels (MCLs).

5.0 ALTERNATE SOURCE DEMONSTRATIONS

In response to the February and April 2025 SSIs of barium, calcium, chloride, chromium, selenium, sulfate, and TDS at various wells downgradient of Cell 1 and SSI of sulfate at well downgradient of PAC Ash Cell , an ASD was submitted on November 26, 2025 following the options of 40 CFR § 257.95 and 391-3-4-.10(6) and is included in Appendix F. The ASD concluded that the statistical exceedances above background identified following the February and April 2025 monitoring/resampling events are the result of natural variability in groundwater chemistry and at GWC-4 also due to a leak from the Clear Pool indicated by an electric liner leak

(ELL) detection survey performed in August 2025. The SSIs reported for the July-August and October 2025 monitoring/resampling events (barium, calcium, chloride, chromium, selenium, sulfate, and TDS) will be addressed in a forthcoming ASD under separate cover.

PREVIOUS SITE ALTERNATE SOURCE DEMONSTRATIONS

ASDs have been previously submitted to GA EPD to address prior SSIs above background for Appendix I and Appendix III constituents at the Site. Based on GA EPD guidance, many of these ASDs no longer require concurrence because constituents have not been detected above background for two consecutive events, supporting the determinations of natural variability presented in those ASDs. The SSIs that have been identified within the past 12 months (2 previous sampling events) and have been addressed by ASDs are listed below.

Alternate Source Demonstration	Constituent	Well
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR), 2024 Second Semi-Annual Event, May 1, 2025	Barium	GWC-4
	Calcium	GWC-4
	Calcium	GWC-7
	Calcium	GWC-9
	Calcium	GWC-19
	Calcium	GWC-20
	Chloride	GWC-4
	Chromium	GWC-7
	Sulfate	GWC-3
	Sulfate	GWC-4
	Sulfate	GWC-9
	Sulfate	GWC-10[1]
	TDS	GWC-4
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR), 2025 First Semi-Annual Event, November 26, 2025	Barium	GWC-4
	Calcium	GWC-4
	Calcium	GWC-7
	Calcium	GWC-9
	Calcium	GWC-19
	Calcium	GWC-20
	Chloride	GWC-4
	Chromium	GWC-7
	Selenium	GWC-4
	Sulfate	GWC-3
	Sulfate	GWC-4
	Sulfate	GWC-6
	Sulfate	GWC-9

Alternate Source Demonstration	Constituent	Well
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR), 2025 First Semi-Annual Event, November 26, 2025	TDS	GWC-4
	Sulfate	GWC-53

Note:
[1] Analyte concentration in the specified well, is not an SSI based on recent results from the first semi-annual sampling event of 2025.

6.0 MONITORING PROGRAM STATUS

Plant Scherer Cell 1 and PAC Ash Cell remain in detection monitoring. Table 2 presents the status of each well within the certified monitoring network for Cell 1 and PAC Ash Cell, respectively. SSIs of (barium, calcium, chloride, sulfate, and TDS identified during the February and April 2025 events have been addressed by an ASD (WSP, 2025b). The SSIs reported for the July and October 2025 monitoring events (barium, chromium, selenium, calcium, chloride, sulfate, and TDS) will be addressed in a forthcoming ASD, as applicable, under separate cover. As such, Cell 1 and PAC Ash Cell currently remain in detection monitoring. The next semi-annual groundwater sampling event is scheduled for February 2026.

7.0 CONCLUSIONS

This *2025 Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell has been prepared to fulfill the requirements of 40 CFR 257, Georgia EPD SWMR 391-3-4-.14, the May 9, 2023, CCR Solid Waste Handling Permit 102-009D (CCR), and the Site's GWMP. Samples were obtained between February 24 to 26, 2025 with verification resampling conducted on April 22-23, 2025 during the first semi-annual event; samples were obtained between July 23 through August 1, 2025 with verification resampling conducted on October 21-22, 2025 during the second semi-annual event. The groundwater flow direction and rates observed during the calendar year 2025 are consistent with historical evaluations.

Review of analytical results and statistical analyses using the two-step method developed for the Site identified statistical exceedances above background during the first semi-annual 2025 sampling event. An ASD was submitted November 26, 2025 addressing each of these SSIs. Statistical analyses using the two-step method identified statistical exceedances above background during the second semi-annual 2025 sampling event. The ASD will be prepared and submitted within the timeline required by 40 CFR § 257.95 and 391-3-4-.10(6). During this reporting period, no SSIs were identified above an MCL. The monitoring well network continues to effectively monitor the water-bearing unit beneath Cell 1 and PAC Ash Cell.

Based on the findings presented herein, Plant Scherer Cell 1 and PAC Ash Cell will continue with detection groundwater monitoring and reporting. The next semi-annual sampling event is tentatively scheduled for February 2026.

8.0 REFERENCES

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WSP, 2025b. *Alternate Source Demonstration Georgia Power Company* – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009S(CCR) 2025 First Semi-Annual Event, WSP USA Inc., November 26, 2025.

Tables

Table 1
Summary of Detection Monitoring Well Construction Data
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Well ID	Well Designation	Location	Northing [1] (NAD 83)	Easting [1] (NAD 83)	Ground Surface Elevation (feet NAVD88) [2]	Top of Casing Elevation (feet NAVD88)[2]	Top of Screen Elevation (feet NAVD88) [2] [3]	Bottom of Screen Elevation (feet NAVD88) [2] [3]	Total Well Depth (feet below top of casing) [5]	Groundwater Zone Screened	Installation Date
GYPSUM CELL 1											
GWA-15	Detection	Upgradient	1120009.40	2409282.43	411.70	415.01	395.51	385.51	29.5	Residual Soil	11/04/2009
GWA-16	Detection	Upgradient	1120248.68	2409579.75	440.91	444.24	396.71	386.71	57.8	Saprolite	10/13/2009
GWA-17	Detection	Upgradient	1120210.57	2409946.73	442.82	445.84	409.27	399.27	46.7	Saprolite/PWR	09/28/2009
GWC-1	Detection	Downgradient	1120077.85	2411555.32	371.60	374.95	346.91	336.91	38.2	Saprolite	10/28/2009
GWC-2	Detection	Downgradient	1119816.59	2411493.53	376.90	380.22	332.12	322.12	58.2	Saprolite	10/08/2009
GWC-3	Detection	Downgradient	1119613.94	2411202.40	409.60	412.66	373.20	363.20	49.5	Residual Soil	10/29/2009
GWC-4	Detection	Downgradient	1119255.96	2411041.82	408.40	411.75	378.70	368.70	43.3	Residual Soil	11/21/2009
GWC-5	Detection	Downgradient	1118897.72	2411025.88	393.27	396.69	372.84	362.84	34.1	Residual Soil/PWR	10/22/2009
GWC-6	Detection	Downgradient	1118575.69	2410872.56	412.38	415.80	377.52	367.52	48.5	Bedrock	10/21/2009
GWC-7	Detection	Downgradient	1118243.67	2410645.91	414.41	418.27	369.84	359.84	58.6	Saprolite	10/20/2009
GWC-8A	Detection	Downgradient	1117917.32	2410375.16	398.60	401.62	364.30	354.30	48.0	PWR	03/29/2017
GWC-9	Detection	Downgradient	1117955.40	2410167.75	382.81	386.18	376.02	366.02	20.2	Residual Soil/Saprolite	11/04/2009
GWC-10	Detection	Downgradient	1118306.77	2410018.28	388.89	392.87	367.50	357.50	35.7	Residual Soil	11/03/2009
GWC-11	Detection	Downgradient	1118648.98	2409778.84	398.81	402.33	377.81	367.81	34.6	Saprolite	11/03/2009
GWC-12	Detection	Downgradient	1118977.87	2409554.57	409.16	412.89	384.94	374.94	38.1	Residual Soil	11/03/2009
GWC-13	Detection	Downgradient	1119338.68	2409390.95	416.51	419.77	386.52	376.52	43.3	Residual Soil	11/02/2009
GWC-14	Detection	Downgradient	1119655.05	2409111.75	400.16	403.60	386.09	376.09	27.6	Residual Soil	11/04/2009
GWC-18	Detection	Downgradient	1119998.73	2410261.85	436.30	439.66	389.49	379.49	60.4	Saprolite	09/29/2009
GWC-19	Detection	Downgradient	1119645.70	2410713.20	426.29	430.20	382.45	372.45	58.0	Saprolite	10/02/2009
GWC-20	Detection	Downgradient	1119950.51	2411195.38	422.98	426.30	363.85	353.85	72.7	Saprolite	10/06/2009
PAC ASH CELL											
GWA-21	Detection	Upgradient	1120675.73	2409462.70	419.70	422.58	412.04	402.04	20.7	Residual Soil/Saprolite	06/29/2010
GWA-22	Detection	Upgradient	1120962.12	2409473.22	442.01	444.50	412.29	402.29	42.5	Saprolite/Bedrock	06/30/2010
GWA-45	Detection	Upgradient	1120669.03	2407889.56	448.28	451.08	425.99	415.99	35.5	Residual Soil	06/23/2010
GWA-46	Detection	Upgradient	1120783.23	2408235.69	458.32	461.13	424.38	414.38	47.0	Residual Soil	06/23/2010
GWA-47	Detection	Upgradient	1120862.63	2408585.01	462.90	465.77	421.74	411.74	54.2	Saprolite	06/22/2010
GWA-48	Detection	Upgradient	1120953.42	2408939.48	458.85	461.73	407.74	397.74	64.1	Saprolite	06/22/2010
GWA-49	Detection	Upgradient	1121030.08	2409288.38	429.86	432.88	401.81	391.81	41.1	Saprolite	06/21/2010
GWC-29	Detection	Downgradient	1119875.58	2408717.95	396.88	399.64	382.78	372.78	27.1	Residual Soil/Saprolite	06/28/2010
GWC-50	Detection	Downgradient	1119917.51	2408956.10	404.34	407.16	380.88	370.88	36.5	Residual Soil/Saprolite	06/28/2010
GWC-51	Detection	Downgradient	1119835.51	2408436.95	407.27	410.15	393.78	383.78	26.8	Saprolite	07/27/2010
GWC-52	Detection	Downgradient	1119972.34	2408203.99	414.38	417.13	394.53	384.53	32.9	Residual Soil/Saprolite	06/24/2010
GWC-53	Detection	Downgradient	1120319.65	2407943.05	432.90	435.83	412.84	402.84	33.0	Residual Soil	06/23/2010

Table 1
Summary of Detection Monitoring Well Construction Data
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Well ID	Well Designation	Location	Northing [1] (NAD 83)	Easting [1] (NAD 83)	Ground Surface Elevation (feet NAVD88) [2]	Top of Casing Elevation (feet NAVD88)[2]	Top of Screen Elevation (feet NAVD88) [2] [3]	Bottom of Screen Elevation (feet NAVD88) [2] [3]	Total Well Depth (feet below top of casing) [5]	Groundwater Zone Screened	Installation Date
CELL 3											
GWA-39	Detection	Upgradient	1116967.57	2408671.68	454.24	457.62	405.24	395.24	62.4	Bedrock	12/20/2019
GWA-40	Detection	Upgradient	1117365.24	2408730.04	461.15	463.84	427.15	417.15	47.5	Saprolite	12/18/2020
GWA-41	Detection	Upgradient	1118096.97	2408412.15	431.45	434.12	403.75	393.75	41.4	Saprolite	01/26/2020
GWA-42	Detection	Upgradient	1118500.68	2408233.53	402.17	405.19	393.37	383.37	21.8	Residual Soil/TWR	01/27/2020
GWA-43	Detection	Upgradient	1118861.38	2408484.42	398.12	400.94	389.12	379.12	21.8	Saprolite	01/26/2020
GWA-44A	Detection	Upgradient	1119296.99	2408569.76	396.48	399.62	386.58	376.58	23.0	PWR	05/21/2020
GWA-54	Detection	Upgradient	1117751.40	2408588.52	448.58	451.49	409.83	399.83	52.9	Bedrock	12/21/2019
GWC-30	Detection	Downgradient	1119366.69	2408976.35	392.04	394.49	384.04	374.04	20.5	Residual Soil/Bedrock	01/24/2020
GWC-31	Detection	Downgradient	1118970.00	2409062.02	389.98	392.78	380.68	370.68	22.1	Residual Soil/TWR	01/23/2020
GWC-32	Detection	Downgradient	1118749.53	2409084.83	406.95	410.03	381.95	371.95	39.1	Saprolite	01/21/2020
GWC-33A	Detection	Downgradient	1118458.68	2409359.58	390.87	393.96	376.87	366.87	27.1	Saprolite	05/27/2020
GWC-34	Detection	Downgradient	1118248.26	2409680.41	386.23	389.29	377.23	367.23	22.1	Saprolite/TWR	01/13/2020
GWC-35	Detection	Downgradient	1117860.46	2409906.21	385.10	387.90	375.10	365.10	23.8	Saprolite	01/12/2020
GWC-36	Detection	Downgradient	1117561.29	2409681.44	422.02	425.12	386.62	376.62	48.5	Saprolite/TWR	01/10/2020
GWC-37	Detection	Downgradient	1117239.70	2409636.56	427.23	429.80	395.23	385.23	45.6	Residual Soil	01/08/2020
GWC-38	Detection	Downgradient	1116786.45	2409533.11	415.98	418.68	386.98	376.98	41.7	Saprolite/TWR	01/07/2020

Notes:
[1] Coordinates are in feet relative to North American Datum (NAD) 1983, State Plane, Georgia-West.
[2] Elevations shown are in datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
[3] Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
[4] - = not applicable
[5] Total well depth accounts for sump if data provided on well construction logs.
[6] PWR = Partially Weathered Rock TWR = Transitionally Weathered Rock

Table 2
Groundwater Event Summary
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Well ID	Hydraulic Location	Compliance Purpose	February 24 - 26, 2025	February 24 - 26, 2025	April 22 - 23, 2025	July 23 - August 01 2025	July 23 - August 01 2025	October 20 - 21, 2025
			Assessment Event	Background Event	Resample Event	Assessment Event	Background Event	Resample Event
Gypsum Cell 1								
GWA-15	Upgradient	Detection	X			X		
GWA-16	Upgradient	Detection	X			X		
GWA-17	Upgradient	Detection	X			X		
GWC-1	Downgradient	Detection	X			X		X
GWC-2	Downgradient	Detection	X			X		
GWC-3	Downgradient	Detection	X		X	X		
GWC-4	Downgradient	Detection	X		X	X		X
GWC-5	Downgradient	Detection	X			X		
GWC-6	Downgradient	Detection	X		X	X		
GWC-7	Downgradient	Detection	X			X		X
GWC-8A	Downgradient	Detection	X			X		
GWC-9	Downgradient	Detection	X		X	X		
GWC-10	Downgradient	Detection	X			X		
GWC-11	Downgradient	Detection	X			X		
GWC-12	Downgradient	Detection	X			X		
GWC-13	Downgradient	Detection	X			X		
GWC-14	Downgradient	Detection	X			X		
GWC-18	Downgradient	Detection	X			X		X
GWC-19	Downgradient	Detection	X		X	X		X
GWC-20	Downgradient	Detection	X			X		X
PAC Ash Cell								
GWA-21	Upgradient	Detection	X			X		
GWA-22	Upgradient	Detection	X			X		
GWA-45	Upgradient	Detection	X			X		
GWA-46	Upgradient	Detection	X			X		
GWA-47	Upgradient	Detection	X			X		
GWA-48	Upgradient	Detection	X			X		
GWA-49	Upgradient	Detection	X			X		
GWC-29	Downgradient	Detection	X			X		
GWC-50	Downgradient	Detection	X			X		
GWC-51	Downgradient	Detection	X			X		
GWC-52	Downgradient	Detection	X			X		
GWC-53	Downgradient	Detection	X			X		X

Table 2
Groundwater Event Summary
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Well ID	Hydraulic Location	Compliance Purpose	February 24 - 26, 2025	February 24 - 26, 2025	April 22 - 23, 2025	July 23 - August 01 2025	July 23 - August 01 2025	October 20 - 21, 2025
			Assessment Event	Background Event	Resample Event	Assessment Event	Background Event	Resample Event
Landfill Cell 3								
GWA-39	Upgradient	Detection		X			X	
GWA-40	Upgradient	Detection		X			X	
GWA-41	Upgradient	Detection		X			X	
GWA-42	Upgradient	Detection		X			X	
GWA-43	Upgradient	Detection		X			X	
GWA-44A	Upgradient	Detection		X			X	
GWA-54	Upgradient	Detection		X			X	
GWC-30	Downgradient	Detection		X			X	
GWC-31	Downgradient	Detection		X			X	
GWC-32	Downgradient	Detection		X			X	
GWC-33A	Downgradient	Detection		X			X	
GWC-34	Downgradient	Detection		X			X	
GWC-35	Downgradient	Detection		X			X	
GWC-36	Downgradient	Detection		X			X	
GWC-37	Downgradient	Detection		X			X	
GWC-38	Downgradient	Detection		X			X	

Notes:
X - Indicates well sampled during event

Table 3
Summary of Groundwater Elevations
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Measurement Date:		February 18, 2025		July 22, 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)
GYPSUM CELL 1					
GWC-1	374.95	8.24	366.71	10.15	364.80
GWC-2	380.22	12.57	367.65	14.55	365.67
GWC-3	412.66	38.38	374.28	37.64	375.02
GWC-4	411.75	33.46	378.29	33.17	378.58
GWC-5	396.69	21.39	375.30	20.40	376.29
GWC-6	415.80	40.66	375.14	38.61	377.19
GWC-7	418.27	42.08	376.19	42.90	375.37
GWC-8A	401.62	22.07	379.55	23.00	378.62
GWC-9	386.18	6.38	379.80	7.10	379.08
GWC-10	392.87	9.77	383.10	11.05	381.82
GWC-11	402.33	16.80	385.53	18.50	383.83
GWC-12	412.89	24.56	388.33	25.20	387.69
GWC-13	419.77	29.31	390.46	30.22	389.55
GWC-14	403.60	11.68	391.92	12.65	390.95
GWA-15	415.01	12.00	403.01	13.08	401.93
GWA-16	444.24	34.43	409.81	33.94	410.30
GWA-17	445.84	32.83	413.01	32.10	413.74
GWC-18	439.66	36.29	403.37	35.50	404.16
GWC-19	430.20	39.09	391.11	39.10	391.10
GWC-20	426.30	47.37	378.93	46.40	379.90
PAC ASH CELL					
GWA-21	422.58	6.21	416.37	6.82	415.76
GWA-22	444.50	26.46	418.04	26.49	418.01
GWC-29	399.64	5.36	394.28	5.56	394.08
GWA-45	451.08	18.70	432.38	19.98	431.10
GWA-46	461.13	34.95	426.18	34.81	426.32
GWA-47	465.77	42.01	423.76	41.89	423.88
GWA-48	461.73	40.32	421.41	39.80	421.93
GWA-49	432.88	12.80	420.08	13.59	419.29
GWC-50	407.16	8.62	398.54	9.38	397.78
GWC-51	410.15	8.55	401.60	9.11	401.04
GWC-52	417.13	9.34	407.79	9.62	407.51
GWC-53	435.83	12.12	423.71	12.94	422.89

Table 3
Summary of Groundwater Elevations
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Measurement Date:		February 18, 2025		July 22, 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)	Depth to Water (feet, BTOC)	Groundwater Elevation (feet, NAVD 88)
CELL 3					
GWA-39	457.62	31.37	426.25	27.65	429.97
GWA-40	463.84	37.36	426.48	35.51	428.33
GWA-41	434.12	13.43	420.69	13.29	420.83
GWA-42	405.19	4.72	400.47	5.65	399.54
GWA-43	400.94	3.64	397.30	5.05	395.89
GWA-44A	399.62	3.62	396.00	4.75	394.87
GWA-54	451.49	28.71	422.78	28.67	422.82
GWC-30	394.49	5.38	389.11	5.99	388.50
GWC-31	392.78	5.05	387.73	6.59	386.19
GWC-32	410.03	23.40	386.63	23.79	386.24
GWC-33A	393.96	9.28	384.68	9.68	384.28
GWC-34	389.29	7.21	382.08	7.54	381.75
GWC-35	387.90	4.40	383.50	4.38	383.52
GWC-36	425.12	32.99	392.13	31.29	393.83
GWC-37	429.80	23.98	405.82	24.28	405.52
GWC-38	418.68	11.59	407.09	12.37	406.31

Notes:
NAVD 88 indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
BTOC - Below Top of Casing; NM - Not Measured

Table 4A
Groundwater Flow Velocity Calculations - February 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs (ft)		Change in Elevation (Δ h) (ft)	Distance Between Well 1 and Well 2 (Δ l) (ft)	Hydraulic Gradient (Δ h / Δ l) (ft/ft)	Range of Estimated Hydraulic Conductivity (K) (ft/day)	Estimated Effective Porosity (ne)	Calculated Groundwater Flow Velocity (ft/day)	Calculated Groundwater Flow Velocity (ft/year)
February 2025	GWA-17 to GWC-7	413.01	376.19	36.82	2087	0.018	1.29 to 2.27	0.2	0.12 to 0.20	42 to 75
February 2025	GWA-45 to GWC-51	432.38	401.60	30.78	997	0.031	1.29 to 2.27	0.2	0.20 to 0.35	73 to 128
February 2025	GWA-47 to GWC-50	423.76	398.54	25.22	1015	0.025	1.29 to 2.27	0.2	0.16 to 0.28	59 to 104
February 2025	GWC-19 to GWC-3	391.11	374.28	16.83	490	0.034	1.29 to 2.27	0.2	0.22 to 0.39	80 to 141

Notes:

1. ft = feet, ft/ft = feet/foot, ne = effective porosity
2. Δ h = Change in groundwater elevation
3. Δ l =Distance along flow path
4. i = Δ h / Δ l Hydraulic Gradient
5. Groundwater flow velocity equation: V= (K* i)/ne
6. Hydraulic conductivity values are based on historic aquifer performance tests. Revised May 2024.
   The range of hydraulic conductivity used for calculating the horizontal groundwater velocity is median hydraulic conductivity of 1.29 feet/day and the average hydraulic conductivity of 2.27 feet/day.
7. Effective porosity based on default values for effective porosity recommended by USEPA for a silty sand-type soil (US EPA, 1996).

Table 4B
Groundwater Flow Velocity Calculations - July 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs (ft)		Change in Elevation (Δ h) (ft)	Distance Between Well 1 and Well 2 (Δ l) (ft)	Hydraulic Gradient (Δ h / Δ l) (ft/ft)	Range of Estimated Hydraulic Conductivity (K) (ft/day)	Estimated Effective Porosity (ne)	Calculated Groundwater Flow Velocity (ft/day)	Calculated Groundwater Flow Velocity (ft/year)
July 2025	GWA-17 to GWC-7	413.74	375.37	38.37	2087	0.018	1.29 to 2.27	0.2	0.12 to 0.20	42 to 75
July 2025	GWA-45 to GWC-51	431.10	401.04	30.06	997	0.030	1.29 to 2.27	0.2	0.19 to 0.34	71 to 124
July 2025	GWA-47 to GWC-50	423.88	397.78	26.10	1015	0.026	1.29 to 2.27	0.2	0.17 to 0.30	61 to 108
July 2025	GWC-19 to GWC-3	391.10	375.02	16.08	490	0.033	1.29 to 2.27	0.2	0.21 to 0.37	78 to 137

Notes:

1. ft = feet, ft/ft = feet/foot, ne = effective porosity
2. Δ h = Change in groundwater elevation
3. Δ l =Distance along flow path
4. i = Δ h / Δ l Hydraulic Gradient
5. Groundwater flow velocity equation: V= (K* i)/ne
6. Hydraulic conductivity values are based on historic aquifer performance tests. Revised May 2024.
   The range of hydraulic conductivity used for calculating the horizontal groundwater velocity is median hydraulic conductivity of 1.29 feet/day and the average hydraulic conductivity of 2.27 feet/day.
7. Effective porosity based on default values for effective porosity recommended by USEPA for a silty sand-type soil (US EPA, 1996).

Table 5A
Groundwater Analytical Data Summary
Gysum Cell 1 Wells - February and April 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWA-15	GWA-16	GWA-17	GWC-1	GWC-2	GWC-3	*GWC-3	GWC-4	*GWC-4
	Sample Date	02/25/2025	02/25/2025	02/26/2025	02/25/2025	02/25/2025	02/25/2025	04/23/2025	02/25/2025	04/22/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	NA	0.029 J	NA
Calcium	mg/L	4.1	13	7.4	17	17	11	NA	46	60
Chloride	mg/L	5.7	1.6	1.5	3.9	2.1	2.4	NA	28	45
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	NA	< 0.20	NA
pH, Field	SU	5.43	6.76	6.65	6.77	6.49	5.93	5.88	6.17	6.08
Sulfate	mg/L	3.6	< 0.40	< 0.40	0.48 J	0.40 J	20	18	150	180
TDS	mg/L	52	110	81	150	130	130	NA	350	470
STATE PARAMETERS										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	NA	< 0.00034	NA
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086	NA
Barium	mg/L	0.013	0.028	0.027	0.047	0.043	0.021	NA	0.15	0.19
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	< 0.00020	NA
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	NA	< 0.000078	NA
Chromium	mg/L	< 0.0012	0.0068	0.0083	0.013	0.0092	0.015	NA	0.0025	NA
Cobalt	mg/L	0.0013 J	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	NA	< 0.00022	NA
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	NA	< 0.0011	NA
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	NA	< 0.00021	NA
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	NA	< 0.000080	NA
Nickel	mg/L	0.00072 J	< 0.00042	< 0.00042	0.00054 J	0.0016	0.0016	NA	0.0019	NA
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	NA	0.0076	0.0091
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	NA	< 0.00039	NA
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	NA	< 0.00026	NA
Vanadium	mg/L	< 0.00063	0.0069	0.011	0.017	0.013	0.0042	NA	0.0041	NA
Zinc	mg/L	0.0034 J	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	NA	< 0.0028	NA
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	21	72	52	96	94	44	NA	51	NA
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	NA	< 2.2	NA
Total Alkalinity as CaCO3	mg/L	21	72	52	96	94	44	NA	51	NA
Magnesium	mg/L	2.3	4.6	2.9	8.9	7.8	6.1	NA	27	NA
Potassium	mg/L	0.24 J	0.98	0.95	0.93	1.2	0.73	NA	2.1	NA
Sodium	mg/L	5.5	9.5	9.3	10	8.7	6.5	NA	17	NA

Notes:
mg/L - milligrams per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
* Indicates the analyte was resampled on April 22, 2025. Both the original and resample results are shown.

Table 5A
Groundwater Analytical Data Summary
Gysum Cell 1 Wells - February and April 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWC-5	GWC-6	*GWC-6	GWC-7	GWC-8A	GWC-9	*GWC-9	GWC-10	GWC-11
	Sample Date	02/25/2025	02/24/2025	04/22/2025	02/24/2025	02/24/2025	02/24/2025	04/22/2025	02/24/2025	02/24/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.14	< 0.022	NA	< 0.022	0.17	0.056 J	NA	< 0.022	< 0.022
Calcium	mg/L	25	23	21	19	42	34	NA	20	14
Chloride	mg/L	4.9 J	6.1	NA	6.5	6.8	6.3	NA	4.6	1.8
Fluoride	mg/L	< 0.040	< 0.040	NA	< 0.040	< 0.040	< 0.040	NA	< 0.040	< 0.040
pH, Field	SU	6.16	6.50	6.23	6.67	6.75	7.14	6.56	6.27	6.14
Sulfate	mg/L	58	30	38	3.5	21	19	NA	4.3	< 0.40
TDS	mg/L	200	160	NA	150	260	180	NA	150	110
STATE PARAMETERS										
Antimony	mg/L	< 0.00034	< 0.00034	NA	< 0.00034	< 0.00034	< 0.00034	NA	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	NA	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086	< 0.00086
Barium	mg/L	0.036	0.070	0.065	0.043	0.039	0.029	NA	0.035	0.020
Beryllium	mg/L	< 0.00020	< 0.00020	NA	< 0.00020	< 0.00020	< 0.00020	NA	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	NA	< 0.000078	< 0.000078	< 0.000078	NA	< 0.000078	< 0.000078
Chromium	mg/L	0.0057	0.0054	NA	0.024	< 0.0012	0.0029	NA	0.017	0.0079
Cobalt	mg/L	< 0.00022	< 0.00022	NA	< 0.00022	0.0018 J	< 0.00022	NA	< 0.00022	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	NA	< 0.0011	< 0.0011	< 0.0011	NA	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	NA	< 0.00021	< 0.00021	< 0.00021	NA	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	NA	< 0.000080	< 0.000080	< 0.000080	NA	< 0.000080	< 0.000080
Nickel	mg/L	< 0.00042	0.00064 J	NA	< 0.00042	0.0046	< 0.00042	NA	0.0011	0.00053 J
Selenium	mg/L	0.0013 J	< 0.00099	NA	< 0.00099	< 0.00099	< 0.00099	NA	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	NA	< 0.00039	< 0.00039	< 0.00039	NA	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	NA	< 0.00026	< 0.00026	< 0.00026	NA	< 0.00026	< 0.00026
Vanadium	mg/L	0.0023	0.011	NA	0.013	0.0020	0.010	NA	0.013	0.011
Zinc	mg/L	< 0.0028	< 0.0028	NA	< 0.0028	< 0.0028	< 0.0028	NA	0.0097	0.0031 J
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	65	71	NA	77	180	120	NA	98	67
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	NA	< 2.2	< 2.2	< 2.2	NA	< 2.2	< 2.2
Total Alkalinity as CaCO3	mg/L	65	71	NA	77	180	120	NA	98	67
Magnesium	mg/L	13	12	NA	8.2	20	8.6	NA	11	6.5
Potassium	mg/L	1.0	1.8	NA	1.1	1.8	0.84	NA	0.88	0.69
Sodium	mg/L	12	13	NA	10	13	11	NA	8.7	4.7

Notes:
mg/L - milligrams per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
* Indicates the analyte was resampled on April 22, 2025. Both the original and resample results are shown.

Table 5A
Groundwater Analytical Data Summary
Gysum Cell 1 Wells - February and April 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWC-12	GWC-13	GWC-14	GWC-18	GWC-19	*GWC-19	GWC-20
	Sample Date	02/24/2025	02/24/2025	02/25/2025	02/25/2025	02/25/2025	04/22/2025	02/25/2025
ANALYTE	**UNITS**							
APPENDIX III								
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	NA	< 0.022
Calcium	mg/L	1.7	7.9	7.2	10	18	20	18
Chloride	mg/L	2.1	1.5	4.3	2.8	2.7	NA	2.4
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	NA	< 0.040
pH, Field	SU	5.18	5.90	5.57	6.69	6.59	6.21	6.55
Sulfate	mg/L	< 0.40	0.41 J	< 0.40	< 0.40	< 0.40	NA	< 0.40
TDS	mg/L	31	86	66	99	140	NA	110
STATE PARAMETERS								
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	NA	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086
Barium	mg/L	0.020	0.041	0.011	0.036	0.033	NA	0.038
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	NA	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	NA	< 0.000078
Chromium	mg/L	0.0012 J	0.0053	< 0.0012	0.011	0.016	NA	0.0084
Cobalt	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	NA	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	NA	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	NA	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	NA	< 0.000080
Nickel	mg/L	< 0.00042	< 0.00042	< 0.00042	< 0.00042	0.0012	NA	0.00061 J
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	NA	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	NA	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	NA	< 0.00026
Vanadium	mg/L	0.00072 J	0.0022	< 0.00063	0.0060	0.0067	NA	0.016
Zinc	mg/L	0.0029 J	0.0036 J	< 0.0028	0.0030 J	< 0.0028	NA	< 0.0028
Additional Parameters								
Bicarbonate Alkalinity as CaCO3	mg/L	10	49	35	62	95	NA	89
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	NA	< 2.2
Total Alkalinity as CaCO3	mg/L	10	49	35	62	95	NA	89
Magnesium	mg/L	1.0	4.6	3.8	5.0	8.9	NA	8.1
Potassium	mg/L	0.26 J	0.47 J	0.47 J	0.73	1.3	NA	1.1
Sodium	mg/L	3.0	6.7	3.4	7.3	9.3	NA	7.4

Notes:
mg/L - milligrams per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
* Indicates the analyte was resampled on April 22, 2025. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary
Gysum Cell 1 Wells - July, August, and October 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWA-15	GWA-16	GWA-17	GWC-1	GWC-1*	GWC-2	GWC-3	GWC-4	GWC-4*
	Sample Date	07/24/2025	07/24/2025	07/24/2025	07/25/2025	10/21/2025	07/31/2025	07/25/2025	07/24/2025	10/21/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.026	< 0.026	< 0.026	< 0.026	NA	< 0.026	< 0.026	0.034 J	NA
Boron, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	4.4	14	7.4	17	NA	17	10	59	65
Calcium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	60
Chloride	mg/L	6.0	2.1	2.4	4.4	NA	2.3	3.2	48	49
Fluoride	mg/L	0.087 J	0.16 J	0.11 J	0.14 J	NA	0.15 J	0.092 J	0.13 J	NA
pH, Field	SU	5.32	6.31	6.12	6.47	6.61	6.49	5.86	6.00	6.08
Sulfate	mg/L	3.2	1.2	0.93 J	1.0	NA	1.2	16	200	220
TDS	mg/L	78	180	130	210	150	140	130	590	490
STATE PARAMETERS										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	< 0.0025	< 0.0025	NA
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	NA	< 0.0013	< 0.0013	< 0.0013	NA
Barium	mg/L	0.013	0.032	0.031	0.051	NA	0.045	0.022	0.19	0.16
Barium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.17
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	NA	< 0.00015	< 0.00015	< 0.00015	NA
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	NA	< 0.00024	< 0.00024	< 0.00024	NA
Chromium	mg/L	< 0.0037	0.0082	0.0085	0.013	NA	0.010	0.019	< 0.0037	NA
Chromium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	0.0016 J	< 0.00041	< 0.00041	< 0.00041	NA	< 0.00041	< 0.00041	< 0.00041	NA
Copper	mg/L	< 0.00064	< 0.00064	< 0.00064	< 0.00064	NA	< 0.00064	< 0.00064	< 0.00064	NA
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086	< 0.00086	< 0.00086	NA
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	NA	< 0.00017	< 0.00017	< 0.00017	NA
Mercury, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.00076 J	< 0.00042	0.00059 J	< 0.00042	NA	0.0016 J	0.0015 J	0.0022 J	NA
Nickel, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	NA	< 0.0023	< 0.0023	0.0090	0.020
Selenium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.011
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	NA	< 0.00017	< 0.00017	< 0.00017	NA
Thallium	mg/L	0.00081 J	< 0.00019	< 0.00019	< 0.00019	NA	< 0.00019	< 0.00019	< 0.00019	NA
Vanadium	mg/L	< 0.0012	0.0079	0.0058	0.017	NA	0.014	0.0055	0.0043 J	NA
Zinc	mg/L	< 0.0089	< 0.0089	< 0.0089	< 0.0089	NA	< 0.0089	< 0.0089	< 0.0089	NA
Zinc, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	21	76	52	100	NA	88	45	50	NA
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	NA	< 3.0	< 3.0	< 3.0	NA
Total Alkalinity as CaCO3	mg/L	21	76	52	100	NA	88	45	50	NA
Magnesium	mg/L	2.2	4.9	3.0	8.8	NA	6.0	6.1	36	NA
Potassium	mg/L	0.21	0.90	1.0	0.78	NA	1.2	0.71	2.4	NA
Sodium	mg/L	5.1	9.2	8.6	9.3	NA	8.2	6.2	18	NA

Notes:
mg/L - milligrams per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
* Indicates the analyte was resampled on October 20 and 21, 2025. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary
Gysum Cell 1 Wells - July, August, and October 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWC-5	GWC-6	GWC-7	GWC-7*	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
	Sample Date	07/25/2025	07/31/2025	07/24/2025	10/20/2025	07/31/2025	07/31/2025	08/01/2025	07/30/2025	07/30/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.11	< 0.026	< 0.026	NA	0.14	0.10	< 0.026	< 0.026	< 0.026
Boron, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	24	16	18	21	42	21	19	13	1.2
Calcium, Dissolved	mg/L	NA	NA	NA	19	NA	NA	NA	NA	NA
Chloride	mg/L	5.5	4.6	9.5	11	6.0	4.5	3.6	1.5	2.0
Fluoride	mg/L	0.10 J	0.14 J	0.12 J	NA	0.17 J	0.17 J	0.14 J	0.091 J	0.14 J
pH, Field	SU	6.03	6.26	6.22	6.31	6.38	6.50	6.24	6.11	5.11
Sulfate	mg/L	73	20	6.4	9.2	14	16	2.9	< 0.77	< 0.77
TDS	mg/L	240	160	230	170	280	180	150	89	22
STATE PARAMETERS										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	NA	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.036	0.052	0.048	NA	0.037	0.031	0.033	0.018	0.019
Barium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	NA	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	NA	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	0.0057	0.0056	0.023	0.027	< 0.0037	0.0083	0.015	0.0087	< 0.0037
Chromium, Dissolved	mg/L	NA	NA	NA	0.025	NA	NA	NA	NA	NA
Cobalt	mg/L	< 0.00041	< 0.00041	< 0.00041	NA	0.0025 J	< 0.00041	< 0.00041	< 0.00041	< 0.00041
Copper	mg/L	< 0.00064	< 0.00064	< 0.00064	NA	< 0.00064	0.00069 J	0.00070 J	< 0.00064	< 0.00064
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	NA	< 0.00017	< 0.00017	< 0.00017	0.00017 J	0.00018 J
Mercury, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.00048 J	0.00053 J	< 0.00042	NA	0.0043 J	0.00072 J	0.0032 J	0.00085 J	0.00096 J
Nickel, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	NA	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Selenium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	NA	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	NA	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Vanadium	mg/L	0.0026 J	0.0086	0.011	NA	< 0.0012	0.018	0.011	0.011	< 0.0012
Zinc	mg/L	< 0.0089	< 0.0089	< 0.0089	NA	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089
Zinc, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	61	64	78	NA	190	85	93	66	7.7
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	61	64	78	NA	190	85	93	66	7.7
Magnesium	mg/L	13	6.2	9.3	NA	17	7.8	7.6	7.0	1.1
Potassium	mg/L	0.88	1.5	1.2	NA	2.6	1.4	1.0	0.71	0.27
Sodium	mg/L	11	8.8	9.0	NA	14	9.7	8.5	4.9	2.9

Notes:
mg/L - milligrams per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
* Indicates the analyte was resampled on October 20 and 21, 2025. Both the original and resample results are shown.

Table 5B
Groundwater Analytical Data Summary
Gysum Cell 1 Wells - July, August, and October 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWC-13	GWC-14	GWC-18	GWC-18*	GWC-19	GWC-19*	GWC-20	GWC-20*
	Sample Date	07/30/2025	07/31/2025	07/28/2025	10/21/2025	07/30/2025	10/20/2025	07/28/2025	10/21/2025
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	< 0.026	< 0.026	< 0.026	NA	1.9	< 0.026	< 0.026	NA
Boron, Dissolved	mg/L	NA	NA	NA	NA	NA	< 0.026	NA	NA
Calcium	mg/L	7.3	6.8	10	NA	40	17	18	18
Calcium, Dissolved	mg/L	NA	NA	NA	NA	NA	16	NA	17
Chloride	mg/L	1.4	3.9	2.8	NA	10	3.1	2.6	NA
Fluoride	mg/L	0.14 J	0.11 J	0.10 J	NA	< 0.081	NA	0.12 J	NA
pH, Field	SU	5.88	5.61	6.33	6.22	5.34	6.26	6.47	6.28
Sulfate	mg/L	1.0	< 0.77	< 0.77	NA	260	< 0.77	< 0.77	NA
TDS	mg/L	61	70	150	97	460	140	190	140
STATE PARAMETERS									
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	NA	< 0.0025	NA
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	NA	< 0.0013	NA	< 0.0013	NA
Barium	mg/L	0.037	0.011	0.036	NA	0.022	NA	0.038	NA
Barium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	NA	< 0.00015	NA	< 0.00015	NA
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	NA	< 0.00024	NA	< 0.00024	NA
Chromium	mg/L	0.0053	< 0.0037	0.015	NA	0.014	NA	0.0098	NA
Chromium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	< 0.00041	< 0.00041	< 0.00041	NA	< 0.00041	NA	< 0.00041	NA
Copper	mg/L	< 0.00064	< 0.00064	0.00097 J	NA	< 0.00064	NA	< 0.00064	NA
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	NA	< 0.00086	NA	< 0.00086	NA
Mercury	mg/L	0.00017 J	< 0.00017	< 0.00017	NA	< 0.00017	NA	0.00059	< 0.00017
Mercury, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	< 0.00017
Nickel	mg/L	< 0.00042	< 0.00042	< 0.00042	NA	0.0070	0.0014 J	0.00060 J	NA
Nickel, Dissolved	mg/L	NA	NA	NA	NA	NA	< 0.00042	NA	NA
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	NA	< 0.0023	NA	< 0.0023	NA
Selenium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	NA	< 0.00017	NA	< 0.00017	NA
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	NA	< 0.00019	NA	< 0.00019	NA
Vanadium	mg/L	0.0013 J	< 0.0012	0.0082	NA	< 0.0012	NA	0.020	NA
Zinc	mg/L	< 0.0089	< 0.0089	< 0.0089	NA	0.014	< 0.0089	< 0.0089	NA
Zinc, Dissolved	mg/L	NA	NA	NA	NA	NA	< 0.0089	NA	NA
Additional Parameters									
Bicarbonate Alkalinity as CaCO3	mg/L	46	33	60	NA	8.3	NA	91	NA
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	NA	< 3.0	NA	< 3.0	NA
Total Alkalinity as CaCO3	mg/L	46	33	60	NA	8.3	NA	91	NA
Magnesium	mg/L	4.8	2.9	5.8	NA	18	NA	8.8	NA
Potassium	mg/L	0.51	0.43	0.85	NA	1.8	NA	1.2	NA
Sodium	mg/L	6.3	3.2	8.5	NA	47	NA	8.3	NA

Notes:
mg/L - milligrams per liter; SU - Standard Units
NA - Indicates not analyzed
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
* Indicates the analyte was resampled on October 20 and 21, 2025. Both the original and resample results are shown.

Table 5C
Groundwater Analytical Data Summary
Powdered Activated Carbon (PAC) Ash Cell Wells - February 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
Sample Date		02/25/2025	02/25/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/25/2025
ANALYTE	**UNITS**												
APPENDIX III													
Boron	mg/L	< 0.022	< 0.022	1.0	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	0.022 J	0.028 J	1.1
Calcium	mg/L	5.8	11	26	6.1	14	12	14	18	7.5	8.1	27	20
Chloride	mg/L	3.0	1.8	12	5.8	1.8	2.0	2.1	3.3	1.9	8.7	8.6	14
Fluoride	mg/L	< 0.040	< 0.040	< 0.40	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.080	< 0.40
pH, Field	SU	6.07	6.66	6.85	5.92	6.50	6.85	6.96	6.54	5.83	6.23	7.03	5.68
Sulfate	mg/L	2.0	< 0.40	150	< 0.40	< 0.40	< 0.40	0.47 J	2.0	< 0.40	4.1	94	190
TDS	mg/L	90	98	280	68	100	100	110	110	77	88	220	310
STATE PARAMETERS													
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.019	0.024	0.052	0.023	0.031	0.014	0.019	0.018	0.014	0.011	0.033	0.032
Beryllium	mg/L	< 0.00020	< 0.00020	0.00022 J	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	0.000090 J
Chromium	mg/L	< 0.0012	0.010	0.0012 J	0.0048	0.010	0.0061	0.0057	< 0.0012	0.0032	0.0078	0.026	< 0.0012
Cobalt	mg/L	0.00023 J	< 0.00022	0.00072 J	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	0.012
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.00099 J	< 0.00042	0.00053 J	0.00049 J	< 0.00042	< 0.00042	< 0.00042	0.0027	0.0032	0.0024	< 0.00042	0.0078
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	0.0011 J
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0014 J	0.0080	0.0082	0.0069	0.0097	0.021	0.026	0.0056	0.0090	0.010	0.014	< 0.00063
Zinc	mg/L	0.0028 J	0.0076	0.0055	0.0035 J	< 0.0028	0.0044 J	< 0.0028	< 0.0028	< 0.0028	0.0040 J	< 0.0028	0.018
ADDITIONAL PARAMETERS													
Bicarbonate Alkalinity as CaCO3	mg/L	40	61	40	33	73	63	76	89	43	43	43	8.2
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Total Alkalinity as CaCO3	mg/L	40	61	40	33	73	63	76	89	43	43	43	8.2
Magnesium	mg/L	4.0	5.9	8.1	3.1	6.2	5.2	6.8	11	3.6	5.4	15	12
Potassium	mg/L	0.47 J	0.85	2.4	0.70	0.91	0.86	0.76	0.63	0.48 J	0.44 J	1.4	1.7
Sodium	mg/L	7.7	5.5	48	4.4	7.4	5.5	6.0	5.9	4.9	4.8	9.4	51

Notes:
mg/L - milligrams per liter; SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

Table 5D
Groundwater Analytical Data Summary
Powdered Activated Carbon (PAC) Ash Cell Wells - July and October 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWA-21	GWA-22	GWA-45	GWA-46	GWA-47	GWA-48	GWA-49	GWC-29	GWC-50
	Sample Date	07/28/2025	07/28/2025	07/28/2025	07/30/2025	07/28/2025	07/28/2025	07/28/2025	07/28/2025	07/28/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.026	< 0.026	0.94	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026
Calcium	mg/L	5.8	7.5	19	6.5	14	13	15	19	8.2
Chloride	mg/L	2.8	1.7	13	5.3	2.0	1.6	2.0	3.0	1.8
Fluoride	mg/L	0.084 J	< 0.081	< 0.081	0.16 J	0.12 J	0.12 J	0.099 J	0.12 J	0.081 J
pH, Field	SU	5.80	5.99	6.08	5.84	6.36	6.72	6.86	6.19	5.66
Sulfate	mg/L	1.7	< 0.77	140	< 0.77	0.78 J	1.0	< 0.77	2.7	< 0.77
TDS	mg/L	99	74	330	49	110	110	120	130	82
STATE PARAMETERS										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.017	0.020	0.045	0.022	0.031	0.013	0.020	0.019	0.013
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	0.016	< 0.0037	0.0044 J	0.0090	0.0057	0.0062	< 0.0037	0.0037 J
Cobalt	mg/L	< 0.00041	< 0.00041	0.00084 J	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041
Copper	mg/L	0.0011 J	0.0019 J	0.00075 J	< 0.00064	< 0.00064	0.00069 J	0.0012 J	0.0019 J	0.0010 J
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	0.00018 J	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Nickel	mg/L	0.00086 J	< 0.00042	0.00073 J	< 0.00042	< 0.00042	< 0.00042	0.00045 J	0.0040 J	0.0045 J
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	0.0030 J	0.0024 J
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Thallium	mg/L	< 0.00019	< 0.00019	0.00025 J	0.00034 J	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Vanadium	mg/L	0.0034 J	0.0054	0.0015 J	0.0020 J	0.0080	0.018	0.020	0.0059	0.0043 J
Zinc	mg/L	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089
ADDITIONAL PARAMETERS										
Bicarbonate Alkalinity as CaCO3	mg/L	39	44	33	31	71	60	74	94	44
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	39	44	33	31	71	60	74	94	44
Magnesium	mg/L	3.9	4.0	8.8	3.2	6.5	5.6	7.3	12	4.1
Potassium	mg/L	0.60	0.81	2.4	0.76	0.93	0.90	0.82	0.77	0.58
Sodium	mg/L	8.1	5.1	46	4.5	7.4	5.7	6.2	6.5	5.7

Notes:
mg/L - milligrams per liter; SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
* Indicates the analyte was resampled on October 21, 2025. Both the original and resample results are shown.

Table 5D
Groundwater Analytical Data Summary
Powdered Activated Carbon (PAC) Ash Cell Wells - July and October 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWC-51	GWC-52	GWC-53	*GWC-53
	Sample Date	07/25/2025	07/28/2025	07/28/2025	10/21/2025
ANALYTE	UNITS				
APPENDIX III					
Boron	mg/L	< 0.026	< 0.026	1.1	NA
Calcium	mg/L	8.2	31	21	NA
Chloride	mg/L	9.1	8.3	16	16
Fluoride	mg/L	0.11 J	0.11 J	0.11 J	NA
pH, Field	SU	5.79	6.50	5.46	5.44
Sulfate	mg/L	4.8	95	190	180
TDS	mg/L	140	250	370	310
STATE PARAMETERS					
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	NA
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	NA
Barium	mg/L	0.011	0.028	0.031	NA
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	NA
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	NA
Chromium	mg/L	0.0073	0.027	< 0.0037	NA
Cobalt	mg/L	< 0.00041	< 0.00041	0.015	NA
Copper	mg/L	< 0.00064	0.00088 J	< 0.00064	NA
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	NA
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	NA
Nickel	mg/L	0.0026 J	< 0.00042	0.0075	NA
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	NA
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	NA
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	NA
Vanadium	mg/L	0.0044 J	0.010	< 0.0012	NA
Zinc	mg/L	< 0.0089	< 0.0089	0.016	NA
ADDITIONAL PARAMETERS					
Bicarbonate Alkalinity as CaCO3	mg/L	38	44	7.2	NA
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	NA
Total Alkalinity as CaCO3	mg/L	38	44	7.2	NA
Magnesium	mg/L	5.6	17	12	NA
Potassium	mg/L	0.48	1.6	1.6	NA
Sodium	mg/L	4.6	11	58	NA

Notes:
mg/L - milligrams per liter; SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
* Indicates the analyte was resampled on October 21, 2025. Both the original and resample results are shown.

Table 5E
Groundwater Analytical Data Summary
Cell 3 Wells - February 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWA-39	GWA-40	GWA-41	GWA-42	GWA-43	GWA-44A	GWA-54	GWC-30
	Sample Date	02/24/2025	02/24/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025	02/26/2025
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.032 J	0.14	0.022 J	0.040 J	0.035 J	< 0.022	0.022 J	< 0.022
Calcium	mg/L	22	7.3	16	25	27	19	9.4	20
Chloride	mg/L	1.4	1.1	3.3	3.8	5.2	6.9	3.3	16
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.040	< 0.080
pH, Field	SU	6.83	5.76	6.26	6.43	6.52	6.63	6.30	6.31
Sulfate	mg/L	1.0	0.48 J	< 0.40	0.69 J	< 0.40	2.4	3.3	15
TDS	mg/L	140	65	140	180	180	140	120	150
STATE PARAMETERS									
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.036	0.048	0.017	0.089	0.050	0.040	0.097	0.027
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0080	< 0.0012	0.0059	0.0041	< 0.0012	0.0066	< 0.0012	0.0034
Cobalt	mg/L	< 0.00022	0.0065	0.00067 J	< 0.00022	0.0079	< 0.00022	0.0022 J	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0016 J
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.00053 J	0.012	0.0014	0.0023	0.0025	0.00050 J	0.00098 J	0.0013
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	0.0024 J
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.027	0.0013 J	0.012	0.014	0.0059	0.013	0.0066	0.015
Zinc	mg/L	< 0.0028	0.011 J	0.0087	0.0035 J	0.0033 J	< 0.0028	< 0.0028	0.0030 J
APPENDIX IV									
Combined Radium 226 + 228	pCi/L	0.0811 U	0.0652 U	0.366 U	0.709	0.520 U	-0.130 U	0.423 U	0.287 U
Lithium	mg/L	< 0.0020	< 0.0020	< 0.0020	0.0044 J	< 0.0020	< 0.0020	0.0034 J	0.0029 J
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0020 J	< 0.00086
ADDITIONAL PARAMETERS									
Bicarbonate Alkalinity as CaCO3	mg/L	110	48	87	130	180	92	67	92
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Total Alkalinity as CaCO3	mg/L	110	48	87	130	180	92	67	92
Magnesium	mg/L	12	4.7	6.6	13	15	8.6	3.4	10
Potassium	mg/L	1.0	0.87	0.64	1.4	1.1	1.4	2.9	1.1
Sodium	mg/L	7.0	2.7	11	14	15	6.9	12	10

Notes:
mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.
The MDC varies depending upon the sample amount and elapsed time of the measurement.

Table 5E
Groundwater Analytical Data Summary
Cell 3 Wells - February 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWC-31	GWC-32	GWC-33A	GWC-34	GWC-35	GWC-36	GWC-37	GWC-38
	Sample Date	02/25/2025	02/25/2025	02/25/2025	02/25/2025	02/25/2025	02/26/2025	02/25/2025	02/25/2025
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	< 0.022	< 0.022	< 0.022	< 0.022	0.44	< 0.022	< 0.022	< 0.022
Calcium	mg/L	17	16	17	13	21	13	14	15
Chloride	mg/L	4.0	2.9	4.4	2.9	14	6.8	1.6	1.9
Fluoride	mg/L	< 0.040	< 0.040	< 0.040	< 0.040	< 0.20	< 0.040	< 0.040	< 0.040
pH, Field	SU	6.78	6.27	6.36	6.25	6.45	5.88	6.33	6.68
Sulfate	mg/L	2.1	2.8	0.76 J	< 0.40	87	< 0.40	< 0.40	2.7
TDS	mg/L	140	140	130	110	230	100	110	130
STATE PARAMETERS									
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.014	0.019	0.028	0.034	0.028	0.056	0.042	0.034
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0025	0.0026	0.0052	0.012	< 0.0012	0.017	0.021	0.0083
Cobalt	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	0.00065 J	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	< 0.00042	0.00096 J	0.00044 J	0.00053 J	0.00067 J	0.0018	0.00078 J	0.00045 J
Selenium	mg/L	0.0012 J	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	0.0015 J
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.015	0.0066	0.012	0.0071	0.0064	0.0059	0.0062	0.014
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	0.0030 J	< 0.0028	0.0059	0.0041 J	< 0.0028
APPENDIX IV									
Combined Radium 226 + 228	pCi/L	0.294 U	0.443 U	0.485 U	0.428 U	0.313 U	0.299 U	0.512 U	0.0895 U
Lithium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Molybdenum	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
ADDITIONAL PARAMETERS									
Bicarbonate Alkalinity as CaCO3	mg/L	99	80	77	71	66	71	82	83
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Total Alkalinity as CaCO3	mg/L	99	80	77	71	66	71	82	83
Magnesium	mg/L	8.3	6.0	5.9	8.9	14	11	8.7	8.2
Potassium	mg/L	1.1	0.57	0.71	0.59	1.0	1.0	0.82	1.2
Sodium	mg/L	15	11	10	6.1	27	4.4	6.2	6.8

Notes:
mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.
The MDC varies depending upon the sample amount and elapsed time of the measurement.

Table 5F
Groundwater Analytical Data Summary
Cell 3 Wells - July 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWA-39	GWA-40	GWA-41	GWA-42	GWA-43	GWA-44A	GWA-54	GWC-30	GWC-31
	Sample Date	07/23/2025	07/24/2025	07/23/2025	07/23/2025	07/23/2025	07/28/2025	07/23/2025	07/23/2025	07/23/2025
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026
Calcium	mg/L	20	7.1	14	20	21	19	9.1	21	15
Chloride	mg/L	1.7	1.6	3.9	3.9	4.4	6.7	3.5	3.0	3.8
Fluoride	mg/L	0.14 J	< 0.081	0.17 J	0.18 J	0.15 J	0.19 J	0.15 J	0.11 J	0.27
pH, Field	SU	6.65	5.54	6.21	6.40	6.40	6.50	6.07	6.28	6.67
Sulfate	mg/L	1.8	1.3	1.3	0.94 J	3.0	3.5	3.0	2.1	2.7
TDS	mg/L	160	96	140	190	190	160	130	170	170
STATE PARAMETERS										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.035	0.070	0.017	0.081	0.040	0.036	0.12	0.034	0.014
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	0.0072	< 0.0037	0.0040 J	< 0.0037	< 0.0037	0.010	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	< 0.00041	0.0064	0.00091 J	< 0.00041	0.0065	< 0.00041	0.0019 J	< 0.00041	< 0.00041
Copper	mg/L	< 0.00064	< 0.00064	0.0020	< 0.00064	< 0.00064	< 0.00064	< 0.00064	0.0015 J	< 0.00064
Lead	mg/L	< 0.00086	< 0.00086	0.0036	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Nickel	mg/L	0.00070 J	0.012	0.0031 J	0.0016 J	0.0030 J	< 0.00042	0.0011 J	0.0013 J	< 0.00042
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	0.00066 J	< 0.00019
Vanadium	mg/L	0.021	0.0014 J	0.0062	0.0061	< 0.0012	0.0084	< 0.0012	0.0089	0.013
Zinc	mg/L	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089
APPENDIX IV										
Combined Radium 226 + 228	pCi/L	0.231 U	0.204 U	0.133 U	0.0650 U	0.0934 U	0.458 U	0.647 U	0.345 U	0.371 U
Lithium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Molybdenum	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.0013 J	0.0011 J	< 0.00069
ADDITIONAL PARAMETERS										
Bicarbonate Alkalinity as CaCO3	mg/L	110	43	82	120	120	89	61	100	100
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	110	43	82	120	120	89	61	100	100
Magnesium	mg/L	9.3	5.4	5.9	9.5	10	8.9	3.1	9.8	6.9
Potassium	mg/L	0.92	0.75	0.55	1.1	1.0	1.5	2.6	1.1	0.82
Sodium	mg/L	5.8	2.1	10	10	11	6.8	11	10	15

Notes:
mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.
The MDC varies depending upon the sample amount and elapsed time of the measurement.

Table 5F
Groundwater Analytical Data Summary
Cell 3 Wells - July 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

	Sample Location	GWC-32	GWC-33A	GWC-34	GWC-35	GWC-36	GWC-37	GWC-38
	Sample Date	07/23/2025	07/24/2025	07/23/2025	07/23/2025	07/23/2025	07/23/2025	07/24/2025
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	< 0.026	< 0.026	< 0.026	0.44	< 0.026	< 0.026	< 0.026
Calcium	mg/L	14	14	11	18	12	13	15
Chloride	mg/L	2.7	2.5	2.9	12	7.3	1.9	2.0
Fluoride	mg/L	0.23	0.14 J	0.14 J	0.16 J	0.11 J	0.12 J	0.17 J
pH, Field	SU	6.23	6.33	6.08	6.41	5.91	6.21	6.64
Sulfate	mg/L	2.8	< 0.77	< 0.77	78	< 0.77	< 0.77	3.5
TDS	mg/L	150	210	120	210	110	110	190
STATE PARAMETERS								
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.020	0.026	0.031	0.026	0.057	0.043	0.038
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	0.0062	0.011	< 0.0037	0.012	0.018	0.0096
Cobalt	mg/L	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041
Copper	mg/L	< 0.00064	< 0.00064	< 0.00064	< 0.00064	< 0.00064	< 0.00064	< 0.00064
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Nickel	mg/L	0.00085 J	0.00046 J	< 0.00042	0.00045 J	0.0017 J	0.00055 J	< 0.00042
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Vanadium	mg/L	0.0054	0.013	0.0067	0.0065	< 0.0012	0.0056	0.013
Zinc	mg/L	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089	< 0.0089
APPENDIX IV								
Combined Radium 226 + 228	pCi/L	0.605	0.153 U	0.234 U	0.609 U	0.484 U	0.0611 U	0.191 U
Lithium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Molybdenum	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
ADDITIONAL PARAMETERS								
Bicarbonate Alkalinity as CaCO3	mg/L	78	78	69	67	71	82	83
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	78	78	69	67	71	82	83
Magnesium	mg/L	4.8	5.1	6.7	11	8.9	7.8	8.7
Potassium	mg/L	0.42	0.73	0.50	0.85	0.91	0.69	0.99
Sodium	mg/L	9.6	8.6	5.2	27	4.3	6.1	6.4

Notes:
mg/L - milligrams per liter; pCi/L - picocuries per liter; SU - Standard Units
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U.
The MDC varies depending upon the sample amount and elapsed time of the measurement.

Table 5G
Surface Water Analytical Data Summary - February 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025
ANALYTE	UNITS									
FIELD MONITORING PARAMETERS										
Oxidation Reduction Potential, Fiel	mV	95.5	20.5	72.3	52.0	--	65.6	67.2	48.8	--
pH, Field	SU	7.54	6.87	6.85	7.05	--	7.07	7.20	6.76	--
RDO Concentration, Field	mg/L	9.10	8.72	9.02	9.27	--	10.05	10.55	8.67	--
Specific Conductance, Field	uS/cm	178.77	512.95	235.52	238.05	--	90.54	197.48	318.52	--
Temperature, Field	deg C	12.59	12.67	11.52	13.32	--	12.11	11.53	12.44	--
Turbidity, Field	NTU	20.20	6.71	9.30	24.00	--	23.80	24.10	12.90	--
APPENDIX III										
Boron	mg/L	0.27	1.1	0.36	0.32	--	< 0.022	0.22	0.53	--
Calcium	mg/L	15	33	11	15	--	6.4	15	20	--
Chloride	mg/L	3.6	9.5 J	9.0	6.3	--	2.8	4.7 J	9.0	--
Fluoride	mg/L	< 0.080	< 0.40	< 0.20	< 0.20	--	< 0.040	< 0.20	< 0.040	--
Sulfate	mg/L	39	180	63	57	--	2.8	37	99	--
TDS	mg/L	110	320	150	160	--	86	130	210	--
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	< 5.0	< 5.0	< 5.0	NA	--	NA	< 5.0	NA	--
Cyanide	mg/L	< 0.0060	< 0.0060	< 0.0060	NA	--	NA	< 0.0060	NA	--
Organic Carbon, Total	mg/L	3.7	1.4	1.1	NA	--	NA	2.7	NA	--
STATE REQUIRED METALS										
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	--	< 0.00034	< 0.00034	< 0.00034	--
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	--	< 0.00086	< 0.00086	< 0.00086	--
Barium	mg/L	0.054	0.068	0.052	0.053	--	0.028	0.050	0.058	--
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	--	< 0.00020	< 0.00020	< 0.00020	--
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	--	< 0.000078	< 0.000078	< 0.000078	--
Chromium	mg/L	0.0015 J	< 0.0012	0.0013 J	0.0012 J	--	0.0015 J	0.0016 J	0.0013 J	--
Cobalt	mg/L	0.00030 J	0.0067	0.014	0.0042	--	0.0016 J	0.0012 J	0.0066	--
Copper	mg/L	0.0029	< 0.0011	0.0012 J	< 0.0011	--	< 0.0011	0.013	< 0.0011	--
Lead	mg/L	0.00028 J	< 0.00021	< 0.00021	0.00023 J	--	< 0.00021	0.00084 J	< 0.00021	--
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	--	< 0.000080	< 0.000080	< 0.000080	--
Nickel	mg/L	0.0011	0.0016	0.0033	0.0012	--	0.00069 J	0.0011	0.0016	--
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	--	< 0.00099	< 0.00099	< 0.00099	--
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	--	< 0.00039	< 0.00039	< 0.00039	--
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	--	< 0.00026	< 0.00026	< 0.00026	--
Vanadium	mg/L	0.0027	0.00074 J	0.00080 J	0.0016 J	--	0.0021	0.0023	0.0013 J	--
Zinc	mg/L	0.017	0.0031 J	0.011	0.0035 J	--	< 0.0028	0.014	0.0039 J	--
Additional Parameters										
Alkalinity Total as CaCO3	mg/L	41	44	22	40	--	41	45	39	--
Bicarbonate Alkalinity as CaCO3	mg/L	41	44	22	40	--	41	45	39	--
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	--	< 2.2	< 2.2	< 2.2	--
Magnesium	mg/L	5.3	19	7.3	8.6	--	3.8	6.6	11	--
Potassium	mg/L	2.3	1.4	1.4	1.1	--	0.86	1.6	1.2	--
Sodium	mg/L	11	39	19	16	--	5.4	12	23	--

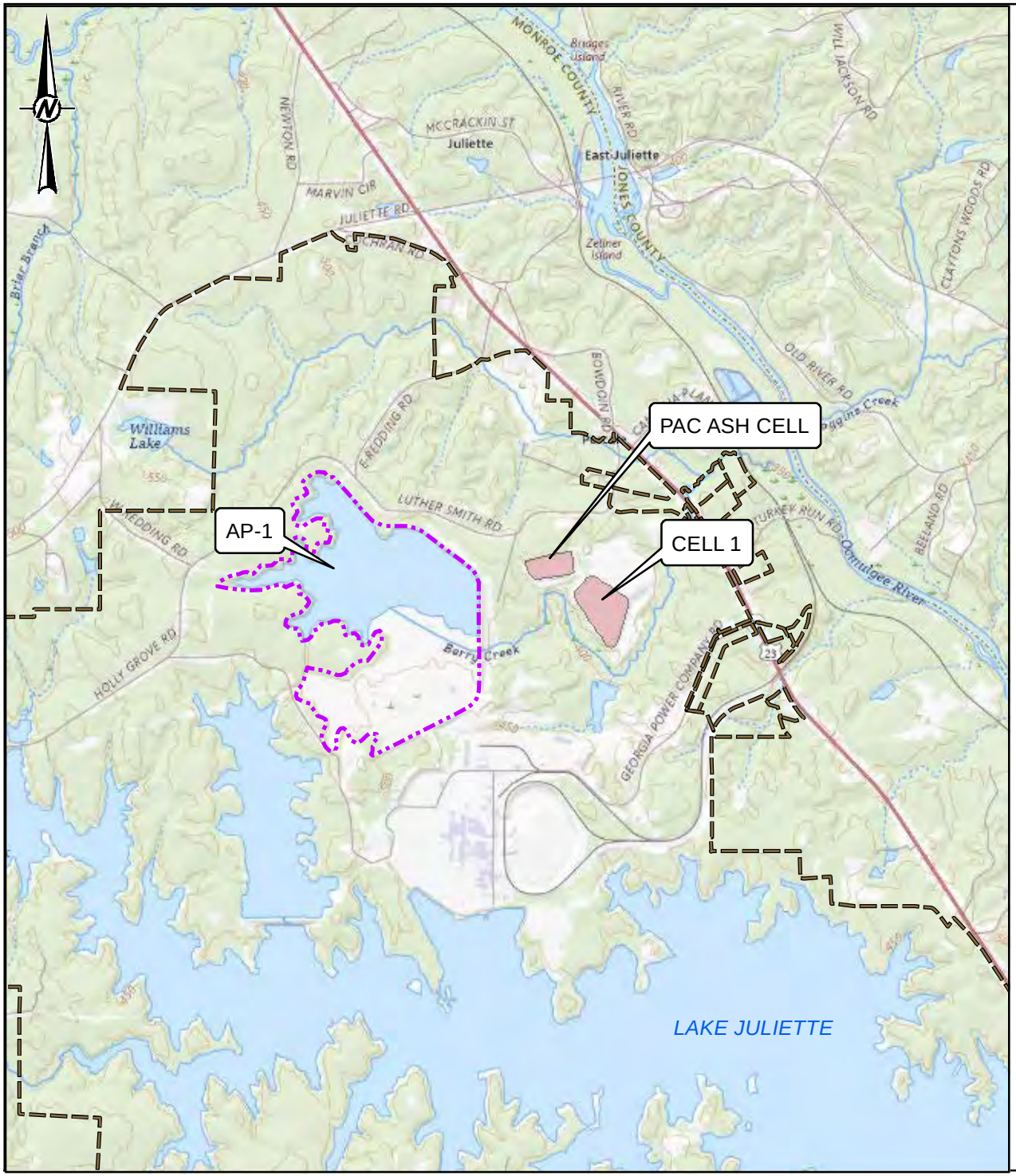
Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celsius; NTU - Nephelometric Turbidity Unit; uS/cm - microSiemens per centimeter.
-- Indicates location not sampled
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

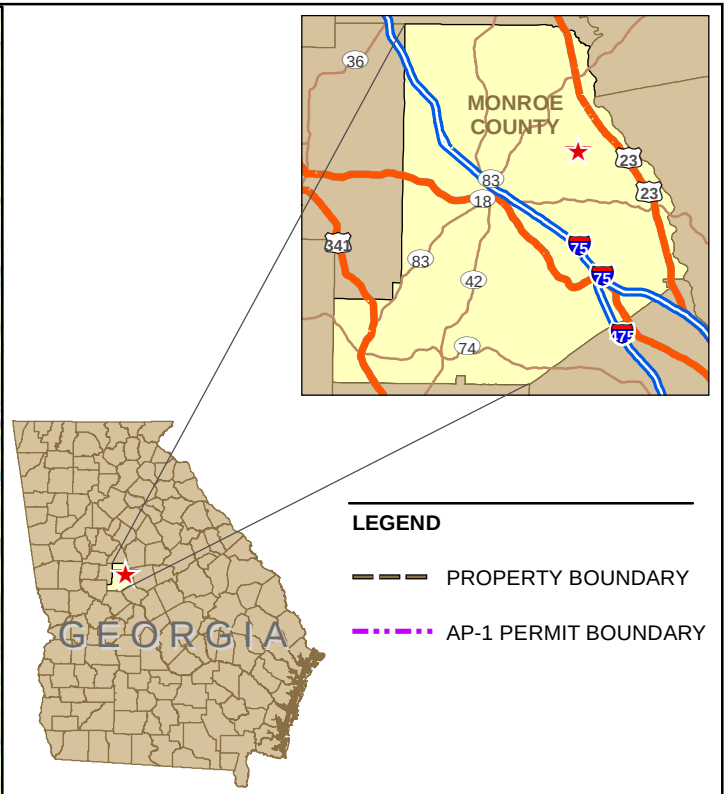
Table 5H
Surface Water Analytical Data Summary - July 2025
Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025
ANALYTE	**UNITS**									
FIELD MONITORING PARAMETERS										
Oxidation Reduction Potential, Field	mV	176.1	44.5	121.0	160.0	--	--	295.8	--	--
pH, Field	SU	8.47	7.11	7.30	8.12	--	--	7.89	--	--
RDO Concentration, Field	mg/L	7.11	6.36	7.54	6.62	--	--	6.66	--	--
Specific Conductance, Field	uS/cm	518.4	553.5	256.2	487.7	--	--	475.1	--	--
Temperature, Field	deg C	32.16	27.66	24.34	31.08	--	--	29.97	--	--
Turbidity, Field	NTU	8.28	11.20	9.17	9.22	--	--	8.31	--	--
APPENDIX III										
Boron	mg/L	0.86	1.3	0.37	0.83	--	--	0.77	--	--
Calcium	mg/L	18	36	15	18	--	--	19	--	--
*Chloride	mg/L	15	11	10	11	--	--	11	--	--
*Fluoride	mg/L	0.33	0.22	0.24 J	0.32 J	--	--	0.53	--	--
pH, Field	SU	8.47	7.11	7.30	8.12	--	--	7.89	--	--
*Sulfate	mg/L	100	160	57	79	--	--	70	--	--
*TDS	mg/L	260	420	170	230	--	--	220	--	--
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	16	< 5.9	< 5.9	NA	--	--	20	--	--
Cyanide	mg/L	< 0.0048	< 0.0048	< 0.0048	NA	--	--	< 0.0048	--	--
Organic Carbon, Total	mg/L	4.5	1.3	1.3	NA	--	--	4.4	--	--
STATE REQUIRED METALS										
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	--	--	< 0.0025	--	--
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	--	--	< 0.0013	--	--
Barium	mg/L	0.077	0.078	0.043	0.074	--	--	0.068	--	--
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	--	--	< 0.00015	--	--
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	--	--	< 0.00024	--	--
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	--	--	< 0.0037	--	--
Cobalt	mg/L	< 0.00041	0.0043 J	0.0016 J	< 0.00041	--	--	< 0.00041	--	--
Copper	mg/L	0.0025	< 0.00064	0.00097 J	0.0023	--	--	0.0018 J	--	--
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	--	--	< 0.00086	--	--
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	--	--	< 0.00017	--	--
Nickel	mg/L	0.00076 J	0.00081 J	0.00061 J	0.00079 J	--	--	0.00066 J	--	--
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	--	--	< 0.0023	--	--
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	--	--	< 0.00017	--	--
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	--	--	< 0.00019	--	--
Vanadium	mg/L	0.0056	< 0.0012	0.0025 J	0.0054	--	--	0.0043 J	--	--
Zinc	mg/L	< 0.0089	< 0.089	< 0.0089	< 0.0089	--	--	< 0.0089	--	--
Additional Parameters										
*Alkalinity Total as CaCO3	mg/L	77	57	16	73	--	--	79	--	--
*Bicarbonate Alkalinity as CaCO3	mg/L	77	57	16	73	--	--	79	--	--
*Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	--	--	< 3.0	--	--
Magnesium	mg/L	6.9	17	7.3	6.9	--	--	7.3	--	--
Potassium	mg/L	7.4	2.5	1.8	7.3	--	--	6.4	--	--
Sodium	mg/L	64	46	20	62	--	--	57	--	--

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celsius; NTU - Nephelometric Turbidity Unit; uS/cm - microSiemens per centimeter.
-- Indicates location not sampled
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.
* indicates the analytes were sampled on July 31, 2025.

Figures





LEGEND

PROPERTY BOUNDARY

AP-1 PERMIT BOUNDARY

Service Layer Credits: USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,

0 4000 8000

Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

PROJECT
2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
SITE LOCATION MAP

CONSULTANT
wsp

YYYY-MM-DD	2025-06-18
PREPARED	RHG
DESIGN	DLP
REVIEW	DLP
APPROVED	RNQ

PROJECT No.
31406440.022

FIGURE
1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM: ANSI A

PZ-34S
PZ-31I
PZ-32S
PZ-32D
PZ-37I
PZ-33I
GWA-49
GWA-48
GWA-47
GWA-22
GWA-46
GWA-45
GWA-21
PAC ASH CELL
SWC-7
SWC-6
PZ-36I
PZ-36S
GWC-53
GWA-16
GWA-17
PZ-39S
GWC-1
GWC-52
GWA-15
GWC-18
GWC-50
GWC-29
GWC-51
GWC-20
GWC-2
SWC-8
SWC-9
SWA-3
GWC-14
GWC-19
GWC-3
CELL 1
GWC-30
GWC-13
GWC-4
GWA-44A
SWC-5
GWC-12
GWA-43
GWC-31
GWC-5
SWA-2
GWC-32
GWC-11
PZ-19I
PZ-19S
GWA-42
GWC-33A
GWC-6
PZ-20I
SGWC-17
GWC-34
GWC-10
GWC-7
GWA-41
GWC-9
CELL 3
GWC-35
SWC-4
GWC-8A
GWA-54
SWA-1
GWC-36
GWA-40
GWC-37
GWA-39
GWC-38

LEGEND

TYPE

- SCHERER ASH POND-CCR MONITORING WELL
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- SURFACE WATER LOCATION
- STREAM
- PROPERTY BOUNDARY
- EXISTING TOPOGRAPHY

NOTE(S)
1. MONITORING WELL LOCATIONS PROVIDED BY JORDAN ENGINEERING.

REFERENCE(S)
1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 06/2025.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.

0 250 500 1,000 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

PROJECT
2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
SITE PLAN, MONITORING WELL AND PIEZOMETER LOCATION MAP

CONSULTANT
wsp

YYYY-MM-DD	2026-01-16
DESIGNED	RHG
PREPARED	CP
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.022

FIGURE
2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

LEGEND

- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- PIEZOMETER
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED FEBRUARY 18, 2025 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. **DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.**

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 03/2025.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.

0 75 150 300 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

PROJECT
2025 ANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT
PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
POTENTIOMETRIC SURFACE MAP - PAC ASH CELL
FEBRUARY 18, 2025

CONSULTANT

wsp

YYYY-MM-DD	2025-08-04
DESIGNED	RHG
PREPARED	AR
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.022

FIGURE
3A

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
0 1in

LEGEND

- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- EXISTING TOPOGRAPHY

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED FEBRUARY 18, 2025 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. **DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.**

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 03/2025.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.

0 125 250 500 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

PROJECT
2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1
FEBRUARY 18, 2025

CONSULTANT

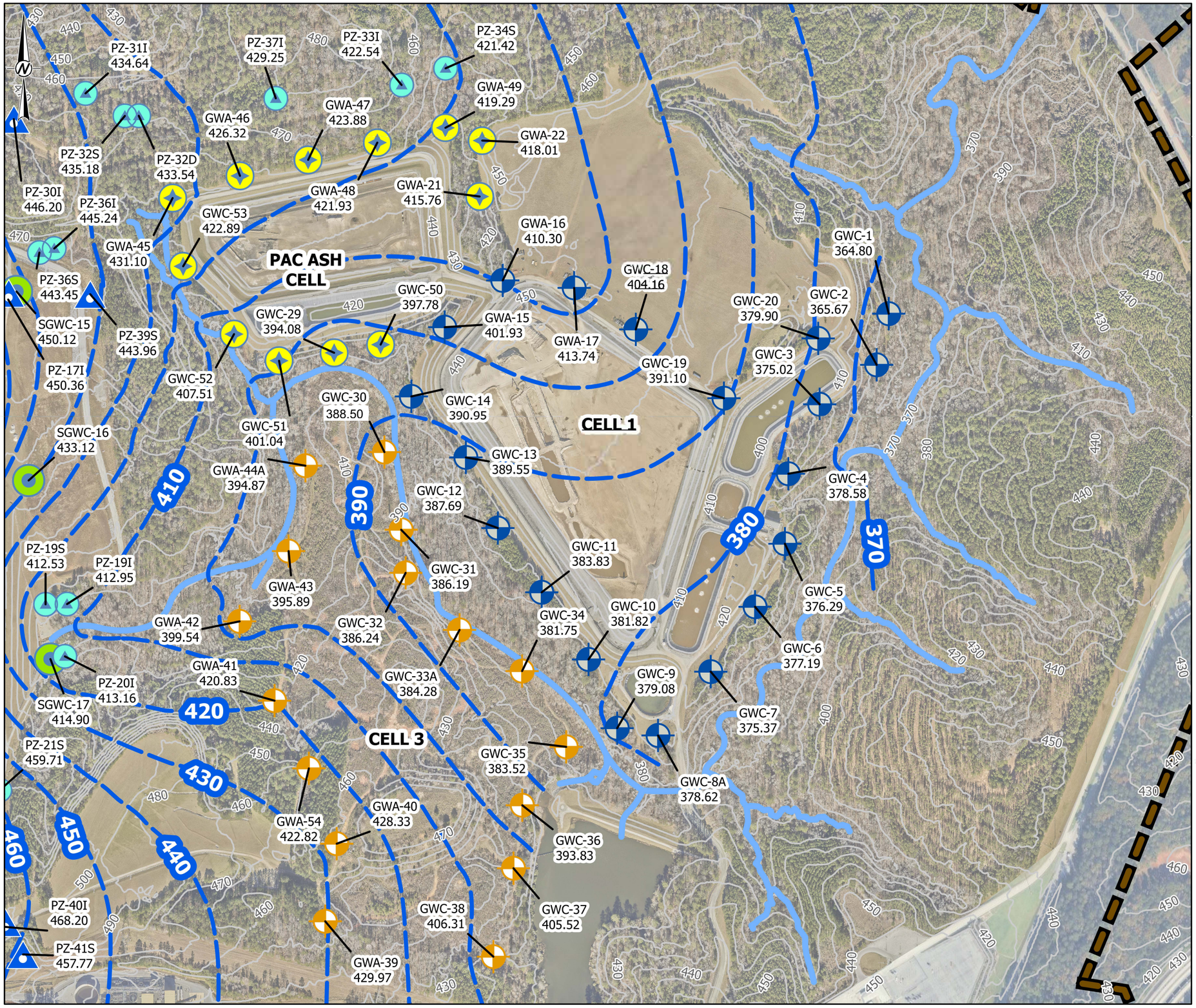
wsp

YYYY-MM-DD	2025-08-04
DESIGNED	RHG
PREPARED	RHG
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.022

FIGURE
3B

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
0 1in



LEGEND

- SCHERER ASH POND-CCR MONITORING WELL
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- PROPERTY BOUNDARY
- EXISTING TOPOGRAPHY

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED JULY 22, 2025 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. **DEEP AND INTERMEDIATE WELL AND PZ-70 GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.**
4. PZ-50D IS NOT SHOWN; ITS LOCATION IS BEYOND THE MAPPED LIMITS.

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 06/2025.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.

0 350 700 1,400 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

PROJECT
2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT
PLANT SCHERER - CELL 1 AND PAC ASH CELL

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1 AND PAC ASH CELL JULY 22, 2025

CONSULTANT

wsp

YYYY-MM-DD	2026-01-16
DESIGNED	RHG
PREPARED	CP
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO. 31406440.022 | REV 1 | FIGURE 3C

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

APPENDIX A

Field Data Forms and Instrument Calibration Forms

APPENDIX A

Field Data Forms
February 2025

Low-Flow Test Report:

Test Date / Time: 2/24/2025 12:29:29 PM
Project: GP - Plant Scherer Cell 3 SCH-GWA-39
Operator Name: Terrell Parker

Location Name: SCH-GWA-39 **Latitude: 33.07038208938489** **Longitude: -83.80061415963229** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 52.6 ft** **Total Depth: 62.6 ft** **Initial Depth to Water: 30.95 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 57 ft** **Estimated Total Volume Pumped: 8.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 2.18 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Weather Conditions:
Mostly Sunny, 59 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/24/2025 12:29 PM	00:00	6.94 pH	17.36 °C	217.09 µS/cm	4.31 mg/L	20.80 NTU	91.4 mV	30.95 ft	150.00 ml/min
2/24/2025 12:34 PM	05:00	6.84 pH	16.93 °C	215.70 µS/cm	3.27 mg/L	17.70 NTU	71.5 mV	32.16 ft	150.00 ml/min
2/24/2025 12:39 PM	10:00	6.82 pH	16.96 °C	215.36 µS/cm	3.10 mg/L	12.10 NTU	68.8 mV	32.53 ft	150.00 ml/min
2/24/2025 12:44 PM	15:00	6.82 pH	16.89 °C	215.25 µS/cm	3.07 mg/L	12.10 NTU	68.4 mV	32.78 ft	150.00 ml/min
2/24/2025 12:49 PM	20:00	6.82 pH	16.88 °C	215.55 µS/cm	3.01 mg/L	5.34 NTU	69.3 mV	33.01 ft	150.00 ml/min
2/24/2025 12:54 PM	25:00	6.82 pH	16.87 °C	215.85 µS/cm	2.97 mg/L	4.99 NTU	70.5 mV	33.05 ft	150.00 ml/min
2/24/2025 12:59 PM	30:00	6.82 pH	16.84 °C	215.98 µS/cm	2.91 mg/L	4.38 NTU	71.6 mV	33.09 ft	150.00 ml/min
2/24/2025 1:04 PM	35:00	6.83 pH	16.82 °C	216.28 µS/cm	2.90 mg/L	3.78 NTU	72.1 mV	33.12 ft	150.00 ml/min
2/24/2025 1:09 PM	40:00	6.83 pH	17.00 °C	215.74 µS/cm	2.87 mg/L	3.02 NTU	72.7 mV	33.13 ft	150.00 ml/min
2/24/2025 1:14 PM	45:00	6.82 pH	16.90 °C	216.17 µS/cm	2.86 mg/L	2.68 NTU	72.4 mV	33.13 ft	150.00 ml/min
2/24/2025 1:19 PM	50:00	6.83 pH	17.03 °C	215.66 µS/cm	2.83 mg/L	2.17 NTU	72.7 mV	33.13 ft	150.00 ml/min
2/24/2025 1:24 PM	55:00	6.83 pH	16.91 °C	216.15 µS/cm	2.84 mg/L	2.45 NTU	73.2 mV	33.13 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-39	Groundwater sample time 13:25

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/24/2025 3:03:37 PM
Project: GP - Plant Scherer Cell 3 SCH-GWA-40
Operator Name: Terrell Parker

Location Name: SCH-GWA-40 **Latitude: 33.071347433173166** **Longitude: -83.80052648492511** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.6 ft** **Total Depth: 48.6 ft** **Initial Depth to Water: 37.09 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 3.375 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 1.42 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Weather Conditions:
Clear, Sunny, 65 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/24/2025 3:03 PM	00:00	5.74 pH	18.52 °C	83.78 µS/cm	0.83 mg/L	6.90 NTU	50.3 mV	37.09 ft	150.00 ml/min
2/24/2025 3:08 PM	05:00	5.73 pH	18.72 °C	83.37 µS/cm	0.69 mg/L	5.07 NTU	47.5 mV	38.16 ft	150.00 ml/min
2/24/2025 3:13 PM	10:00	5.72 pH	18.65 °C	81.79 µS/cm	0.66 mg/L	5.08 NTU	47.0 mV	38.30 ft	150.00 ml/min
2/24/2025 3:18 PM	15:00	5.74 pH	18.25 °C	85.84 µS/cm	0.63 mg/L	3.68 NTU	45.4 mV	38.44 ft	125.00 ml/min
2/24/2025 3:23 PM	20:00	5.73 pH	18.08 °C	83.88 µS/cm	0.63 mg/L	3.07 NTU	48.6 mV	38.50 ft	100.00 ml/min
2/24/2025 3:28 PM	25:00	5.76 pH	17.99 °C	88.25 µS/cm	0.61 mg/L	1.71 NTU	47.3 mV	38.51 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-40	Groundwater sample time 15:35

Low-Flow Test Report:

Test Date / Time: 2/26/2025 12:50:29 PM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-GWA-41 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.6 ft** **Total Depth: 41.6 ft** **Initial Depth to Water: 13.62 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 36 ft** **Estimated Total Volume Pumped: 13125 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/26/2025 12:50 PM	00:00	6.45 pH	24.51 °C	151.89 µS/cm	5.80 mg/L	67.30 NTU	26.1 mV	13.62 ft	200.00 ml/min
2/26/2025 12:55 PM	05:00	6.26 pH	18.57 °C	165.39 µS/cm	1.21 mg/L	30.50 NTU	26.7 mV	13.82 ft	200.00 ml/min
2/26/2025 1:00 PM	10:00	6.26 pH	18.19 °C	169.40 µS/cm	1.23 mg/L	13.60 NTU	31.5 mV	13.81 ft	200.00 ml/min
2/26/2025 1:05 PM	15:00	6.26 pH	18.01 °C	170.50 µS/cm	1.24 mg/L	7.68 NTU	34.2 mV	13.81 ft	200.00 ml/min
2/26/2025 1:10 PM	20:00	6.26 pH	18.07 °C	171.22 µS/cm	1.22 mg/L	6.66 NTU	36.1 mV	13.82 ft	200.00 ml/min
2/26/2025 1:15 PM	25:00	6.26 pH	17.94 °C	171.22 µS/cm	1.21 mg/L	7.10 NTU	37.8 mV	13.82 ft	200.00 ml/min
2/26/2025 1:20 PM	30:00	6.25 pH	17.93 °C	171.50 µS/cm	1.20 mg/L	9.39 NTU	38.9 mV	13.88 ft	300.00 ml/min
2/26/2025 1:25 PM	35:00	6.26 pH	17.92 °C	171.69 µS/cm	1.24 mg/L	6.43 NTU	39.3 mV	13.88 ft	300.00 ml/min
2/26/2025 1:30 PM	40:00	6.27 pH	17.80 °C	171.25 µS/cm	1.22 mg/L	6.66 NTU	40.4 mV	13.88 ft	300.00 ml/min
2/26/2025 1:35 PM	45:00	6.26 pH	17.89 °C	172.88 µS/cm	1.26 mg/L	6.41 NTU	40.7 mV	13.88 ft	175.00 ml/min
2/26/2025 1:40 PM	50:00	6.26 pH	18.07 °C	173.06 µS/cm	1.26 mg/L	4.76 NTU	40.6 mV	13.79 ft	175.00 ml/min
2/26/2025 1:45 PM	55:00	6.26 pH	18.14 °C	173.13 µS/cm	1.26 mg/L	4.47 NTU	40.8 mV	13.79 ft	175.00 ml/min
2/26/2025 1:50 PM	01:00:00	6.26 pH	18.34 °C	172.56 µS/cm	1.25 mg/L	3.63 NTU	41.2 mV	13.76 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-41	Sampled at 1350

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 2:19:14 PM
Project: GP Plant Scherer Cell 3 SCH-GWA-42
Operator Name: Terrell Parker

Location Name: SCH-GWA-42 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.4 ft** **Total Depth: 22.4 ft** **Initial Depth to Water: 4.98 ft**	**Pump Type: Peristaltic** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 17.4 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.35 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Weather Conditions:
Clear, sunny, 74 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/26/2025 2:19 PM	00:00	6.48 pH	18.34 °C	240.01 µS/cm	0.41 mg/L	0.48 NTU	84.4 mV	4.98 ft	200.00 ml/min
2/26/2025 2:24 PM	05:00	6.45 pH	17.32 °C	242.64 µS/cm	0.37 mg/L	0.53 NTU	99.2 mV	5.32 ft	200.00 ml/min
2/26/2025 2:29 PM	10:00	6.45 pH	17.19 °C	243.56 µS/cm	0.35 mg/L	0.46 NTU	99.0 mV	5.33 ft	200.00 ml/min
2/26/2025 2:34 PM	15:00	6.44 pH	17.05 °C	242.68 µS/cm	0.36 mg/L	0.35 NTU	78.9 mV	5.33 ft	200.00 ml/min
2/26/2025 2:39 PM	20:00	6.44 pH	16.94 °C	241.56 µS/cm	0.34 mg/L	0.45 NTU	77.1 mV	5.33 ft	200.00 ml/min
2/26/2025 2:44 PM	25:00	6.43 pH	16.96 °C	242.45 µS/cm	0.33 mg/L	0.34 NTU	94.5 mV	5.33 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-42	Groundwater sample time 14:45

Low-Flow Test Report:

Test Date / Time: 2/26/2025 8:55:26 AM
Project: GP Plant Scherer Cell 3 SCH-GWA-43
Operator Name: Terrell Parker

Location Name: SCH-GWA-43 **Latitude: 33.066083652088366** **Longitude: -83.80686553001819** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.4 ft** **Total Depth: 22.4 ft** **Initial Depth to Water: 4.08 ft**	**Pump Type: Peristaltic** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 17.4 ft** **Estimated Total Volume Pumped: 47 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Redevelop this well before next event. Has fluffy iron bacteria precipitate. Stirs up easily.

Weather Conditions:
Clear, sunny, 49 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/26/2025 8:55 AM	00:00	6.46 pH	11.61 °C	370.64 µS/cm	1.86 mg/L	127.00 NTU	14.9 mV	4.08 ft	150.00 ml/min
2/26/2025 9:00 AM	05:00	6.46 pH	14.07 °C	365.77 µS/cm	0.46 mg/L	94.80 NTU	-6.3 mV	5.04 ft	150.00 ml/min
2/26/2025 9:05 AM	10:00	6.47 pH	14.89 °C	361.89 µS/cm	0.36 mg/L	106.00 NTU	-5.6 mV	5.24 ft	150.00 ml/min
2/26/2025 9:10 AM	15:00	4.29 pH	13.48 °C	0.00 µS/cm	10.05 mg/L	99.20 NTU	2.9 mV	5.30 ft	150.00 ml/min
2/26/2025 9:15 AM	20:00	6.45 pH	15.48 °C	363.18 µS/cm	0.30 mg/L	86.40 NTU	-12.5 mV	5.58 ft	200.00 ml/min
2/26/2025 9:20 AM	25:00	6.46 pH	15.89 °C	361.35 µS/cm	0.25 mg/L	100.00 NTU	-26.4 mV	5.72 ft	200.00 ml/min
2/26/2025 9:25 AM	30:00	6.46 pH	15.88 °C	360.55 µS/cm	0.24 mg/L	87.50 NTU	-29.8 mV	5.84 ft	200.00 ml/min
2/26/2025 9:30 AM	35:00	6.47 pH	15.93 °C	360.33 µS/cm	0.24 mg/L	77.30 NTU	-32.5 mV	5.84 ft	200.00 ml/min
2/26/2025 9:35 AM	40:00	6.47 pH	16.05 °C	360.33 µS/cm	0.23 mg/L	75.40 NTU	-34.7 mV	5.89 ft	200.00 ml/min
2/26/2025 9:40 AM	45:00	6.46 pH	16.22 °C	359.78 µS/cm	0.23 mg/L	67.90 NTU	-36.0 mV	5.94 ft	200.00 ml/min
2/26/2025 9:45 AM	50:00	6.46 pH	16.29 °C	359.66 µS/cm	0.23 mg/L	60.90 NTU	-26.8 mV	5.96 ft	200.00 ml/min
2/26/2025 9:50 AM	55:00	6.47 pH	16.35 °C	358.95 µS/cm	0.22 mg/L	55.30 NTU	-27.5 mV	5.97 ft	200.00 ml/min
2/26/2025 9:55 AM	01:00:00	6.47 pH	16.47 °C	358.59 µS/cm	0.22 mg/L	50.80 NTU	-38.1 mV	5.99 ft	200.00 ml/min

2/26/2025 10:00 AM	01:05:00	6.47 pH	16.53 °C	361.02 µS/cm	0.22 mg/L	46.60 NTU	-39.8 mV	6.02 ft	200.00 ml/min
2/26/2025 10:05 AM	01:10:00	6.47 pH	16.59 °C	360.03 µS/cm	0.21 mg/L	40.60 NTU	-40.6 mV	6.04 ft	200.00 ml/min
2/26/2025 10:10 AM	01:15:00	6.47 pH	16.62 °C	359.25 µS/cm	0.21 mg/L	37.00 NTU	-41.1 mV	6.07 ft	200.00 ml/min
2/26/2025 10:15 AM	01:20:00	6.48 pH	16.68 °C	358.94 µS/cm	0.21 mg/L	33.80 NTU	-41.6 mV	6.07 ft	200.00 ml/min
2/26/2025 10:20 AM	01:25:00	6.48 pH	16.74 °C	357.52 µS/cm	0.21 mg/L	30.60 NTU	-42.2 mV	6.07 ft	200.00 ml/min
2/26/2025 10:25 AM	01:30:00	6.48 pH	16.75 °C	357.06 µS/cm	0.21 mg/L	27.90 NTU	-42.3 mV	6.08 ft	200.00 ml/min
2/26/2025 10:30 AM	01:35:00	6.48 pH	16.87 °C	355.99 µS/cm	0.20 mg/L	24.90 NTU	-42.5 mV	6.08 ft	200.00 ml/min
2/26/2025 10:35 AM	01:40:00	6.48 pH	16.91 °C	355.27 µS/cm	0.20 mg/L	22.60 NTU	-32.0 mV	6.08 ft	200.00 ml/min
2/26/2025 10:40 AM	01:45:00	6.48 pH	16.98 °C	353.78 µS/cm	0.20 mg/L	21.00 NTU	-43.6 mV	6.08 ft	200.00 ml/min
2/26/2025 10:45 AM	01:50:00	6.48 pH	17.06 °C	352.28 µS/cm	0.20 mg/L	19.30 NTU	-43.4 mV	6.08 ft	200.00 ml/min
2/26/2025 10:50 AM	01:55:00	6.48 pH	17.09 °C	347.88 µS/cm	0.20 mg/L	18.20 NTU	-43.0 mV	6.08 ft	200.00 ml/min
2/26/2025 10:55 AM	02:00:00	6.48 pH	17.14 °C	346.13 µS/cm	0.20 mg/L	17.80 NTU	-43.5 mV	6.08 ft	200.00 ml/min
2/26/2025 11:00 AM	02:05:00	6.48 pH	17.24 °C	358.28 µS/cm	0.19 mg/L	15.80 NTU	-43.6 mV	6.08 ft	200.00 ml/min
2/26/2025 11:05 AM	02:10:00	6.48 pH	17.37 °C	356.53 µS/cm	0.19 mg/L	15.30 NTU	-43.4 mV	6.08 ft	200.00 ml/min
2/26/2025 11:10 AM	02:15:00	6.49 pH	17.18 °C	357.54 µS/cm	0.19 mg/L	14.10 NTU	-44.1 mV	6.08 ft	200.00 ml/min
2/26/2025 11:15 AM	02:20:00	6.49 pH	17.27 °C	354.06 µS/cm	0.19 mg/L	13.80 NTU	-34.0 mV	6.08 ft	200.00 ml/min
2/26/2025 11:20 AM	02:25:00	6.49 pH	17.35 °C	356.87 µS/cm	0.29 mg/L	13.70 NTU	-44.1 mV	6.08 ft	200.00 ml/min
2/26/2025 11:25 AM	02:30:00	6.49 pH	17.38 °C	355.49 µS/cm	0.29 mg/L	12.30 NTU	-43.2 mV	6.08 ft	200.00 ml/min
2/26/2025 11:30 AM	02:35:00	6.49 pH	17.45 °C	354.05 µS/cm	0.28 mg/L	12.10 NTU	-43.7 mV	6.08 ft	200.00 ml/min
2/26/2025 11:35 AM	02:40:00	6.49 pH	17.47 °C	355.89 µS/cm	0.27 mg/L	11.80 NTU	-43.6 mV	6.08 ft	200.00 ml/min
2/26/2025 11:40 AM	02:45:00	6.49 pH	17.45 °C	354.42 µS/cm	0.27 mg/L	11.40 NTU	-33.8 mV	6.08 ft	200.00 ml/min
2/26/2025 11:45 AM	02:50:00	6.49 pH	17.56 °C	352.47 µS/cm	0.26 mg/L	10.40 NTU	-42.8 mV	6.08 ft	200.00 ml/min
2/26/2025 11:50 AM	02:55:00	6.49 pH	17.63 °C	352.76 µS/cm	0.25 mg/L	9.21 NTU	-32.9 mV	6.08 ft	200.00 ml/min
2/26/2025 11:55 AM	03:00:00	6.51 pH	17.68 °C	352.28 µS/cm	0.25 mg/L	8.67 NTU	-43.8 mV	6.08 ft	200.00 ml/min
2/26/2025 12:00 PM	03:05:00	6.51 pH	17.67 °C	352.32 µS/cm	0.24 mg/L	8.84 NTU	-33.9 mV	6.08 ft	200.00 ml/min
2/26/2025 12:05 PM	03:10:00	6.51 pH	17.85 °C	352.12 µS/cm	0.24 mg/L	8.71 NTU	-44.4 mV	6.08 ft	200.00 ml/min
2/26/2025 12:10 PM	03:15:00	6.51 pH	17.87 °C	351.02 µS/cm	0.23 mg/L	8.24 NTU	-34.0 mV	6.08 ft	200.00 ml/min
2/26/2025 12:15 PM	03:20:00	6.52 pH	17.80 °C	347.84 µS/cm	0.23 mg/L	7.81 NTU	-43.0 mV	6.08 ft	200.00 ml/min
2/26/2025 12:20 PM	03:25:00	6.51 pH	17.81 °C	347.78 µS/cm	0.23 mg/L	8.08 NTU	-33.5 mV	6.08 ft	200.00 ml/min

2/26/2025 12:25 PM	03:30:00	6.51 pH	17.81 °C	349.34 µS/cm	0.22 mg/L	7.33 NTU	-32.4 mV	6.08 ft	200.00 ml/min
2/26/2025 12:30 PM	03:35:00	6.52 pH	17.86 °C	349.24 µS/cm	0.22 mg/L	6.94 NTU	-43.7 mV	6.08 ft	200.00 ml/min
2/26/2025 12:35 PM	03:40:00	6.52 pH	17.87 °C	351.54 µS/cm	0.22 mg/L	6.42 NTU	-43.7 mV	6.08 ft	200.00 ml/min
2/26/2025 12:40 PM	03:45:00	6.52 pH	17.89 °C	348.71 µS/cm	0.22 mg/L	6.16 NTU	-32.7 mV	6.08 ft	200.00 ml/min
2/26/2025 12:45 PM	03:50:00	6.52 pH	17.90 °C	348.71 µS/cm	0.21 mg/L	5.53 NTU	-34.3 mV	6.08 ft	200.00 ml/min
2/26/2025 12:50 PM	03:55:00	6.51 pH	18.08 °C	351.92 µS/cm	0.21 mg/L	4.62 NTU	-33.1 mV	6.08 ft	200.00 ml/min
2/26/2025 12:55 PM	04:00:00	6.52 pH	18.14 °C	348.64 µS/cm	0.20 mg/L	4.56 NTU	-33.7 mV	6.08 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-43	Groundwater sample time 13:00

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 10:24:30 AM
Project: SCH-GWA-44A
Operator Name: Jake Stucky

Location Name: SCH-GWA-44A **Latitude: 33.07666947963252** **Longitude: -83.8010378537701** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.5 ft** **Total Depth: 22.5 ft** **Initial Depth to Water: 4.04 ft**	**Pump Type: Peristaltic** **Tubing Type: LPDE** **Pump Intake From TOC: 17.5 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.29 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/26/2025 10:24 AM	00:00	6.65 pH	19.86 °C	207.33 µS/cm	3.19 mg/L	4.11 NTU	170.2 mV	4.04 ft	150.00 ml/min
2/26/2025 10:29 AM	05:00	6.62 pH	17.71 °C	215.31 µS/cm	0.90 mg/L	3.51 NTU	115.8 mV	4.33 ft	150.00 ml/min
2/26/2025 10:34 AM	10:00	6.63 pH	17.52 °C	217.02 µS/cm	0.73 mg/L	2.80 NTU	97.8 mV	4.33 ft	150.00 ml/min
2/26/2025 10:39 AM	15:00	6.63 pH	17.47 °C	212.78 µS/cm	0.62 mg/L	1.99 NTU	89.9 mV	4.33 ft	150.00 ml/min
2/26/2025 10:44 AM	20:00	6.63 pH	17.53 °C	212.97 µS/cm	0.59 mg/L	1.92 NTU	87.4 mV	4.33 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-44A	Sampled at 1044 FB-9 sampled at 1030

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 10:15:22 AM
Project: Scherer SAGW01 2025 (3)
Operator Name: Mark Mann

Location Name: SCH-GWA-54 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.7 ft** **Total Depth: 50.7 ft** **Initial Depth to Water: 28.13 ft**	**Pump Type: Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 32750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 4.55 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/26/2025 10:15 AM	00:00	8.71 pH	13.69 °C	149.37 µS/cm	9.96 mg/L	216.00 NTU	76.3 mV	28.13 ft	150.00 ml/min
2/26/2025 10:20 AM	05:00	6.38 pH	16.02 °C	154.63 µS/cm	0.71 mg/L	193.00 NTU	44.6 mV	29.47 ft	150.00 ml/min
2/26/2025 10:25 AM	10:00	6.26 pH	16.30 °C	155.18 µS/cm	0.42 mg/L	154.00 NTU	41.2 mV	29.62 ft	150.00 ml/min
2/26/2025 10:30 AM	15:00	6.25 pH	16.46 °C	155.92 µS/cm	0.33 mg/L	129.00 NTU	39.0 mV	29.72 ft	150.00 ml/min
2/26/2025 10:35 AM	20:00	6.24 pH	16.51 °C	155.79 µS/cm	0.32 mg/L	225.00 NTU	39.0 mV	29.72 ft	150.00 ml/min
2/26/2025 10:40 AM	25:00	6.24 pH	16.56 °C	155.78 µS/cm	0.32 mg/L	238.00 NTU	39.7 mV	30.35 ft	400.00 ml/min
2/26/2025 10:45 AM	30:00	6.27 pH	16.99 °C	153.84 µS/cm	0.24 mg/L	131.00 NTU	38.8 mV	31.45 ft	400.00 ml/min
2/26/2025 10:50 AM	35:00	6.28 pH	17.00 °C	152.26 µS/cm	0.37 mg/L	83.70 NTU	40.1 mV	32.28 ft	400.00 ml/min
2/26/2025 10:55 AM	40:00	6.25 pH	17.00 °C	154.86 µS/cm	0.41 mg/L	59.30 NTU	40.5 mV	33.06 ft	400.00 ml/min
2/26/2025 11:00 AM	45:00	6.28 pH	17.04 °C	155.24 µS/cm	0.53 mg/L	37.90 NTU	38.0 mV	33.42 ft	400.00 ml/min
2/26/2025 11:05 AM	50:00	6.29 pH	17.07 °C	155.88 µS/cm	0.58 mg/L	24.90 NTU	36.4 mV	33.68 ft	400.00 ml/min
2/26/2025 11:10 AM	55:00	6.30 pH	17.09 °C	155.32 µS/cm	0.64 mg/L	18.40 NTU	35.1 mV	33.78 ft	400.00 ml/min
2/26/2025 11:15 AM	01:00:00	6.31 pH	17.11 °C	154.88 µS/cm	0.65 mg/L	18.00 NTU	34.5 mV	33.90 ft	400.00 ml/min
2/26/2025 11:20 AM	01:05:00	6.29 pH	17.12 °C	153.56 µS/cm	0.69 mg/L	12.00 NTU	34.8 mV	34.02 ft	400.00 ml/min
2/26/2025 11:25 AM	01:10:00	6.28 pH	17.15 °C	152.69 µS/cm	0.70 mg/L	11.40 NTU	35.5 mV	34.11 ft	400.00 ml/min

2/26/2025 11:30 AM	01:15:00	6.29 pH	17.18 °C	152.61 µS/cm	0.69 mg/L	9.67 NTU	35.2 mV	34.05 ft	400.00 ml/min
2/26/2025 11:35 AM	01:20:00	6.30 pH	17.21 °C	151.76 µS/cm	0.69 mg/L	9.57 NTU	34.6 mV	34.11 ft	400.00 ml/min
2/26/2025 11:40 AM	01:25:00	6.31 pH	17.29 °C	151.54 µS/cm	0.71 mg/L	9.03 NTU	34.5 mV	34.11 ft	250.00 ml/min
2/26/2025 11:45 AM	01:30:00	6.31 pH	17.27 °C	151.35 µS/cm	0.68 mg/L	6.46 NTU	34.4 mV	33.24 ft	250.00 ml/min
2/26/2025 11:50 AM	01:35:00	6.29 pH	17.54 °C	149.89 µS/cm	0.66 mg/L	4.79 NTU	35.3 mV	32.92 ft	250.00 ml/min
2/26/2025 11:55 AM	01:40:00	6.28 pH	17.58 °C	149.80 µS/cm	0.64 mg/L	3.69 NTU	35.4 mV	32.65 ft	250.00 ml/min
2/26/2025 12:00 PM	01:45:00	6.30 pH	17.45 °C	149.90 µS/cm	0.61 mg/L	3.61 NTU	35.0 mV	32.68 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-54	Sampled at 1200

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 11:34:53 AM
Project: SCH-GWC-30
Operator Name: Jake Stucky

Location Name: SCH-GWC-30 **Latitude: 33.07684841285416** **Longitude: -83.79984549155296** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 10.3 ft** **Total Depth: 20.3 ft** **Initial Depth to Water: 5.75 ft**	**Pump Type: Peristaltic** **Tubing Type: LPDE** **Pump Intake From TOC: 15.3 ft** **Estimated Total Volume Pumped: 6155 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.32 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/26/2025 11:34 AM	00:00	6.39 pH	26.42 °C	219.65 µS/cm	4.57 mg/L	4.16 NTU	182.9 mV	5.75 ft	150.00 ml/min
2/26/2025 11:39 AM	05:00	6.33 pH	18.43 °C	240.80 µS/cm	3.15 mg/L	3.16 NTU	130.1 mV	5.91 ft	150.00 ml/min
2/26/2025 11:45 AM	11:02	6.33 pH	17.08 °C	254.49 µS/cm	3.08 mg/L	2.23 NTU	144.4 mV	6.07 ft	150.00 ml/min
2/26/2025 11:50 AM	16:02	6.34 pH	17.03 °C	258.13 µS/cm	3.01 mg/L	1.95 NTU	121.8 mV	6.07 ft	150.00 ml/min
2/26/2025 11:55 AM	21:02	6.34 pH	16.87 °C	251.74 µS/cm	2.84 mg/L	1.77 NTU	119.9 mV	6.07 ft	150.00 ml/min
2/26/2025 12:00 PM	26:02	6.34 pH	16.79 °C	249.36 µS/cm	2.68 mg/L	1.65 NTU	118.1 mV	6.07 ft	150.00 ml/min
2/26/2025 12:05 PM	31:02	6.33 pH	16.64 °C	240.24 µS/cm	2.52 mg/L	0.74 NTU	117.4 mV	6.07 ft	150.00 ml/min
2/26/2025 12:10 PM	36:02	6.31 pH	16.75 °C	241.88 µS/cm	2.47 mg/L	1.40 NTU	117.1 mV	6.07 ft	150.00 ml/min
2/26/2025 12:15 PM	41:02	6.31 pH	17.12 °C	237.27 µS/cm	2.38 mg/L	2.45 NTU	116.8 mV	6.07 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-30	Sampled at 1215

Low-Flow Test Report:

Test Date / Time: 2/25/2025 2:51:00 PM
Project: SCH-GWC-31
Operator Name: Jake Stucky

Location Name: SCH-GWC-31 **Latitude: 33.07575665103162** **Longitude: -83.79952043485802** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.4 ft** **Total Depth: 22.4 ft** **Initial Depth to Water: 5.23 ft**	**Pump Type: Peristaltic** **Tubing Type: LPDE** **Pump Intake From TOC: 17.4 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/25/2025 2:51 PM	00:00	6.83 pH	22.83 °C	192.70 µS/cm	3.44 mg/L	1.88 NTU	164.4 mV	5.23 ft	150.00 ml/min
2/25/2025 2:56 PM	05:00	6.81 pH	17.79 °C	207.84 µS/cm	2.30 mg/L	1.66 NTU	110.6 mV	5.30 ft	150.00 ml/min
2/25/2025 3:01 PM	10:00	6.81 pH	17.37 °C	210.52 µS/cm	2.21 mg/L	2.31 NTU	95.2 mV	5.34 ft	150.00 ml/min
2/25/2025 3:06 PM	15:00	6.81 pH	17.30 °C	213.16 µS/cm	2.15 mg/L	0.70 NTU	90.3 mV	5.35 ft	150.00 ml/min
2/25/2025 3:11 PM	20:00	6.78 pH	16.98 °C	217.44 µS/cm	2.16 mg/L	1.20 NTU	88.1 mV	5.36 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-31	Sampled at 1511

Low-Flow Test Report:

Test Date / Time: 2/25/2025 9:59:59 AM
Project: SCH-GWC-32
Operator Name: Jake Stucky

Location Name: SCH-GWC-32 **Latitude: 33.07516833490031** **Longitude: -83.7993497034551** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27 ft** **Total Depth: 37 ft** **Initial Depth to Water: 23.39 ft**	**Pump Type: Peristaltic** **Tubing Type: LPDE** **Pump Intake From TOC: 32 ft** **Estimated Total Volume Pumped: 3442.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/25/2025 9:59 AM	00:00	6.37 pH	16.98 °C	180.92 µS/cm	4.97 mg/L	3.39 NTU	195.2 mV	23.39 ft	150.00 ml/min
2/25/2025 10:12 AM	12:57	6.26 pH	17.26 °C	179.12 µS/cm	1.15 mg/L	2.09 NTU	182.9 mV	24.80 ft	150.00 ml/min
2/25/2025 10:17 AM	17:57	6.28 pH	17.39 °C	178.63 µS/cm	1.12 mg/L	1.94 NTU	140.3 mV	25.31 ft	150.00 ml/min
2/25/2025 10:22 AM	22:57	6.27 pH	17.56 °C	177.21 µS/cm	1.04 mg/L	1.29 NTU	133.9 mV	25.39 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-32	Sampled at 1024
SCH-CELL3FD-10	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 12:06:37 PM
Project: SCH-GWC-33A
Operator Name: Jake Stucky

Location Name: SCH-GWC-33A **Latitude: 33.07435774895827** **Longitude: -83.79846641986431** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 16.73 ft** **Total Depth: 26.73 ft** **Initial Depth to Water: 9.55 ft**	**Pump Type: Peristaltic** **Tubing Type: LPDE** **Pump Intake From TOC: 21.73 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/25/2025 12:06 PM	00:00	6.44 pH	24.44 °C	157.81 µS/cm	6.58 mg/L	4.98 NTU	153.5 mV	9.55 ft	150.00 ml/min
2/25/2025 12:11 PM	05:00	6.40 pH	20.19 °C	167.01 µS/cm	5.90 mg/L	2.51 NTU	130.5 mV	9.72 ft	150.00 ml/min
2/25/2025 12:16 PM	10:00	6.39 pH	20.08 °C	167.22 µS/cm	5.82 mg/L	4.06 NTU	131.2 mV	9.73 ft	150.00 ml/min
2/25/2025 12:21 PM	15:00	6.39 pH	20.02 °C	166.15 µS/cm	5.77 mg/L	2.25 NTU	134.0 mV	9.75 ft	150.00 ml/min
2/25/2025 12:26 PM	20:00	6.36 pH	20.03 °C	168.48 µS/cm	5.67 mg/L	2.70 NTU	168.2 mV	9.75 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-33A	Extra Rad

Low-Flow Test Report:

Test Date / Time: 2/25/2025 1:19:43 PM
Project: SCH-GWC-34
Operator Name: Jake Stucky

Location Name: SCH-GWC-34 **Latitude: 33.07378142780357** **Longitude: -83.79749337032025** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.3 ft** **Total Depth: 22.3 ft** **Initial Depth to Water: 7.3 ft**	**Pump Type: Peristaltic** **Tubing Type: LPDE** **Pump Intake From TOC: 17.3 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.53 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/25/2025 1:19 PM	00:00	6.26 pH	25.68 °C	146.53 µS/cm	3.87 mg/L	5.53 NTU	126.1 mV	7.30 ft	150.00 ml/min
2/25/2025 1:24 PM	05:00	6.24 pH	19.37 °C	159.54 µS/cm	3.47 mg/L	2.45 NTU	145.1 mV	7.80 ft	150.00 ml/min
2/25/2025 1:29 PM	10:00	6.25 pH	19.25 °C	158.13 µS/cm	3.47 mg/L	1.76 NTU	119.0 mV	7.80 ft	150.00 ml/min
2/25/2025 1:34 PM	15:00	6.24 pH	19.30 °C	157.02 µS/cm	3.48 mg/L	1.58 NTU	115.7 mV	7.83 ft	150.00 ml/min
2/25/2025 1:39 PM	20:00	6.25 pH	19.30 °C	157.29 µS/cm	3.53 mg/L	0.69 NTU	144.6 mV	7.83 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-34	

Low-Flow Test Report:

Test Date / Time: 2/25/2025 9:57:34 AM
Project: GP Plant Scherer Cell 3 SCH-GWC-35
Operator Name: Terrell Parker

Location Name: SCH-GWC-35 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.7 ft** **Total Depth: 22.7 ft** **Initial Depth to Water: 4.72 ft**	**Pump Type: Peristaltic** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 17.7 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.11 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Weather Conditions:
Clear, sunny, 55 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/25/2025 9:57 AM	00:00	6.80 pH	18.97 °C	338.29 µS/cm	0.77 mg/L	1.99 NTU	193.7 mV	4.72 ft	200.00 ml/min
2/25/2025 10:02 AM	05:00	6.50 pH	17.48 °C	357.16 µS/cm	0.50 mg/L	1.51 NTU	136.8 mV	4.83 ft	200.00 ml/min
2/25/2025 10:07 AM	10:00	6.46 pH	17.41 °C	361.25 µS/cm	0.44 mg/L	1.49 NTU	152.8 mV	4.83 ft	200.00 ml/min
2/25/2025 10:12 AM	15:00	6.45 pH	17.42 °C	360.67 µS/cm	0.41 mg/L	1.14 NTU	142.4 mV	4.83 ft	200.00 ml/min
2/25/2025 10:17 AM	20:00	6.45 pH	17.57 °C	358.33 µS/cm	0.38 mg/L	1.01 NTU	133.9 mV	4.83 ft	200.00 ml/min
2/25/2025 10:22 AM	25:00	6.45 pH	17.63 °C	360.29 µS/cm	0.37 mg/L	0.70 NTU	127.2 mV	4.83 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-35	Groundwater sample time 10:27
SCH-Cell3-FD-9	Duplicate groundwater sample

Low-Flow Test Report:

Test Date / Time: 2/26/2025 9:08:05 AM
Project: SCH-GWC-36
Operator Name: Jake Stucky

Location Name: SCH-GWC-36 **Latitude: 33.07197073543492** **Longitude: -83.79746786243152** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.9 ft** **Total Depth: 47.9 ft** **Initial Depth to Water: 32.72 ft**	**Pump Type: Bladder** **Tubing Type: LPDE** **Pump Intake From TOC: 42.9 ft** **Estimated Total Volume Pumped: 3750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/26/2025 9:08 AM	00:00	6.18 pH	16.09 °C	192.49 µS/cm	8.00 mg/L	3.20 NTU	191.4 mV	32.72 ft	150.00 ml/min
2/26/2025 9:13 AM	05:00	5.88 pH	17.11 °C	176.22 µS/cm	4.12 mg/L	1.50 NTU	170.5 mV	33.02 ft	150.00 ml/min
2/26/2025 9:18 AM	10:00	5.88 pH	17.25 °C	175.41 µS/cm	3.65 mg/L	1.76 NTU	162.9 mV	33.02 ft	150.00 ml/min
2/26/2025 9:23 AM	15:00	5.87 pH	17.30 °C	175.28 µS/cm	3.45 mg/L	0.46 NTU	159.9 mV	33.02 ft	150.00 ml/min
2/26/2025 9:28 AM	20:00	5.87 pH	17.30 °C	177.01 µS/cm	3.36 mg/L	0.43 NTU	193.2 mV	33.02 ft	150.00 ml/min
2/26/2025 9:33 AM	25:00	5.88 pH	17.33 °C	175.12 µS/cm	3.30 mg/L	0.37 NTU	158.5 mV	33.02 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-36	Sampled at 0933

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 12:30:10 PM
Project: GP Plant Scherer Cell 3 SCH-GWC-37
Operator Name: Terrell Parker

Location Name: SCH-GWC-37 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 35.81 ft** **Total Depth: 45.81 ft** **Initial Depth to Water: 24.18 ft**	**Pump Type: Peristaltic** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 40.8 ft** **Estimated Total Volume Pumped: 6.875 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.23 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Weather Conditions:
Clear, sunny, 68 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/25/2025 12:30 PM	00:00	6.35 pH	21.56 °C	163.99 µS/cm	4.55 mg/L	4.70 NTU	164.4 mV	24.18 ft	175.00 ml/min
2/25/2025 12:35 PM	05:00	6.33 pH	19.85 °C	167.32 µS/cm	5.33 mg/L	2.05 NTU	145.2 mV	24.38 ft	200.00 ml/min
2/25/2025 12:40 PM	10:00	6.33 pH	19.41 °C	165.47 µS/cm	6.02 mg/L	1.99 NTU	143.9 mV	24.41 ft	200.00 ml/min
2/25/2025 12:45 PM	15:00	6.35 pH	19.16 °C	164.85 µS/cm	5.45 mg/L	1.53 NTU	193.1 mV	24.41 ft	200.00 ml/min
2/25/2025 12:50 PM	20:00	6.35 pH	19.01 °C	163.05 µS/cm	4.79 mg/L	1.36 NTU	194.1 mV	24.41 ft	200.00 ml/min
2/25/2025 12:55 PM	25:00	6.32 pH	19.04 °C	159.07 µS/cm	5.95 mg/L	1.18 NTU	193.8 mV	24.41 ft	200.00 ml/min
2/25/2025 1:00 PM	30:00	6.34 pH	19.03 °C	158.51 µS/cm	6.07 mg/L	0.84 NTU	193.0 mV	24.41 ft	200.00 ml/min
2/25/2025 1:05 PM	35:00	6.33 pH	19.01 °C	161.46 µS/cm	5.92 mg/L	0.81 NTU	192.4 mV	24.41 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-37	Groundwater sample time 13:10

Low-Flow Test Report:

Test Date / Time: 2/25/2025 2:20:14 PM
Project: GP Plant Scherer Cell 3 SCH-GWC-38
Operator Name: Terrell Parker

Location Name: SCH-GWC-38 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.96 ft** **Total Depth: 43.96 ft** **Initial Depth to Water: 11.95 ft**	**Pump Type: Peristaltic** **Tubing Type: 1/4 LDPE** **Pump Intake From TOC: 39 ft** **Estimated Total Volume Pumped: 4.625 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 2.52 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Weather Conditions:
Clear, sunny, 71 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 1	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/25/2025 2:20 PM	00:00	6.66 pH	19.85 °C	165.10 µS/cm	1.80 mg/L	6.62 NTU	179.6 mV	11.95 ft	175.00 ml/min
2/25/2025 2:25 PM	05:00	6.68 pH	19.41 °C	166.29 µS/cm	1.76 mg/L	5.17 NTU	120.4 mV	13.94 ft	150.00 ml/min
2/25/2025 2:30 PM	10:00	6.69 pH	19.59 °C	167.01 µS/cm	1.71 mg/L	5.17 NTU	149.6 mV	14.14 ft	150.00 ml/min
2/25/2025 2:35 PM	15:00	6.69 pH	19.44 °C	166.80 µS/cm	1.62 mg/L	3.81 NTU	147.2 mV	14.32 ft	150.00 ml/min
2/25/2025 2:40 PM	20:00	6.68 pH	19.36 °C	166.79 µS/cm	1.64 mg/L	2.31 NTU	145.4 mV	14.41 ft	150.00 ml/min
2/25/2025 2:45 PM	25:00	6.69 pH	19.42 °C	167.13 µS/cm	1.63 mg/L	1.60 NTU	144.2 mV	14.45 ft	150.00 ml/min
2/25/2025 2:50 PM	30:00	6.68 pH	19.23 °C	167.17 µS/cm	1.64 mg/L	1.32 NTU	143.1 mV	14.47 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-38	Groundwater sample time 14:55

Low-Flow Test Report:

Test Date / Time: 2/25/2025 12:42:35 PM
Project: SCH-GWA-15
Operator Name: Zach West

Location Name: SCH-GWA-15 **Latitude: 33.07859093391512** **Longitude: -83.79875934793424** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 19.54 ft** **Total Depth: 29.54 ft** **Initial Depth to Water: 12.35 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 20.94 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.29 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
67 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/25/2025 12:42 PM	00:00	5.45 pH	19.24 °C	61.82 µS/cm	1.25 mg/L	1.67 NTU	222.9 mV	12.35 ft	200.00 ml/min
2/25/2025 12:47 PM	05:00	5.43 pH	18.37 °C	62.84 µS/cm	0.64 mg/L	2.59 NTU	270.5 mV	12.65 ft	200.00 ml/min
2/25/2025 12:52 PM	10:00	5.43 pH	18.20 °C	62.77 µS/cm	0.39 mg/L	2.04 NTU	268.6 mV	12.64 ft	200.00 ml/min
2/25/2025 12:57 PM	15:00	5.43 pH	18.13 °C	62.59 µS/cm	0.30 mg/L	0.84 NTU	258.8 mV	12.64 ft	200.00 ml/min
2/25/2025 1:02 PM	20:00	5.43 pH	18.20 °C	62.61 µS/cm	0.31 mg/L	1.09 NTU	251.4 mV	12.64 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-15	Sampled at 1303

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 9:38:06 AM
Project: SCH-GWA-16
Operator Name: EEA

Location Name: SCH-GWA-16 **Latitude: 33.07929955867823** **Longitude: -83.79767045197045** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 47.93 ft** **Total Depth: 57.93 ft** **Initial Depth to Water: 34.2 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 47.93 ft** **Estimated Total Volume Pumped: 3196.667 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/25/2025 9:38 AM	00:00	8.80 pH	19.83 °C	1.22 µS/cm	8.29 mg/L		173.0 mV	34.20 ft	200.00 ml/min
2/25/2025 9:43 AM	05:00	6.79 pH	18.18 °C	149.34 µS/cm	5.57 mg/L	1.07 NTU	436.1 mV	34.40 ft	200.00 ml/min
2/25/2025 9:49 AM	10:59	6.75 pH	18.21 °C	150.36 µS/cm	5.41 mg/L	1.71 NTU	413.2 mV	34.40 ft	200.00 ml/min
2/25/2025 9:54 AM	15:59	6.76 pH	18.25 °C	149.79 µS/cm	5.37 mg/L	1.50 NTU	518.5 mV	34.40 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-16	Sampled at 0955

Low-Flow Test Report:

Test Date / Time: 2/26/2025 8:56:52 AM
Project: SCH-GWA-17
Operator Name: EEA

Location Name: SCH-GWA-17 **Latitude: 33.07916903920856** **Longitude: -83.79658667527337** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 36.76 ft** **Total Depth: 46.76 ft** **Initial Depth to Water: 32.82 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 41.76 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.37 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/26/2025 8:56 AM	00:00	9.75 pH	22.25 °C	7.89 µS/cm	8.28 mg/L	1.61 NTU	262.0 mV	32.82 ft	200.00 ml/min
2/26/2025 9:01 AM	05:00	6.68 pH	18.57 °C	95.41 µS/cm	7.39 mg/L	1.69 NTU	408.2 mV	33.15 ft	200.00 ml/min
2/26/2025 9:06 AM	10:00	6.63 pH	18.58 °C	98.37 µS/cm	7.29 mg/L	1.76 NTU	450.6 mV	33.18 ft	200.00 ml/min
2/26/2025 9:11 AM	15:00	6.63 pH	18.62 °C	102.10 µS/cm	7.28 mg/L	1.53 NTU	476.1 mV	33.19 ft	200.00 ml/min
2/26/2025 9:16 AM	20:00	6.65 pH	18.58 °C	104.82 µS/cm	7.29 mg/L	1.90 NTU	503.1 mV	33.19 ft	200.00 ml/min
2/26/2025 9:21 AM	25:00	6.65 pH	18.59 °C	106.46 µS/cm	7.25 mg/L	1.62 NTU	520.9 mV	33.19 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-17	Sampled at 9:22

Low-Flow Test Report:

Test Date / Time: 2/25/2025 10:36:20 AM
Project: SCH-GWA-21
Operator Name: EEA

Location Name: SCH-GWA-21 **Latitude: 33.08046266905326** **Longitude: -83.79813579850253** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 10.6 ft** **Total Depth: 20.6 ft** **Initial Depth to Water: 6.3 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 15.6 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/25/2025 10:36 AM	00:00	7.19 pH	28.18 °C	0.00 µS/cm	7.10 mg/L		329.9 mV	6.30 ft	200.00 ml/min
2/25/2025 10:41 AM	05:00	7.09 pH	22.97 °C	94.54 µS/cm	5.77 mg/L	1.50 NTU	481.2 mV	6.50 ft	200.00 ml/min
2/25/2025 10:46 AM	10:00	6.05 pH	16.62 °C	106.26 µS/cm	2.14 mg/L	1.45 NTU	609.9 mV	6.58 ft	200.00 ml/min
2/25/2025 10:51 AM	15:00	6.06 pH	16.36 °C	103.76 µS/cm	2.27 mg/L	1.77 NTU	625.9 mV	6.58 ft	200.00 ml/min
2/25/2025 10:56 AM	20:00	6.06 pH	16.31 °C	101.40 µS/cm	2.41 mg/L	2.30 NTU	694.7 mV	6.58 ft	200.00 ml/min
2/25/2025 11:01 AM	25:00	6.07 pH	16.35 °C	101.94 µS/cm	2.46 mg/L	1.80 NTU	635.9 mV	6.60 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-21	Sampled at 1100

Low-Flow Test Report:

Test Date / Time: 2/25/2025 12:14:40 PM
Project: SCH-GWA-22
Operator Name: EEA

Location Name: SCH-GWA-22 **Latitude: 33.08121256096346** **Longitude: -83.798076203073** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.5 ft** **Total Depth: 42.5 ft** **Initial Depth to Water: 26.3 ft**	**Pump Type: Peristaltic** **Tubing Type: LPE** **Pump Intake From TOC: 37.5 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/25/2025 12:14 PM	00:00	7.01 pH	28.01 °C	0.00 µS/cm	7.22 mg/L		354.5 mV	26.30 ft	200.00 ml/min
2/25/2025 12:19 PM	05:00	6.67 pH	21.48 °C	129.60 µS/cm	3.74 mg/L	2.22 NTU	602.6 mV	26.45 ft	200.00 ml/min
2/25/2025 12:24 PM	10:00	6.69 pH	20.03 °C	132.56 µS/cm	3.78 mg/L	1.96 NTU	653.2 mV	26.45 ft	200.00 ml/min
2/25/2025 12:29 PM	15:00	6.71 pH	19.95 °C	132.31 µS/cm	3.75 mg/L	2.55 NTU	686.4 mV	26.45 ft	200.00 ml/min
2/25/2025 12:34 PM	20:00	6.66 pH	19.94 °C	131.22 µS/cm	3.74 mg/L	1.88 NTU	787.3 mV	26.45 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-22	Sampled at 12:35

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 9:50:18 AM
Project: SCH-GWA-45
Operator Name: EEA

Location Name: SCH-GWA-45 **Latitude: 33.08037967886781** **Longitude: -83.80341588759637** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 26 ft** **Total Depth: 36 ft** **Initial Depth to Water: 19.5 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.9 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/26/2025 9:50 AM	00:00	7.58 pH	24.71 °C	0.00 µS/cm	7.92 mg/L		229.4 mV	19.50 ft	200.00 ml/min
2/26/2025 9:55 AM	05:00	7.17 pH	18.91 °C	446.90 µS/cm	1.85 mg/L	2.56 NTU	509.8 mV	20.30 ft	200.00 ml/min
2/26/2025 10:00 AM	10:00	7.16 pH	18.73 °C	458.18 µS/cm	1.54 mg/L	2.17 NTU	560.5 mV	20.36 ft	200.00 ml/min
2/26/2025 10:05 AM	15:00	7.04 pH	18.76 °C	457.53 µS/cm	1.24 mg/L	2.08 NTU	599.0 mV	20.40 ft	200.00 ml/min
2/26/2025 10:10 AM	20:00	6.94 pH	18.82 °C	450.26 µS/cm	0.99 mg/L	2.18 NTU	629.4 mV	20.40 ft	200.00 ml/min
2/26/2025 10:15 AM	25:00	6.88 pH	18.92 °C	456.85 µS/cm	0.84 mg/L	1.34 NTU	665.8 mV	20.40 ft	200.00 ml/min
2/26/2025 10:20 AM	30:00	6.85 pH	18.95 °C	452.20 µS/cm	0.76 mg/L	1.78 NTU	694.1 mV	20.40 ft	200.00 ml/min
2/26/2025 10:25 AM	35:00	6.85 pH	19.09 °C	449.13 µS/cm	0.75 mg/L	1.52 NTU	720.9 mV	20.40 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-45	Sampled at 1025

Low-Flow Test Report:

Test Date / Time: 2/26/2025 9:25:27 AM
Project: SCH-GWA-46
Operator Name: Zach West

Location Name: SCH-GWA-46 **Latitude: 33.080756434895584** **Longitude: -83.80215754340094** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37 ft** **Total Depth: 47 ft** **Initial Depth to Water: 34.83 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 38.44 ft** **Estimated Total Volume Pumped: 2400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.43 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
46 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/26/2025 9:25 AM	00:00	6.13 pH	17.53 °C	78.48 µS/cm	4.99 mg/L	1.17 NTU	173.5 mV	34.83 ft	120.00 ml/min
2/26/2025 9:30 AM	05:00	5.98 pH	17.70 °C	78.69 µS/cm	2.94 mg/L	4.52 NTU	173.4 mV	35.15 ft	120.00 ml/min
2/26/2025 9:35 AM	10:00	5.94 pH	17.71 °C	78.13 µS/cm	2.14 mg/L	3.50 NTU	228.5 mV	35.15 ft	120.00 ml/min
2/26/2025 9:40 AM	15:00	5.92 pH	17.79 °C	77.88 µS/cm	2.01 mg/L	2.18 NTU	235.7 mV	35.23 ft	120.00 ml/min
2/26/2025 9:45 AM	20:00	5.92 pH	17.88 °C	77.74 µS/cm	1.91 mg/L	0.95 NTU	179.9 mV	35.26 ft	120.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-46	Sampled at 0946

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 10:40:12 AM
Project: SCH-GWA-47
Operator Name: Zach West

Location Name: SCH-GWA-47 **Latitude: 33.08097750179426** **Longitude: -83.80095565777569** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 46.55 ft** **Total Depth: 56.55 ft** **Initial Depth to Water: 42.03 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 48.02 ft** **Estimated Total Volume Pumped: 2400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 1.35 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
62 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/26/2025 10:40 AM	00:00	6.76 pH	27.43 °C	115.06 µS/cm	6.83 mg/L	0.76 NTU	150.3 mV	42.03 ft	120.00 ml/min
2/26/2025 10:45 AM	05:00	6.50 pH	20.20 °C	133.24 µS/cm	6.46 mg/L	0.28 NTU	254.4 mV	42.93 ft	120.00 ml/min
2/26/2025 10:50 AM	10:00	6.51 pH	19.88 °C	134.07 µS/cm	6.43 mg/L	0.20 NTU	285.0 mV	43.20 ft	120.00 ml/min
2/26/2025 10:55 AM	15:00	6.50 pH	19.72 °C	134.47 µS/cm	6.21 mg/L	0.24 NTU	289.2 mV	43.32 ft	120.00 ml/min
2/26/2025 11:00 AM	20:00	6.50 pH	19.85 °C	134.66 µS/cm	6.16 mg/L	0.42 NTU	309.1 mV	43.38 ft	120.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-47	Sampled at 1101

Low-Flow Test Report:

Test Date / Time: 2/26/2025 11:53:29 AM
Project: SCH-GWA-48
Operator Name: Zach West

Location Name: SCH-GWA-48 **Latitude: 33.08123972073988** **Longitude: -83.7998719021634** **Well Diameter: 2 cm** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 62.92 ft** **Total Depth: 73.92 ft** **Initial Depth to Water: 40.24 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 68.92 ft** **Estimated Total Volume Pumped: 6000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.96 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
68 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/26/2025 11:53 AM	00:00	6.67 pH	25.59 °C	105.34 µS/cm	6.91 mg/L	0.24 NTU	157.7 mV	40.24 ft	200.00 ml/min
2/26/2025 11:58 AM	05:00	6.82 pH	19.50 °C	119.72 µS/cm	5.10 mg/L	1.10 NTU	285.5 mV	42.00 ft	200.00 ml/min
2/26/2025 12:03 PM	10:00	6.84 pH	19.02 °C	120.63 µS/cm	4.99 mg/L	0.60 NTU	289.1 mV	42.52 ft	200.00 ml/min
2/26/2025 12:08 PM	15:00	6.84 pH	19.10 °C	120.92 µS/cm	4.89 mg/L	2.10 NTU	280.6 mV	42.86 ft	200.00 ml/min
2/26/2025 12:13 PM	20:00	6.84 pH	18.87 °C	121.29 µS/cm	4.94 mg/L	2.27 NTU	386.5 mV	43.10 ft	200.00 ml/min
2/26/2025 12:18 PM	25:00	6.84 pH	18.84 °C	120.94 µS/cm	4.97 mg/L	2.57 NTU	385.9 mV	43.20 ft	200.00 ml/min
2/26/2025 12:23 PM	30:00	6.85 pH	18.93 °C	121.31 µS/cm	5.02 mg/L	3.00 NTU	377.2 mV	43.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-48	Sampled at 1224

Low-Flow Test Report:

Test Date / Time: 2/26/2025 1:03:58 PM
Project: SCH-GWA-49
Operator Name: Zach West

Location Name: SCH-GWA-49 **Latitude: 33.08143828067292** **Longitude: -83.79867718562838** **Well Diameter: 2 cm** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31 ft** **Total Depth: 41 ft** **Initial Depth to Water: 13.15 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 36 ft** **Estimated Total Volume Pumped: 14400 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 240 ml/min** **Final Draw Down: 1.26 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
72 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/26/2025 1:03 PM	00:00	7.16 pH	27.05 °C	124.50 µS/cm	6.39 mg/L	1.38 NTU	168.1 mV	13.15 ft	200.00 ml/min
2/26/2025 1:08 PM	05:00	6.96 pH	19.50 °C	136.22 µS/cm	7.33 mg/L	3.18 NTU	314.3 mV	14.02 ft	200.00 ml/min
2/26/2025 1:13 PM	10:00	6.96 pH	19.06 °C	136.85 µS/cm	7.36 mg/L	4.40 NTU	331.6 mV	14.12 ft	200.00 ml/min
2/26/2025 1:18 PM	15:00	6.97 pH	19.09 °C	136.33 µS/cm	7.33 mg/L	4.74 NTU	342.0 mV	14.10 ft	200.00 ml/min
2/26/2025 1:23 PM	20:00	6.96 pH	19.17 °C	136.51 µS/cm	7.32 mg/L	4.05 NTU	339.3 mV	14.10 ft	200.00 ml/min
2/26/2025 1:28 PM	25:00	6.96 pH	19.01 °C	136.33 µS/cm	7.33 mg/L	4.38 NTU	343.8 mV	14.10 ft	200.00 ml/min
2/26/2025 1:33 PM	30:00	6.96 pH	18.70 °C	136.67 µS/cm	7.38 mg/L	4.41 NTU	345.1 mV	14.35 ft	240.00 ml/min
2/26/2025 1:38 PM	35:00	6.96 pH	18.65 °C	136.89 µS/cm	7.41 mg/L	3.41 NTU	346.2 mV	14.41 ft	240.00 ml/min
2/26/2025 1:43 PM	40:00	6.96 pH	18.61 °C	136.59 µS/cm	7.39 mg/L	3.96 NTU	352.3 mV	14.41 ft	240.00 ml/min
2/26/2025 1:48 PM	45:00	6.96 pH	18.70 °C	136.70 µS/cm	7.40 mg/L	4.03 NTU	513.7 mV	14.41 ft	240.00 ml/min
2/26/2025 1:53 PM	50:00	6.96 pH	18.66 °C	136.39 µS/cm	7.43 mg/L	3.16 NTU	343.9 mV	14.41 ft	240.00 ml/min
2/26/2025 1:58 PM	55:00	6.96 pH	18.64 °C	136.36 µS/cm	7.38 mg/L	3.40 NTU	335.9 mV	14.41 ft	240.00 ml/min
2/26/2025 2:03 PM	01:00:00	6.96 pH	18.66 °C	136.90 µS/cm	7.39 mg/L	3.28 NTU	349.6 mV	14.41 ft	240.00 ml/min

2/26/2025 2:08 PM	01:05:00	6.96 pH	18.63 °C	136.52 µS/cm	7.39 mg/L	2.89 NTU	346.4 mV	14.41 ft	240.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-49	Sampled at 1411

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 12:57:05 PM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-GWC-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.72 ft** **Total Depth: 38.72 ft** **Initial Depth to Water: 8.51 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 33 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.4 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/25/2025 12:57 PM	00:00	6.76 pH	26.87 °C	168.97 µS/cm	5.34 mg/L	3.36 NTU	41.0 mV	8.51 ft	250.00 ml/min
2/25/2025 1:02 PM	05:00	6.81 pH	19.27 °C	189.03 µS/cm	5.89 mg/L	1.29 NTU	36.7 mV	8.88 ft	250.00 ml/min
2/25/2025 1:07 PM	10:00	6.82 pH	19.06 °C	190.44 µS/cm	5.85 mg/L	1.01 NTU	38.4 mV	8.91 ft	250.00 ml/min
2/25/2025 1:12 PM	15:00	6.81 pH	18.87 °C	189.67 µS/cm	5.72 mg/L	1.16 NTU	40.3 mV	8.91 ft	250.00 ml/min
2/25/2025 1:17 PM	20:00	6.77 pH	18.80 °C	188.35 µS/cm	5.57 mg/L	1.24 NTU	41.8 mV	8.91 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-1	Sampled at 1317

Low-Flow Test Report:

Test Date / Time: 2/25/2025 11:35:33 AM
Project: Scherer SAGW02 2025
Operator Name: Jake Stucky

Location Name: SCH-GWC-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 48.74 ft** **Total Depth: 58.74 ft** **Initial Depth to Water: 12.94 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 50.93 ft** **Estimated Total Volume Pumped: 5750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 2.21 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/25/2025 11:35 AM	00:00	6.25 pH	28.99 °C	154.00 µS/cm	4.11 mg/L	2.63 NTU	43.4 mV	12.94 ft	400.00 ml/min
2/25/2025 11:40 AM	05:00	6.44 pH	18.37 °C	175.53 µS/cm	3.60 mg/L	1.70 NTU	39.2 mV	15.22 ft	250.00 ml/min
2/25/2025 11:45 AM	10:00	6.51 pH	18.41 °C	174.37 µS/cm	3.79 mg/L	1.40 NTU	41.3 mV	15.25 ft	250.00 ml/min
2/25/2025 11:50 AM	15:00	6.51 pH	18.35 °C	174.86 µS/cm	3.75 mg/L	1.00 NTU	43.8 mV	15.31 ft	250.00 ml/min
2/25/2025 11:55 AM	20:00	6.49 pH	18.43 °C	177.40 µS/cm	3.75 mg/L	0.85 NTU	46.8 mV	15.15 ft	250.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-2	Sampled at 1155

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 10:25:48 AM
Project: Scherer SAGW02 2025
Operator Name: Mark Mann

Location Name: SCH-GWC-3 **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.1 ft** **Total Depth: 50.1 ft** **Initial Depth to Water: 38.36 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.16 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/25/2025 10:25 AM	00:00	6.18 pH	21.76 °C	128.74 µS/cm	3.66 mg/L	18.20 NTU	31.2 mV	38.36 ft	150.00 ml/min
2/25/2025 10:30 AM	05:00	6.01 pH	19.32 °C	134.88 µS/cm	1.83 mg/L	13.20 NTU	26.5 mV	38.55 ft	150.00 ml/min
2/25/2025 10:35 AM	10:00	5.93 pH	19.41 °C	133.47 µS/cm	1.85 mg/L	9.21 NTU	31.7 mV	38.56 ft	150.00 ml/min
2/25/2025 10:40 AM	15:00	5.94 pH	19.41 °C	133.38 µS/cm	1.85 mg/L	5.70 NTU	33.9 mV	38.58 ft	150.00 ml/min
2/25/2025 10:45 AM	20:00	5.93 pH	19.36 °C	132.69 µS/cm	1.84 mg/L	4.27 NTU	36.8 mV	38.52 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-3	Sampled at 1045

Low-Flow Test Report:

Test Date / Time: 2/25/2025 10:25:24 AM
Project: SCH-GWC-4
Operator Name: Zach West

Location Name: SCH-GWC-4 **Latitude: 33.07653776508842** **Longitude: -83.79297448085414** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.41 ft** **Total Depth: 43.41 ft** **Initial Depth to Water: 33.4 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 38.41 ft** **Estimated Total Volume Pumped: 4266.667 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.51 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/25/2025 10:25 AM	00:00	6.21 pH	17.81 °C	466.68 µS/cm	4.43 mg/L	1.84 NTU	159.7 mV	33.40 ft	200.00 ml/min
2/25/2025 10:26 AM	01:20	6.18 pH	17.36 °C	501.91 µS/cm	3.65 mg/L	1.84 NTU	207.5 mV	33.40 ft	200.00 ml/min
2/25/2025 10:31 AM	06:20	6.17 pH	17.52 °C	507.91 µS/cm	2.65 mg/L	1.45 NTU	238.2 mV	33.80 ft	200.00 ml/min
2/25/2025 10:36 AM	11:20	6.17 pH	17.65 °C	503.56 µS/cm	2.56 mg/L	1.14 NTU	190.9 mV	33.83 ft	200.00 ml/min
2/25/2025 10:41 AM	16:20	6.17 pH	17.98 °C	500.61 µS/cm	2.54 mg/L	1.26 NTU	194.7 mV	33.86 ft	200.00 ml/min
2/25/2025 10:46 AM	21:20	6.17 pH	17.84 °C	503.09 µS/cm	2.54 mg/L	1.08 NTU	200.4 mV	33.91 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-4	Sampled at 1047

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 3:17:17 PM
Project: SCH-GWC-5
Operator Name: Zach West

Location Name: SCH-GWC-5 **Latitude: 33.075584946231125** **Longitude: -83.7930662558263** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.16 ft** **Total Depth: 34.16 ft** **Initial Depth to Water: 21.23 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 29.16 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 170 ml/min** **Final Draw Down: 0.22 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/25/2025 3:17 PM	00:00	6.38 pH	22.62 °C	275.32 µS/cm	6.69 mg/L	0.77 NTU	203.7 mV	21.23 ft	200.00 ml/min
2/25/2025 3:22 PM	05:00	6.18 pH	19.81 °C	270.93 µS/cm	5.58 mg/L	1.41 NTU	257.9 mV	21.48 ft	200.00 ml/min
2/25/2025 3:27 PM	10:00	6.16 pH	19.81 °C	270.14 µS/cm	5.26 mg/L	1.68 NTU	264.4 mV	21.45 ft	200.00 ml/min
2/25/2025 3:32 PM	15:00	6.16 pH	19.86 °C	269.29 µS/cm	5.23 mg/L	1.01 NTU	370.0 mV	21.45 ft	200.00 ml/min
2/25/2025 3:37 PM	20:00	6.16 pH	20.04 °C	269.54 µS/cm	5.20 mg/L	0.83 NTU	269.6 mV	21.45 ft	170.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-5	Sampled at 1538

Low-Flow Test Report:

Test Date / Time: 2/24/2025 2:26:48 PM
Project: SCH-GWC-6
Operator Name: EEA

Location Name: SCH-GWC-6 **Latitude: 33.07466855221463** **Longitude: -83.79351092788572** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.5 ft** **Total Depth: 48.5 ft** **Initial Depth to Water: 40.5 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 43.5 ft** **Estimated Total Volume Pumped: 14920 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.1 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:
Water level below screen. Pump 3 well Vol. before sampling.

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/24/2025 2:26 PM	00:00	7.67 pH	31.06 °C	0.00 µS/cm	6.65 mg/L		296.6 mV	40.50 ft	200.00 ml/min
2/24/2025 2:31 PM	05:00	6.46 pH	19.70 °C	263.23 µS/cm	5.67 mg/L	15.40 NTU	565.4 mV	40.58 ft	200.00 ml/min
2/24/2025 2:36 PM	10:00	6.46 pH	19.29 °C	251.93 µS/cm	5.76 mg/L	6.96 NTU	610.5 mV	40.56 ft	200.00 ml/min
2/24/2025 2:41 PM	15:00	6.45 pH	19.12 °C	248.08 µS/cm	5.80 mg/L	5.03 NTU	656.9 mV	40.56 ft	200.00 ml/min
2/24/2025 2:46 PM	20:00	6.46 pH	19.07 °C	242.66 µS/cm	5.83 mg/L	4.38 NTU	669.4 mV	40.56 ft	200.00 ml/min
2/24/2025 2:51 PM	25:00	6.48 pH	19.12 °C	240.57 µS/cm	5.85 mg/L	4.66 NTU	696.5 mV	40.60 ft	200.00 ml/min
2/24/2025 2:56 PM	30:00	6.49 pH	19.16 °C	240.38 µS/cm	5.88 mg/L	3.89 NTU	710.6 mV	40.60 ft	200.00 ml/min
2/24/2025 3:01 PM	35:00	6.49 pH	19.12 °C	240.12 µS/cm	5.88 mg/L	3.82 NTU	746.5 mV	40.60 ft	200.00 ml/min
2/24/2025 3:06 PM	40:00	6.48 pH	19.04 °C	238.76 µS/cm	5.90 mg/L	3.20 NTU	761.3 mV	40.60 ft	200.00 ml/min
2/24/2025 3:11 PM	45:00	6.48 pH	19.00 °C	237.66 µS/cm	5.90 mg/L	2.53 NTU	765.5 mV	40.60 ft	200.00 ml/min
2/24/2025 3:16 PM	49:36	6.48 pH	18.98 °C	235.93 µS/cm	5.93 mg/L	1.86 NTU	540.4 mV	40.60 ft	200.00 ml/min
2/24/2025 3:21 PM	54:36	6.46 pH	18.88 °C	236.32 µS/cm	5.92 mg/L	1.85 NTU	760.6 mV	40.60 ft	200.00 ml/min
2/24/2025 3:26 PM	59:36	6.49 pH	18.87 °C	236.13 µS/cm	5.93 mg/L	1.88 NTU	774.7 mV	40.60 ft	200.00 ml/min

2/24/2025 3:31 PM	01:04:36	6.49 pH	19.03 °C	236.19 µS/cm	5.89 mg/L	1.97 NTU	788.3 mV	40.60 ft	200.00 ml/min
2/24/2025 3:36 PM	01:09:36	6.50 pH	18.96 °C	234.90 µS/cm	5.92 mg/L	1.75 NTU	806.0 mV	40.60 ft	200.00 ml/min
2/24/2025 3:41 PM	01:14:36	6.50 pH	18.94 °C	235.59 µS/cm	5.94 mg/L	1.60 NTU	823.4 mV	40.60 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-6	Sampled at 1541

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/24/2025 11:11:00 AM
Project: SCH-GWC-7
Operator Name: EEA

Location Name: SCH-GWC-7 **Latitude: 33.0737721077028** **Longitude: -83.79433985253392** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 48.72 ft** **Total Depth: 58.72 ft** **Initial Depth to Water: 43 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 53.72 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.35 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/24/2025 11:11 AM	00:00	8.48 pH	19.24 °C	0.82 µS/cm	8.36 mg/L	1.64 NTU	230.2 mV	43.00 ft	200.00 ml/min
2/24/2025 11:16 AM	05:00	6.72 pH	17.20 °C	211.75 µS/cm	6.47 mg/L	1.26 NTU	476.3 mV	43.35 ft	200.00 ml/min
2/24/2025 11:21 AM	10:00	6.67 pH	17.62 °C	210.36 µS/cm	6.15 mg/L	1.40 NTU	622.4 mV	43.35 ft	200.00 ml/min
2/24/2025 11:26 AM	15:00	6.67 pH	17.60 °C	209.32 µS/cm	6.08 mg/L	1.49 NTU	522.3 mV	43.35 ft	200.00 ml/min
2/24/2025 11:31 AM	20:00	6.67 pH	17.64 °C	208.49 µS/cm	6.05 mg/L	1.57 NTU	538.1 mV	43.35 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-7	Sampled at 11:31

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/24/2025 12:30:00 PM
Project: SCH-GWC-8A
Operator Name: EEA

Location Name: SCH-GWC-8A **Latitude: 33.072889734729245** **Longitude: -83.79520909563314** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.5 ft** **Total Depth: 47.5 ft** **Initial Depth to Water: 22.35 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 42.5 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.4 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/24/2025 12:30 PM	00:00	6.39 pH	27.64 °C	0.00 µS/cm	7.09 mg/L	1.19 NTU	414.5 mV	22.35 ft	200.00 ml/min
2/24/2025 12:35 PM	05:00	6.72 pH	20.23 °C	431.78 µS/cm	0.89 mg/L	1.66 NTU	506.1 mV	22.70 ft	200.00 ml/min
2/24/2025 12:40 PM	10:00	6.73 pH	19.88 °C	429.50 µS/cm	0.66 mg/L	1.44 NTU	524.6 mV	22.75 ft	200.00 ml/min
2/24/2025 12:45 PM	15:00	6.75 pH	19.92 °C	421.96 µS/cm	0.53 mg/L	1.42 NTU	549.9 mV	22.75 ft	200.00 ml/min
2/24/2025 12:50 PM	20:00	6.75 pH	19.96 °C	419.94 µS/cm	0.40 mg/L	1.02 NTU	639.2 mV	22.75 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-8A	Sampled at 1250

Low-Flow Test Report:

Test Date / Time: 2/24/2025 1:20:10 PM
Project: SCH-GWC-9
Operator Name: EEA

Location Name: SCH-GWC-9 **Latitude: 33.07397313368898** **Longitude: -83.8118183662833** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 10.25 ft** **Total Depth: 20.25 ft** **Initial Depth to Water: 6.7 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 15.25 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.41 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/24/2025 1:20 PM	00:00	6.67 pH	29.03 °C	0.00 µS/cm	6.97 mg/L	2.79 NTU	418.8 mV	6.70 ft	200.00 ml/min
2/24/2025 1:25 PM	05:00	7.17 pH	17.34 °C	287.40 µS/cm	2.55 mg/L	3.52 NTU	609.6 mV	7.05 ft	200.00 ml/min
2/24/2025 1:30 PM	10:00	7.15 pH	16.68 °C	283.76 µS/cm	2.32 mg/L	3.59 NTU	619.7 mV	7.05 ft	200.00 ml/min
2/24/2025 1:35 PM	15:00	7.14 pH	16.48 °C	286.18 µS/cm	1.95 mg/L	3.16 NTU	631.8 mV	7.10 ft	200.00 ml/min
2/24/2025 1:40 PM	20:00	7.14 pH	16.66 °C	285.66 µS/cm	1.66 mg/L	3.35 NTU	617.4 mV	7.11 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-9	Sampled at 1340

Low-Flow Test Report:

Test Date / Time: 2/24/2025 11:38:20 AM
Project: SCH-GWC-10
Operator Name: Jake Stucky

Location Name: SCH-GWC-10 **Latitude: 33.07391349929942** **Longitude: -83.79629647380902** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.65 ft** **Total Depth: 40.65 ft** **Initial Depth to Water: 10.05 ft**	**Pump Type: Peristaltic** **Tubing Type: LPDE** **Pump Intake From TOC: 35.65 ft** **Estimated Total Volume Pumped: 4040 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:
Test ended at 1201. All following readings may be disregarded

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/24/2025 11:38 AM	00:00	7.42 pH	18.32 °C	236.70 µS/cm	7.20 mg/L	0.71 NTU	189.5 mV	10.05 ft	150.00 ml/min
2/24/2025 11:40 AM	01:56	6.31 pH	17.34 °C	241.64 µS/cm	1.55 mg/L	0.71 NTU	209.9 mV	10.10 ft	150.00 ml/min
2/24/2025 11:45 AM	06:56	6.29 pH	17.19 °C	243.40 µS/cm	0.49 mg/L	0.79 NTU	160.7 mV	10.20 ft	150.00 ml/min
2/24/2025 11:50 AM	11:56	6.26 pH	17.24 °C	235.55 µS/cm	0.39 mg/L	1.15 NTU	177.3 mV	10.20 ft	150.00 ml/min
2/24/2025 11:55 AM	16:56	6.29 pH	17.47 °C	233.38 µS/cm	0.40 mg/L	0.71 NTU	144.8 mV	10.20 ft	150.00 ml/min
2/24/2025 12:00 PM	21:56	6.27 pH	17.41 °C	229.62 µS/cm	0.44 mg/L	0.66 NTU	143.8 mV	10.20 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-10	Sampled at 1201
SCH-FD-5	

Low-Flow Test Report:

Test Date / Time: 2/24/2025 12:50:23 PM
Project: SCH-GWC-11
Operator Name: Jake Stucky

Location Name: SCH-GWC-11 **Latitude: 33.07493584951817** **Longitude: -83.79707947274763** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.54 ft** **Total Depth: 34.54 ft** **Initial Depth to Water: 16.85 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 29.54 ft** **Estimated Total Volume Pumped: 8762.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/24/2025 12:50 PM	00:00	6.43 pH	17.52 °C	142.04 µS/cm	6.66 mg/L	2.23 NTU	247.9 mV	16.85 ft	150.00 ml/min
2/24/2025 12:55 PM	05:00	6.21 pH	17.57 °C	146.90 µS/cm	1.95 mg/L	10.81 NTU	232.1 mV	16.99 ft	150.00 ml/min
2/24/2025 1:00 PM	10:00	6.19 pH	17.42 °C	145.00 µS/cm	1.50 mg/L	12.50 NTU	170.9 mV	16.99 ft	150.00 ml/min
2/24/2025 1:05 PM	15:00	6.17 pH	17.46 °C	145.86 µS/cm	2.36 mg/L	12.30 NTU	176.6 mV	16.99 ft	150.00 ml/min
2/24/2025 1:10 PM	20:20	6.17 pH	17.54 °C	145.97 µS/cm	1.75 mg/L	16.50 NTU	189.5 mV	17.15 ft	150.00 ml/min
2/24/2025 1:15 PM	25:20	6.11 pH	17.55 °C	145.69 µS/cm	1.25 mg/L	16.10 NTU	164.2 mV	17.15 ft	150.00 ml/min
2/24/2025 1:20 PM	30:20	6.14 pH	17.50 °C	147.25 µS/cm	1.19 mg/L	16.10 NTU	195.8 mV	17.15 ft	150.00 ml/min
2/24/2025 1:28 PM	38:25	6.14 pH	17.61 °C	145.68 µS/cm	1.18 mg/L	12.30 NTU	180.1 mV	17.15 ft	150.00 ml/min
2/24/2025 1:33 PM	43:25	6.14 pH	17.57 °C	145.38 µS/cm	1.17 mg/L	10.80 NTU	161.5 mV	17.15 ft	150.00 ml/min
2/24/2025 1:38 PM	48:25	6.14 pH	17.56 °C	145.32 µS/cm	1.17 mg/L	9.06 NTU	155.0 mV	17.15 ft	150.00 ml/min
2/24/2025 1:43 PM	53:25	6.14 pH	17.61 °C	145.43 µS/cm	1.17 mg/L	8.77 NTU	157.9 mV	17.15 ft	150.00 ml/min
2/24/2025 1:48 PM	58:25	6.14 pH	17.65 °C	145.45 µS/cm	1.17 mg/L	4.92 NTU	158.1 mV	17.15 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-11	Sampled at 1350

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/24/2025 2:16:03 PM
Project: SCH-GWC-12
Operator Name: Jake Stucky

Location Name: SCH-GWC-12 **Latitude: 33.076016917413085** **Longitude: -83.79782614479856** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.82 ft** **Total Depth: 37.82 ft** **Initial Depth to Water: 24.3 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 32.82 ft** **Estimated Total Volume Pumped: 3067.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.4 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/24/2025 2:16 PM	00:00	5.65 pH	17.58 °C	29.46 µS/cm	7.65 mg/L	2.72 NTU	295.5 mV	24.30 ft	150.00 ml/min
2/24/2025 2:21 PM	05:00	5.22 pH	17.69 °C	35.62 µS/cm	3.47 mg/L	6.71 NTU	246.0 mV	24.70 ft	150.00 ml/min
2/24/2025 2:26 PM	10:00	5.21 pH	17.69 °C	35.68 µS/cm	3.33 mg/L	4.59 NTU	300.8 mV	24.70 ft	150.00 ml/min
2/24/2025 2:31 PM	15:00	5.20 pH	17.86 °C	35.68 µS/cm	3.11 mg/L	3.61 NTU	242.5 mV	24.70 ft	150.00 ml/min
2/24/2025 2:36 PM	20:00	5.19 pH	17.83 °C	35.44 µS/cm	3.04 mg/L	2.89 NTU	240.2 mV	24.70 ft	150.00 ml/min
2/24/2025 2:36 PM	20:27	5.18 pH	17.85 °C	35.72 µS/cm	3.04 mg/L	2.89 NTU	266.2 mV	24.70 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-12	Sampled at 1436

Low-Flow Test Report:

Test Date / Time: 2/24/2025 3:02:02 PM
Project: SCH-GWC-13
Operator Name: Jake Stucky

Location Name: SCH-GWC-13 **Latitude: 33.07683535854626** **Longitude: -83.79834006548282** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 34.15 ft** **Total Depth: 44.15 ft** **Initial Depth to Water: 29.1 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 39.15 ft** **Estimated Total Volume Pumped: 3092.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.4 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/24/2025 3:02 PM	00:00	6.33 pH	19.25 °C	102.86 µS/cm	7.21 mg/L	4.58 NTU	285.9 mV	29.10 ft	150.00 ml/min
2/24/2025 3:03 PM	01:00	5.96 pH	18.82 °C	104.06 µS/cm	5.26 mg/L	4.00 NTU	302.5 mV	29.10 ft	150.00 ml/min
2/24/2025 3:04 PM	02:00	5.93 pH	18.59 °C	103.08 µS/cm	4.48 mg/L	4.00 NTU	227.8 mV	29.10 ft	150.00 ml/min
2/24/2025 3:05 PM	03:00	5.93 pH	18.53 °C	102.50 µS/cm	4.30 mg/L	4.00 NTU	204.4 mV	29.10 ft	150.00 ml/min
2/24/2025 3:06 PM	04:00	5.91 pH	18.53 °C	102.24 µS/cm	4.13 mg/L	4.00 NTU	195.3 mV	29.10 ft	150.00 ml/min
2/24/2025 3:07 PM	05:00	5.90 pH	18.50 °C	102.26 µS/cm	3.92 mg/L	4.00 NTU	187.8 mV	29.10 ft	150.00 ml/min
2/24/2025 3:07 PM	05:37	5.89 pH	18.49 °C	104.16 µS/cm	3.81 mg/L	2.17 NTU	221.6 mV	29.48 ft	150.00 ml/min
2/24/2025 3:12 PM	10:37	5.89 pH	18.49 °C	104.80 µS/cm	3.43 mg/L	1.13 NTU	203.8 mV	29.50 ft	150.00 ml/min
2/24/2025 3:17 PM	15:37	5.90 pH	18.36 °C	106.19 µS/cm	3.37 mg/L	1.45 NTU	195.9 mV	29.50 ft	150.00 ml/min
2/24/2025 3:22 PM	20:37	5.90 pH	18.43 °C	106.65 µS/cm	3.36 mg/L	0.74 NTU	200.5 mV	29.50 ft	150.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-13	Sampled at 1523

Low-Flow Test Report:

Test Date / Time: 2/25/2025 1:57:45 PM
Project: SCH-GWC-14
Operator Name: Zach West

Location Name: SCH-GWC-14 **Latitude: 33.077644113716964** **Longitude: -83.79930254714627** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 m** **Top of Screen: 17.5 m** **Total Depth: 27.5 m** **Initial Depth to Water: 12.11 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 18.8 ft** **Estimated Total Volume Pumped: 8543.333 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/25/2025 1:57 PM	00:00	5.77 pH	24.60 °C	67.39 µS/cm	5.17 mg/L	2.35 NTU	204.0 mV	12.11 ft	200.00 ml/min
2/25/2025 2:02 PM	05:00	5.58 pH	18.56 °C	74.90 µS/cm	1.23 mg/L	12.50 NTU	253.3 mV	12.25 ft	200.00 ml/min
2/25/2025 2:07 PM	10:00	5.57 pH	18.21 °C	75.33 µS/cm	0.52 mg/L	12.25 NTU	258.8 mV	12.25 ft	200.00 ml/min
2/25/2025 2:12 PM	15:00	5.57 pH	18.27 °C	75.65 µS/cm	0.34 mg/L	8.82 NTU	259.6 mV	12.20 ft	200.00 ml/min
2/25/2025 2:17 PM	20:00	5.57 pH	18.25 °C	75.46 µS/cm	0.30 mg/L	6.46 NTU	255.8 mV	12.20 ft	200.00 ml/min
2/25/2025 2:22 PM	25:00	5.57 pH	18.16 °C	75.74 µS/cm	0.28 mg/L	4.50 NTU	249.9 mV	12.20 ft	200.00 ml/min
2/25/2025 2:27 PM	30:00	5.57 pH	18.25 °C	75.77 µS/cm	0.27 mg/L	3.83 NTU	246.3 mV	12.20 ft	200.00 ml/min
2/25/2025 2:32 PM	35:00	5.58 pH	18.23 °C	75.76 µS/cm	0.28 mg/L	3.19 NTU	241.9 mV	12.20 ft	200.00 ml/min
2/25/2025 2:37 PM	40:00	5.58 pH	18.60 °C	75.49 µS/cm	0.26 mg/L	3.32 NTU	242.2 mV	12.20 ft	200.00 ml/min
2/25/2025 2:40 PM	42:43	5.57 pH	18.64 °C	75.64 µS/cm	0.26 mg/L	3.32 NTU	313.6 mV	12.20 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-14	Sampled at 1442

Low-Flow Test Report:

Test Date / Time: 2/25/2025 1:20:41 PM
Project: SCH-GWC-18
Operator Name: EEA

Location Name: SCH-GWC-18
Latitude: 33.07859518150473
Longitude: -83.79556072613063
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 61.25 ft
Total Depth: 71.25 ft
Initial Depth to Water: 36.13 ft

Pump Type: Dedicated
Tubing Type: LPE
Pump Intake From TOC: 66.25 ft
Estimated Total Volume Pumped: 18500 ml
Flow Cell Volume: 90 ml
Final Flow Rate: 300 ml/min
Final Draw Down: 1.15 ft

Instrument Used: Aqua TROLL 400
Serial Number: 1146036

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/25/2025 1:20 PM	00:00	7.20 pH	34.75 °C	0.00 µS/cm	6.38 mg/L		386.6 mV	36.13 ft	200.00 ml/min
2/25/2025 1:25 PM	05:00	6.75 pH	22.33 °C	126.30 µS/cm	5.82 mg/L	2.44 NTU	611.4 mV	36.65 ft	200.00 ml/min
2/25/2025 1:30 PM	10:00	6.71 pH	19.98 °C	131.49 µS/cm	6.23 mg/L	2.48 NTU	682.5 mV	36.82 ft	200.00 ml/min
2/25/2025 1:35 PM	15:00	6.69 pH	19.78 °C	131.66 µS/cm	6.25 mg/L	2.09 NTU	713.6 mV	36.91 ft	200.00 ml/min
2/25/2025 1:40 PM	20:00	6.71 pH	19.71 °C	131.31 µS/cm	6.20 mg/L	3.60 NTU	719.9 mV	36.94 ft	200.00 ml/min
2/25/2025 1:45 PM	25:00	6.71 pH	19.65 °C	130.43 µS/cm	6.17 mg/L	3.37 NTU	733.0 mV	36.94 ft	200.00 ml/min
2/25/2025 1:50 PM	30:00	6.71 pH	19.61 °C	130.31 µS/cm	6.13 mg/L	3.68 NTU	738.7 mV	36.94 ft	200.00 ml/min
2/25/2025 1:55 PM	35:00	6.71 pH	19.59 °C	130.76 µS/cm	6.14 mg/L	4.20 NTU	749.8 mV	36.95 ft	200.00 ml/min
2/25/2025 2:00 PM	40:00	6.71 pH	19.52 °C	129.96 µS/cm	6.08 mg/L	4.30 NTU	771.2 mV	36.95 ft	200.00 ml/min
2/25/2025 2:05 PM	45:00	6.70 pH	19.59 °C	130.99 µS/cm	6.02 mg/L	4.58 NTU	756.2 mV	36.96 ft	200.00 ml/min
2/25/2025 2:10 PM	50:00	6.71 pH	19.51 °C	130.34 µS/cm	5.95 mg/L	4.80 NTU	763.5 mV	36.96 ft	200.00 ml/min
2/25/2025 2:15 PM	55:00	6.70 pH	19.11 °C	129.92 µS/cm	6.01 mg/L	5.06 NTU	772.9 mV	37.30 ft	300.00 ml/min
2/25/2025 2:20 PM	01:00:00	6.70 pH	18.88 °C	129.18 µS/cm	6.11 mg/L	4.41 NTU	886.0 mV	37.60 ft	300.00 ml/min

2/25/2025 2:25 PM	01:05:00	6.69 pH	18.94 °C	129.92 µS/cm	6.13 mg/L	3.90 NTU	801.7 mV	37.60 ft	300.00 ml/min
2/25/2025 2:30 PM	01:10:00	6.66 pH	18.94 °C	128.66 µS/cm	6.17 mg/L	5.69 NTU	904.7 mV	37.61 ft	300.00 ml/min
2/25/2025 2:35 PM	01:15:00	6.66 pH	19.12 °C	128.43 µS/cm	6.13 mg/L	4.48 NTU	908.2 mV	37.34 ft	300.00 ml/min
2/25/2025 2:40 PM	01:20:00	6.69 pH	19.13 °C	128.45 µS/cm	6.16 mg/L	4.37 NTU	912.8 mV	37.28 ft	300.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-18	Sampled at 1440

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 3:18:13 PM
Project: SCH-GWC-19
Operator Name: EEA

Location Name: SCH-GWC-19 **Latitude: 33.07760465732589** **Longitude: -83.79411808766568** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 52.75 ft** **Total Depth: 62.75 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 57.75 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/25/2025 3:18 PM	00:00	6.73 pH	30.26 °C	0.00 µS/cm	6.78 mg/L		407.2 mV	39.02 ft	200.00 ml/min
2/25/2025 3:23 PM	05:00	6.60 pH	21.07 °C	198.25 µS/cm	4.89 mg/L	1.90 NTU	697.3 mV	39.83 ft	200.00 ml/min
2/25/2025 3:28 PM	10:00	6.59 pH	20.19 °C	200.76 µS/cm	4.73 mg/L	1.15 NTU	775.6 mV	40.05 ft	200.00 ml/min
2/25/2025 3:33 PM	15:00	6.59 pH	20.01 °C	200.65 µS/cm	4.71 mg/L	1.55 NTU	802.4 mV	40.15 ft	200.00 ml/min
2/25/2025 3:38 PM	20:00	6.59 pH	20.00 °C	200.48 µS/cm	4.69 mg/L	0.70 NTU	805.7 mV	40.16 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-19	Sampled at 1538

Low-Flow Test Report:

Test Date / Time: 2/25/2025 11:34:30 AM
Project: SCH-GWC-20
Operator Name: Zach West

Location Name: SCH-GWC-20 **Latitude: 33.0784591085672** **Longitude: -83.79248055751214** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 62.7 ft** **Total Depth: 72.7 ft** **Initial Depth to Water: 47.35 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 64.76 ft** **Estimated Total Volume Pumped: 3770.667 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 0.27 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
64 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
2/25/2025 11:34 AM	00:00	7.65 pH	28.53 °C	138.21 µS/cm	7.37 mg/L	1.46 NTU	143.5 mV	47.35 ft	160.00 ml/min
2/25/2025 11:39 AM	05:00	6.59 pH	21.11 °C	162.11 µS/cm	5.53 mg/L	3.72 NTU	238.4 mV	47.57 ft	160.00 ml/min
2/25/2025 11:44 AM	10:00	6.58 pH	20.66 °C	163.58 µS/cm	5.38 mg/L	8.91 NTU	266.3 mV	47.57 ft	160.00 ml/min
2/25/2025 11:49 AM	15:00	6.56 pH	20.39 °C	164.88 µS/cm	5.27 mg/L	6.42 NTU	280.8 mV	47.62 ft	160.00 ml/min
2/25/2025 11:53 AM	18:34	6.55 pH	20.44 °C	166.24 µS/cm	5.24 mg/L	3.87 NTU	194.5 mV	47.65 ft	160.00 ml/min
2/25/2025 11:58 AM	23:34	6.55 pH	20.49 °C	166.05 µS/cm	5.14 mg/L	2.53 NTU	268.8 mV	47.62 ft	160.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-20	Sampled at 1159

Low-Flow Test Report:

Test Date / Time: 2/26/2025 1:48:06 PM
Project: SCH-GWC-29
Operator Name: EEA

Location Name: SCH-GWC-29 **Latitude: 33.078200950520305** **Longitude: -83.80051578673381** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17 ft** **Total Depth: 27 ft** **Initial Depth to Water: 5.45 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 22 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/26/2025 1:48 PM	00:00		28.08 °C	0.00 µS/cm	7.28 mg/L		1,568.0 mV	5.45 ft	200.00 ml/min
2/26/2025 1:53 PM	05:00	6.55 pH	19.02 °C	194.34 µS/cm	1.36 mg/L	3.38 NTU	1,035.2 mV	5.63 ft	200.00 ml/min
2/26/2025 1:58 PM	10:00	6.56 pH	18.05 °C	198.10 µS/cm	0.64 mg/L	1.62 NTU	1,016.2 mV	5.65 ft	200.00 ml/min
2/26/2025 2:03 PM	15:00	6.56 pH	18.04 °C	198.62 µS/cm	0.21 mg/L	1.44 NTU	1,011.6 mV	5.65 ft	200.00 ml/min
2/26/2025 2:08 PM	20:00	6.57 pH	18.05 °C	198.39 µS/cm	0.15 mg/L	1.35 NTU	999.4 mV	5.65 ft	200.00 ml/min
2/26/2025 2:13 PM	25:00	6.54 pH	18.18 °C	197.02 µS/cm	0.12 mg/L	1.42 NTU	1,056.2 mV	5.65 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-29	Sampled at 1413

Low-Flow Test Report:

Test Date / Time: 2/26/2025 2:32:18 PM
Project: SCH-GWC-50
Operator Name: Jake Stucky

Location Name: SCH-GWC-50 **Latitude: 33.07833921794263** **Longitude: -83.79978506305845** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 26.6 ft** **Total Depth: 36.3 ft** **Initial Depth to Water: 8.85 ft**	**Pump Type: Peristaltic** **Tubing Type: LPDE** **Pump Intake From TOC: 31.3 ft** **Estimated Total Volume Pumped: 8250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.66 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167960**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/26/2025 2:32 PM	00:00	5.84 pH	20.18 °C	92.84 µS/cm	1.22 mg/L	1.46 NTU	177.6 mV	8.85 ft	150.00 ml/min
2/26/2025 2:37 PM	05:00	5.80 pH	19.41 °C	95.17 µS/cm	2.22 mg/L	2.37 NTU	191.8 mV	9.51 ft	150.00 ml/min
2/26/2025 2:42 PM	10:00	5.80 pH	19.30 °C	96.79 µS/cm	1.32 mg/L	4.34 NTU	216.4 mV	9.51 ft	150.00 ml/min
2/26/2025 2:47 PM	15:00	5.79 pH	19.27 °C	97.95 µS/cm	0.68 mg/L	5.66 NTU	297.2 mV	9.51 ft	150.00 ml/min
2/26/2025 2:52 PM	20:00	5.80 pH	19.30 °C	96.72 µS/cm	0.63 mg/L	5.39 NTU	253.7 mV	9.51 ft	150.00 ml/min
2/26/2025 2:57 PM	25:00	5.78 pH	19.29 °C	97.95 µS/cm	0.79 mg/L	6.09 NTU	326.4 mV	9.51 ft	150.00 ml/min
2/26/2025 3:02 PM	30:00	5.80 pH	19.11 °C	97.49 µS/cm	1.64 mg/L	6.62 NTU	273.4 mV	9.51 ft	150.00 ml/min
2/26/2025 3:07 PM	35:00	5.80 pH	18.99 °C	97.84 µS/cm	0.84 mg/L	7.98 NTU	353.5 mV	9.51 ft	150.00 ml/min
2/26/2025 3:12 PM	40:00	5.81 pH	18.91 °C	97.32 µS/cm	0.63 mg/L	7.29 NTU	289.9 mV	9.51 ft	150.00 ml/min
2/26/2025 3:17 PM	45:00	5.81 pH	18.99 °C	96.18 µS/cm	0.69 mg/L	6.20 NTU	289.3 mV	9.51 ft	150.00 ml/min
2/26/2025 3:22 PM	50:00	5.82 pH	18.95 °C	96.77 µS/cm	0.77 mg/L	4.24 NTU	261.6 mV	9.51 ft	150.00 ml/min
2/26/2025 3:27 PM	55:00	5.83 pH	18.96 °C	98.27 µS/cm	0.73 mg/L	3.88 NTU	280.0 mV	9.51 ft	150.00 ml/min

Samples

Sample ID:	Description:

SCH-GWC-50	Sampled at 1527	SCH-CELL-FD8

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/26/2025 12:20:26 PM
Project: SCH-GWC-51
Operator Name: EEA

Location Name: SCH-GWC-51 **Latitude: 33.07821320068701** **Longitude: -83.80149925960838** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 16.8 ft** **Total Depth: 26.8 ft** **Initial Depth to Water: 8.93 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 21.8 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.34 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/26/2025 12:20 PM	00:00	6.88 pH	21.43 °C	122.09 µS/cm	3.52 mg/L		880.6 mV	8.93 ft	200.00 ml/min
2/26/2025 12:25 PM	05:00	6.28 pH	19.45 °C	120.57 µS/cm	0.26 mg/L	9.11 NTU	949.9 mV	9.25 ft	200.00 ml/min
2/26/2025 12:30 PM	10:00	6.26 pH	19.42 °C	118.31 µS/cm	0.18 mg/L	6.75 NTU	1,012.4 mV	9.25 ft	200.00 ml/min
2/26/2025 12:35 PM	15:00	6.23 pH	19.64 °C	117.02 µS/cm	0.13 mg/L	4.31 NTU	1,017.7 mV	9.27 ft	200.00 ml/min
2/26/2025 12:40 PM	20:00	6.24 pH	19.76 °C	116.71 µS/cm	0.12 mg/L	3.45 NTU	1,022.9 mV	9.27 ft	200.00 ml/min
2/26/2025 12:45 PM	25:00	6.23 pH	19.90 °C	116.19 µS/cm	0.10 mg/L	2.54 NTU	1,026.4 mV	9.27 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWA-51	Sampled at 1245

Low-Flow Test Report:

Test Date / Time: 2/26/2025 11:20:16 AM
Project: SCH-GWC-52
Operator Name: EEA

Location Name: SCH-GWC-52 **Latitude: 33.07853149056837** **Longitude: -83.8022771052307** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 22.8 ft** **Total Depth: 32.8 ft** **Initial Depth to Water: 9.45 ft**	**Pump Type: Dedicated** **Tubing Type: LPE** **Pump Intake From TOC: 27.8 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.23 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 2	+/- 10	+/- 0.3	
2/26/2025 11:20 AM	00:00	6.99 pH	26.76 °C	0.00 µS/cm	7.44 mg/L		471.1 mV	9.45 ft	200.00 ml/min
2/26/2025 11:25 AM	05:00	7.05 pH	18.67 °C	330.24 µS/cm	0.87 mg/L	0.83 NTU	893.1 mV	9.68 ft	200.00 ml/min
2/26/2025 11:30 AM	10:00	7.03 pH	18.33 °C	332.03 µS/cm	0.82 mg/L	0.95 NTU	931.7 mV	9.68 ft	200.00 ml/min
2/26/2025 11:35 AM	15:00	7.01 pH	18.31 °C	332.60 µS/cm	0.57 mg/L	1.28 NTU	1,000.2 mV	9.68 ft	200.00 ml/min
2/26/2025 11:40 AM	20:00	7.03 pH	18.40 °C	333.21 µS/cm	0.30 mg/L	1.33 NTU	937.4 mV	9.68 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-52	Sampled at 1140

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/25/2025 2:57:26 PM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-GWC-53 **Latitude: 33.07948114232626** **Longitude: -83.80304363669681** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 22.8 ft** **Total Depth: 32.8 ft** **Initial Depth to Water: 12.5 ft**	**Pump Type: Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 24.19 ft** **Estimated Total Volume Pumped: 10500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 0.58 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965586**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/25/2025 2:57 PM	00:00	7.23 pH	28.49 °C	379.12 µS/cm	4.62 mg/L	0.46 NTU	50.4 mV	12.50 ft	300.00 ml/min
2/25/2025 3:02 PM	05:00	6.45 pH	17.80 °C	455.27 µS/cm	1.09 mg/L	0.50 NTU	39.3 mV	13.18 ft	300.00 ml/min
2/25/2025 3:07 PM	10:00	6.12 pH	17.32 °C	455.85 µS/cm	0.65 mg/L	0.46 NTU	41.2 mV	13.16 ft	300.00 ml/min
2/25/2025 3:12 PM	15:00	5.92 pH	17.31 °C	457.11 µS/cm	0.47 mg/L	0.55 NTU	43.9 mV	13.12 ft	300.00 ml/min
2/25/2025 3:17 PM	20:00	5.78 pH	17.27 °C	457.61 µS/cm	0.37 mg/L	0.41 NTU	47.2 mV	13.25 ft	300.00 ml/min
2/25/2025 3:22 PM	25:00	5.73 pH	17.27 °C	456.96 µS/cm	0.30 mg/L	0.53 NTU	48.6 mV	13.23 ft	300.00 ml/min
2/25/2025 3:27 PM	30:00	5.67 pH	17.37 °C	456.73 µS/cm	0.27 mg/L	0.38 NTU	50.8 mV	13.11 ft	300.00 ml/min
2/25/2025 3:32 PM	35:00	5.68 pH	17.37 °C	456.50 µS/cm	0.26 mg/L	0.34 NTU	51.0 mV	13.08 ft	300.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-53	Sampled at 1532
SCH-PAC-FD-7	

Low-Flow Test Report:

Test Date / Time: 2/17/2025 11:38:52 AM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-SWA-1 **Latitude: 33.07211257520418** **Longitude: -83.79688085995967** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 1000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Surface Water
Stream, Dam outflow from retention pond.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/17/2025 11:38 AM	00:00	8.14 pH	16.37 °C	160.02 µS/cm	8.16 mg/L	27.00 NTU	113.2 mV	0.00 ft	200.00 ml/min
2/17/2025 11:39 AM	01:00	7.66 pH	14.57 °C	170.68 µS/cm	8.52 mg/L	24.50 NTU	110.5 mV	0.00 ft	200.00 ml/min
2/17/2025 11:40 AM	02:00	7.60 pH	13.50 °C	175.67 µS/cm	8.86 mg/L	21.50 NTU	104.6 mV	0.00 ft	200.00 ml/min
2/17/2025 11:41 AM	03:00	7.59 pH	12.97 °C	177.93 µS/cm	9.04 mg/L	21.10 NTU	100.7 mV	0.00 ft	200.00 ml/min
2/17/2025 11:42 AM	04:00	7.56 pH	12.71 °C	178.93 µS/cm	9.11 mg/L	21.20 NTU	97.7 mV	0.00 ft	200.00 ml/min
2/17/2025 11:43 AM	05:00	7.54 pH	12.59 °C	178.77 µS/cm	9.10 mg/L	20.20 NTU	95.5 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SWA-1	

Low-Flow Test Report:

Test Date / Time: 2/17/2025 3:33:31 PM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-SWA-2 **Latitude: 33.07554443502893** **Longitude: -83.80169760340245** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 1000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Surface Water

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/17/2025 3:33 PM	00:00	6.94 pH	15.17 °C	484.05 µS/cm	8.29 mg/L	8.91 NTU	23.9 mV	0.00 ft	200.00 ml/min
2/17/2025 3:34 PM	01:00	6.90 pH	13.97 °C	498.11 µS/cm	8.39 mg/L	8.16 NTU	23.1 mV	0.00 ft	200.00 ml/min
2/17/2025 3:35 PM	02:00	6.89 pH	13.27 °C	506.05 µS/cm	8.55 mg/L	6.57 NTU	21.9 mV	0.00 ft	200.00 ml/min
2/17/2025 3:36 PM	03:00	6.88 pH	12.93 °C	510.31 µS/cm	8.65 mg/L	7.30 NTU	21.3 mV	0.00 ft	200.00 ml/min
2/17/2025 3:37 PM	04:00	6.88 pH	12.76 °C	512.28 µS/cm	8.70 mg/L	6.75 NTU	21.0 mV	0.00 ft	200.00 ml/min
2/17/2025 3:38 PM	05:00	6.87 pH	12.67 °C	512.95 µS/cm	8.72 mg/L	6.71 NTU	20.5 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SGWA-2	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/17/2025 12:54:35 PM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-SWA-3 **Latitude: 33.07759073566** **Longitude: -83.80169685006496** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 1000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Surface Water
Small, Flowing stream.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/17/2025 12:54 PM	00:00	7.17 pH	12.12 °C	231.00 µS/cm	9.13 mg/L	11.90 NTU	57.9 mV	0.00 ft	200.00 ml/min
2/17/2025 12:55 PM	01:00	7.07 pH	11.79 °C	232.73 µS/cm	8.93 mg/L	12.10 NTU	59.5 mV	0.00 ft	200.00 ml/min
2/17/2025 12:56 PM	02:00	7.01 pH	11.66 °C	234.31 µS/cm	8.96 mg/L	10.60 NTU	70.5 mV	0.00 ft	200.00 ml/min
2/17/2025 12:57 PM	03:00	6.95 pH	11.56 °C	234.81 µS/cm	8.98 mg/L	9.14 NTU	71.4 mV	0.00 ft	200.00 ml/min
2/17/2025 12:58 PM	04:00	6.90 pH	11.55 °C	235.19 µS/cm	8.99 mg/L	9.16 NTU	72.1 mV	0.00 ft	200.00 ml/min
2/17/2025 12:59 PM	05:00	6.85 pH	11.52 °C	235.52 µS/cm	9.02 mg/L	9.30 NTU	72.3 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SWA-3	

Low-Flow Test Report:

Test Date / Time: 2/17/2025 2:43:10 PM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-SWC-4 **Latitude: 33.07311915795613** **Longitude: -83.79635900266821** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 1000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/17/2025 2:43 PM	00:00	7.15 pH	14.39 °C	230.07 µS/cm	9.19 mg/L	24.20 NTU	52.6 mV	0.00 ft	200.00 ml/min
2/17/2025 2:44 PM	01:00	7.12 pH	13.85 °C	235.56 µS/cm	9.17 mg/L	23.90 NTU	54.6 mV	0.00 ft	200.00 ml/min
2/17/2025 2:45 PM	02:00	7.10 pH	13.56 °C	236.47 µS/cm	9.21 mg/L	24.20 NTU	53.7 mV	0.00 ft	200.00 ml/min
2/17/2025 2:46 PM	03:00	7.08 pH	13.40 °C	237.47 µS/cm	9.26 mg/L	24.20 NTU	52.8 mV	0.00 ft	200.00 ml/min
2/17/2025 2:47 PM	04:00	7.06 pH	13.36 °C	237.90 µS/cm	9.27 mg/L	24.20 NTU	52.4 mV	0.00 ft	200.00 ml/min
2/17/2025 2:48 PM	05:00	7.05 pH	13.32 °C	238.05 µS/cm	9.27 mg/L	24.00 NTU	52.0 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SWC-4	

Low-Flow Test Report:

Test Date / Time: 2/17/2025 1:49:56 PM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-SWC-6 **Latitude: 33.08029025330503** **Longitude: -83.79121410668249** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 1000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Surface Water

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/17/2025 1:49 PM	00:00	7.06 pH	15.42 °C	83.89 µS/cm	8.92 mg/L	24.60 NTU	62.3 mV	0.00 ft	200.00 ml/min
2/17/2025 1:50 PM	01:00	7.05 pH	13.67 °C	87.16 µS/cm	9.51 mg/L	24.80 NTU	54.8 mV	0.00 ft	200.00 ml/min
2/17/2025 1:51 PM	02:00	7.04 pH	12.84 °C	88.96 µS/cm	9.81 mg/L	24.50 NTU	53.2 mV	0.00 ft	200.00 ml/min
2/17/2025 1:52 PM	03:00	7.05 pH	12.43 °C	89.82 µS/cm	9.93 mg/L	24.60 NTU	64.0 mV	0.00 ft	200.00 ml/min
2/17/2025 1:53 PM	04:00	7.06 pH	12.19 °C	90.27 µS/cm	10.01 mg/L	24.10 NTU	65.4 mV	0.00 ft	200.00 ml/min
2/17/2025 1:54 PM	05:00	7.07 pH	12.11 °C	90.54 µS/cm	10.05 mg/L	23.80 NTU	65.6 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SWC-6	

Low-Flow Test Report:

Test Date / Time: 2/17/2025 2:06:53 PM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-SWC-7 **Latitude: 33.08041191662949** **Longitude: -83.79109667621906**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 1000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Surface Water

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/17/2025 2:06 PM	00:00	7.12 pH	13.70 °C	186.39 µS/cm	9.64 mg/L	23.80 NTU	67.8 mV	0.00 ft	200.00 ml/min
2/17/2025 2:07 PM	01:00	7.12 pH	12.64 °C	192.46 µS/cm	10.16 mg/L	24.50 NTU	71.5 mV	0.00 ft	200.00 ml/min
2/17/2025 2:08 PM	02:00	7.14 pH	12.03 °C	195.66 µS/cm	10.38 mg/L	23.10 NTU	70.2 mV	0.00 ft	200.00 ml/min
2/17/2025 2:09 PM	03:00	7.17 pH	11.72 °C	195.13 µS/cm	10.46 mg/L	25.20 NTU	68.3 mV	0.00 ft	200.00 ml/min
2/17/2025 2:10 PM	04:00	7.19 pH	11.59 °C	197.78 µS/cm	10.54 mg/L	23.50 NTU	67.8 mV	0.00 ft	200.00 ml/min
2/17/2025 2:11 PM	05:00	7.20 pH	11.53 °C	197.48 µS/cm	10.55 mg/L	24.10 NTU	67.2 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SWC-7	

Low-Flow Test Report:

Test Date / Time: 2/17/2025 1:20:26 PM
Project: Scherer SAGW01 2025
Operator Name: Mark Mann

Location Name: SCH-SWC-8 **Latitude: 33.078100732558475** **Longitude: -83.80071365282294** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 1000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Surface Water
Flowing Stream

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/17/2025 1:20 PM	00:00	6.80 pH	14.33 °C	305.13 µS/cm	8.73 mg/L	14.10 NTU	47.2 mV	0.00 ft	200.00 ml/min
2/17/2025 1:21 PM	01:00	6.80 pH	13.58 °C	310.02 µS/cm	8.42 mg/L	13.40 NTU	44.0 mV	0.00 ft	200.00 ml/min
2/17/2025 1:22 PM	02:00	6.79 pH	13.11 °C	314.16 µS/cm	8.49 mg/L	13.10 NTU	50.1 mV	0.00 ft	200.00 ml/min
2/17/2025 1:23 PM	03:00	6.78 pH	12.76 °C	316.61 µS/cm	8.59 mg/L	13.40 NTU	49.3 mV	0.00 ft	200.00 ml/min
2/17/2025 1:24 PM	04:00	6.77 pH	12.53 °C	318.04 µS/cm	8.65 mg/L	12.80 NTU	49.0 mV	0.00 ft	200.00 ml/min
2/17/2025 1:25 PM	05:00	6.76 pH	12.44 °C	318.52 µS/cm	8.67 mg/L	12.90 NTU	48.8 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SWC-3	

APPENDIX A

Field Data Forms
April 2025

Low-Flow Test Report:

Test Date / Time: 4/23/2025 9:30:49 AM
Project: SCH-GWC-3
Operator Name: Jake Stucky

Location Name: SCH-GWC-3 **Latitude: 33.077492753763785** **Longitude: -83.79241247582** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.1 ft** **Total Depth: 50.1 ft** **Initial Depth to Water: 38.15 ft**	**Pump Type: Bladder** **Tubing Type: LPDE** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 2500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: -0.33 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
4/23/2025 9:30 AM	00:00	6.02 pH	20.88 °C	144.92 µS/cm	5.79 mg/L	7.97 NTU	257.7 mV	38.15 ft	100.00 ml/min
4/23/2025 9:35 AM	05:00	5.86 pH	19.42 °C	135.08 µS/cm	2.73 mg/L	8.00 NTU	546.7 mV	38.15 ft	100.00 ml/min
4/23/2025 9:40 AM	10:00	5.89 pH	19.26 °C	133.24 µS/cm	2.68 mg/L	6.61 NTU	577.8 mV	38.16 ft	100.00 ml/min
4/23/2025 9:45 AM	15:00	5.89 pH	19.56 °C	134.73 µS/cm	2.68 mg/L	6.26 NTU	596.3 mV	38.17 ft	100.00 ml/min
4/23/2025 9:50 AM	20:00	5.89 pH	19.56 °C	133.24 µS/cm	2.60 mg/L	5.27 NTU	674.7 mV	38.17 ft	100.00 ml/min
4/23/2025 9:55 AM	25:00	5.88 pH	19.40 °C	133.36 µS/cm	2.60 mg/L	4.20 NTU	689.8 mV	38.17 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-3	

Low-Flow Test Report:

Test Date / Time: 4/22/2025 1:57:35 PM
Project: SCH-GWC-4
Operator Name: Jake Stucky

Location Name: SCH-GWC-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.41 ft** **Total Depth: 43.41 ft** **Initial Depth to Water: 33.01 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 38.41 ft** **Estimated Total Volume Pumped: 3750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.55 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
4/22/2025 1:57 PM	00:00	6.18 pH	21.24 °C	503.11 µS/cm	6.95 mg/L	1.42 NTU	317.4 mV	33.01 ft	150.00 ml/min
4/22/2025 2:02 PM	05:00	6.08 pH	18.67 °C	578.54 µS/cm	3.96 mg/L	0.75 NTU	609.2 mV	33.30 ft	150.00 ml/min
4/22/2025 2:07 PM	10:00	6.06 pH	18.53 °C	597.44 µS/cm	3.10 mg/L	0.48 NTU	700.8 mV	33.40 ft	150.00 ml/min
4/22/2025 2:12 PM	15:00	6.07 pH	18.49 °C	596.96 µS/cm	2.93 mg/L	0.55 NTU	656.7 mV	33.49 ft	100.00 ml/min
4/22/2025 2:17 PM	20:00	6.08 pH	18.61 °C	597.22 µS/cm	2.85 mg/L	0.38 NTU	670.5 mV	33.55 ft	100.00 ml/min
4/22/2025 2:22 PM	25:00	6.08 pH	18.58 °C	599.96 µS/cm	2.76 mg/L	0.33 NTU	684.1 mV	33.56 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-4	
SCH-CELL1-FD-1	
SCH-CELL1-FB-1	
SCH-CELL1-EB-1	

Low-Flow Test Report:

Test Date / Time: 4/22/2025 12:22:39 PM
Project: SCH-GWC-6
Operator Name: Zach West

Location Name: SCH-GWC-6 **Latitude: 33.07466858982166** **Longitude: -83.79352919505752** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.5 ft** **Total Depth: 48.5 ft** **Initial Depth to Water: 39.59 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 43.5 ft** **Estimated Total Volume Pumped: 13500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 180 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170065**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
4/22/2025 12:22 PM	00:00	6.20 pH	26.88 °C	210.01 µS/cm	6.06 mg/L	10.40 NTU	163.7 mV	39.59 ft	160.00 ml/min
4/22/2025 12:27 PM	05:00	6.14 pH	20.63 °C	220.57 µS/cm	6.93 mg/L	4.04 NTU	200.2 mV	39.59 ft	160.00 ml/min
4/22/2025 12:32 PM	10:00	6.16 pH	20.63 °C	220.17 µS/cm	6.99 mg/L	3.79 NTU	207.9 mV	39.59 ft	160.00 ml/min
4/22/2025 12:37 PM	15:00	6.17 pH	20.35 °C	220.02 µS/cm	7.09 mg/L	4.42 NTU	206.2 mV	39.59 ft	100.00 ml/min
4/22/2025 12:42 PM	20:00	6.18 pH	20.51 °C	217.15 µS/cm	7.09 mg/L	3.37 NTU	207.5 mV	39.59 ft	100.00 ml/min
4/22/2025 12:47 PM	25:00	6.18 pH	20.47 °C	217.08 µS/cm	7.16 mg/L	3.04 NTU	208.3 mV	39.59 ft	100.00 ml/min
4/22/2025 12:52 PM	30:00	6.19 pH	21.02 °C	222.07 µS/cm	7.05 mg/L	2.60 NTU	213.2 mV	39.59 ft	100.00 ml/min
4/22/2025 12:57 PM	35:00	6.19 pH	21.37 °C	222.32 µS/cm	7.08 mg/L	2.73 NTU	208.4 mV	39.59 ft	100.00 ml/min
4/22/2025 1:02 PM	40:00	6.19 pH	21.72 °C	222.71 µS/cm	7.05 mg/L	2.10 NTU	214.8 mV	39.59 ft	100.00 ml/min
4/22/2025 1:07 PM	45:00	6.19 pH	19.42 °C	221.74 µS/cm	7.32 mg/L	5.14 NTU	213.2 mV	39.59 ft	180.00 ml/min
4/22/2025 1:12 PM	50:00	6.21 pH	19.33 °C	220.44 µS/cm	7.36 mg/L	1.58 NTU	211.7 mV	39.59 ft	180.00 ml/min
4/22/2025 1:17 PM	55:00	6.21 pH	19.24 °C	220.53 µS/cm	7.35 mg/L	1.77 NTU	212.0 mV	39.59 ft	180.00 ml/min
4/22/2025 1:22 PM	01:00:00	6.21 pH	19.13 °C	218.96 µS/cm	7.34 mg/L	2.39 NTU	210.4 mV	39.59 ft	180.00 ml/min
4/22/2025 1:27 PM	01:05:00	6.22 pH	19.06 °C	219.07 µS/cm	7.36 mg/L	2.15 NTU	213.7 mV	39.59 ft	180.00 ml/min
4/22/2025 1:32 PM	01:10:00	6.22 pH	19.07 °C	218.62 µS/cm	7.39 mg/L	2.25 NTU	211.7 mV	39.59 ft	180.00 ml/min

4/22/2025 1:37 PM	01:15:00	6.23 pH	19.02 °C	218.61 µS/cm	7.38 mg/L	1.90 NTU	208.3 mV	39.59 ft	180.00 ml/min
4/22/2025 1:42 PM	01:20:00	6.23 pH	19.03 °C	218.05 µS/cm	7.37 mg/L	1.46 NTU	258.4 mV	39.59 ft	180.00 ml/min
4/22/2025 1:47 PM	01:25:00	6.22 pH	19.00 °C	217.58 µS/cm	7.38 mg/L	1.11 NTU	253.6 mV	39.59 ft	180.00 ml/min
4/22/2025 1:52 PM	01:30:00	6.23 pH	19.00 °C	217.71 µS/cm	7.38 mg/L	1.07 NTU	201.1 mV	39.65 ft	180.00 ml/min

Samples

Sample ID:	Description:
SCH-GWC-6	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 4/22/2025 12:20:13 PM
Project: SCH-GWC-9
Operator Name: Jake Stucky

Location Name: SCH-GWC-9 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 10.25 ft** **Total Depth: 20.25 ft** **Initial Depth to Water: 6.68 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 15 ft** **Estimated Total Volume Pumped: 4840 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.81 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1146036**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.3	+/- 10	+/- 10	+/- 5	
4/22/2025 12:20 PM	00:00	6.86 pH	22.49 °C	216.89 µS/cm	5.78 mg/L	4.85 NTU	304.9 mV	6.68 ft	150.00 ml/min
4/22/2025 12:25 PM	05:00	6.60 pH	17.32 °C	223.05 µS/cm	4.08 mg/L	10.50 NTU	645.8 mV	7.40 ft	150.00 ml/min
4/22/2025 12:27 PM	07:16	6.58 pH	17.12 °C	221.64 µS/cm	3.88 mg/L	10.50 NTU	723.0 mV	7.40 ft	150.00 ml/min
4/22/2025 12:32 PM	12:16	6.57 pH	16.93 °C	223.62 µS/cm	3.64 mg/L	6.21 NTU	677.5 mV	7.40 ft	150.00 ml/min
4/22/2025 12:37 PM	17:16	6.56 pH	16.82 °C	224.16 µS/cm	3.38 mg/L	4.25 NTU	688.2 mV	7.49 ft	150.00 ml/min
4/22/2025 12:42 PM	22:16	6.56 pH	16.80 °C	223.19 µS/cm	3.19 mg/L	2.00 NTU	788.7 mV	7.49 ft	150.00 ml/min
4/22/2025 12:47 PM	27:16	6.56 pH	16.80 °C	225.49 µS/cm	3.04 mg/L	1.98 NTU	715.8 mV	7.49 ft	150.00 ml/min
4/22/2025 12:52 PM	32:16	6.56 pH	16.80 °C	226.54 µS/cm	2.92 mg/L	1.78 NTU	728.0 mV	7.49 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 4/22/2025 3:12:51 PM
Project: SCH-GWC-19
Operator Name: Zach West

Location Name: SCH-GWC-19 **Latitude: 33.077665083084575** **Longitude: -83.79406800543495** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 52.75 ft** **Total Depth: 62.75 ft** **Initial Depth to Water: 39.15 ft**	**Pump Type: Dedicated** **Tubing Type: LPDE** **Pump Intake From TOC: 54.51 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.65 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170065**

Test Notes:

Weather Conditions:
81 sprinkling

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10	+/- 2	+/- 10	+/- 0.3	
4/22/2025 3:12 PM	00:00	6.25 pH	20.66 °C	173.69 µS/cm	7.22 mg/L	1.17 NTU	153.5 mV	39.15 ft	200.00 ml/min
4/22/2025 3:17 PM	05:00	6.23 pH	19.45 °C	172.79 µS/cm	5.60 mg/L	0.99 NTU	160.7 mV	40.59 ft	200.00 ml/min
4/22/2025 3:22 PM	10:00	6.22 pH	19.51 °C	173.42 µS/cm	5.18 mg/L	0.81 NTU	159.5 mV	40.80 ft	200.00 ml/min
4/22/2025 3:27 PM	15:00	6.22 pH	19.81 °C	171.79 µS/cm	4.82 mg/L	0.84 NTU	162.7 mV	40.81 ft	200.00 ml/min
4/22/2025 3:32 PM	20:00	6.21 pH	19.82 °C	171.04 µS/cm	4.76 mg/L	1.04 NTU	170.6 mV	40.80 ft	200.00 ml/min

Samples

Sample ID: SCH-GWC-19	**Description:**

Created using VuSitu from In-Situ, Inc.

APPENDIX A

Field Data Forms July-August 2025

Low-Flow Test Report:

Test Date / Time: 7/25/2025 9:16:17 AM
Project: SCH-GWC-1
Operator Name: EEA

Location Name: SCH-GWC-1 **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 28.72 ft** **Total Depth: 38.72 ft** **Initial Depth to Water: 10.2 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 33 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.18 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
80 Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/25/2025 9:16 AM	00:00	6.585 pH	23.19 °C	186.3 µS/cm	4.968 mg/L	1.650 NTU	116.7 mV	10.20 ft	200.0 ml/min
7/25/2025 9:21 AM	05:00	6.473 pH	20.75 °C	191.7 µS/cm	4.740 mg/L	1.200 NTU	103.8 mV	10.31 ft	200.0 ml/min
7/25/2025 9:26 AM	10:00	6.478 pH	20.18 °C	191.2 µS/cm	4.785 mg/L	0.730 NTU	101.7 mV	10.36 ft	200.0 ml/min
7/25/2025 9:31 AM	15:00	6.476 pH	19.89 °C	190.6 µS/cm	4.916 mg/L	0.790 NTU	102.9 mV	10.37 ft	200.0 ml/min
7/25/2025 9:36 AM	20:00	6.470 pH	19.89 °C	189.6 µS/cm	5.039 mg/L	0.760 NTU	103.1 mV	10.38 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-1	Sampled at 0936

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/31/2025 9:00:54 AM
Project: SCH-GWC-2
Operator Name: EEA

Location Name: SCH-GWC-2 **Latitude: 33.06607778435376** **Longitude: -83.80681840659442** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 48.74 ft** **Total Depth: 58.74 ft** **Initial Depth to Water: 14.74 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 50.35 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 89

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/31/2025 9:00 AM	00:00	6.569 pH	21.38 °C	173.9 µS/cm	4.955 mg/L	1.040 NTU	127.5 mV	15.40 ft	200.0 ml/min
7/31/2025 9:04 AM	05:00	6.497 pH	20.08 °C	170.7 µS/cm	4.638 mg/L	3.270 NTU	100.3 mV	15.70 ft	200.0 ml/min
7/31/2025 9:10 AM	10:00	6.487 pH	19.89 °C	170.9 µS/cm	4.426 mg/L	3.550 NTU	99.2 mV	15.84 ft	200.0 ml/min
7/31/2025 9:15 AM	15:00	6.482 pH	19.75 °C	171.2 µS/cm	4.344 mg/L	2.770 NTU	97.4 mV	15.94 ft	200.0 ml/min
7/31/2025 9:20 AM	20:00	6.491 pH	19.60 °C	171.3 µS/cm	4.298 mg/L	2.450 NTU	99.7 mV	16.04 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-2	Sampled at 0920

Low-Flow Test Report:

Test Date / Time: 7/25/2025 8:52:54 AM
Project: Plant Scherer (5)
Operator Name: L. Duong

Location Name: SCH-GWC-3 **Latitude: 33.06614303** **Longitude: -83.80695859133408** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.1 ft** **Total Depth: 50.1 ft** **Initial Depth to Water: 37.61 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
Clear 74F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/25/2025 8:52 AM	00:00	5.862 pH	25.30 °C	131.3 µS/cm	4.239 mg/L	45.40 NTU	161.2 mV	37.79 ft	150.0 ml/min
7/25/2025 8:57 AM	05:00	5.842 pH	24.51 °C	132.6 µS/cm	3.356 mg/L	21.70 NTU	233.7 mV	37.71 ft	150.0 ml/min
7/25/2025 9:02 AM	10:00	5.856 pH	24.46 °C	131.9 µS/cm	3.137 mg/L	14.30 NTU	253.6 mV	37.71 ft	150.0 ml/min
7/25/2025 9:07 AM	15:00	5.852 pH	24.42 °C	134.6 µS/cm	2.783 mg/L	9.910 NTU	264.2 mV	37.70 ft	150.0 ml/min
7/25/2025 9:14 AM	20:00	5.854 pH	24.79 °C	134.0 µS/cm	2.678 mg/L	7.250 NTU	269.2 mV	37.76 ft	150.0 ml/min
7/25/2025 9:19 AM	25:00	5.860 pH	24.56 °C	133.4 µS/cm	2.584 mg/L	6.520 NTU	273.6 mV	37.74 ft	150.0 ml/min
7/25/2025 9:24 AM	30:00	5.862 pH	24.26 °C	133.4 µS/cm	2.546 mg/L	4.770 NTU	277.6 mV	37.74 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/24/2025 12:00:30 PM
Project: Plant Scherer (3)
Operator Name: L. Duong

Location Name: SCH-GWC-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.41 ft** **Total Depth: 43.41 ft** **Initial Depth to Water: 33.16 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 38.41 m** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.41 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
Rainy 79F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 0.2	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/24/2025 12:01 PM	00:00	6.070 pH	21.98 °C	673.4 µS/cm	4.273 mg/L	0.490 NTU	125.9 mV	33.37 ft	200.0 ml/min
7/24/2025 12:05 PM	05:00	6.008 pH	20.48 °C	669.4 µS/cm	2.391 mg/L	0.460 NTU	224.8 mV	33.49 ft	200.0 ml/min
7/24/2025 12:13 PM	10:00	6.000 pH	20.39 °C	676.6 µS/cm	2.141 mg/L	0.320 NTU	320.0 mV	33.50 ft	200.0 ml/min
7/24/2025 12:18 PM	15:00	5.998 pH	20.51 °C	674.5 µS/cm	2.070 mg/L	0.360 NTU	346.8 mV	33.50 ft	200.0 ml/min
7/24/2025 12:23 PM	20:00	6.002 pH	20.65 °C	670.0 µS/cm	2.040 mg/L	0.360 NTU	274.0 mV	33.57 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/25/2025 10:14:15 AM
Project: Plant Scherer (6)
Operator Name: L. Duong

Location Name: SCH-GWC-5 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.16 ft** **Total Depth: 34.16 ft** **Initial Depth to Water: 20.39 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 29.16 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.22 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
Sunny 85F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/25/2025 10:14 AM	00:00	6.037 pH	20.97 °C	297.2 µS/cm	5.994 mg/L	1.980 NTU	172.8 mV	20.60 ft	200.0 ml/min
7/25/2025 10:19 AM	05:00	6.020 pH	20.26 °C	300.5 µS/cm	5.766 mg/L	0.750 NTU	275.8 mV	20.65 ft	200.0 ml/min
7/25/2025 10:25 AM	10:00	6.039 pH	20.18 °C	301.0 µS/cm	5.775 mg/L	0.720 NTU	305.3 mV	20.62 ft	200.0 ml/min
7/25/2025 10:30 AM	15:00	6.034 pH	20.16 °C	301.9 µS/cm	5.786 mg/L	0.610 NTU	320.9 mV	20.61 ft	200.0 ml/min
7/25/2025 10:35 AM	20:00	6.032 pH	20.24 °C	301.3 µS/cm	5.754 mg/L	0.730 NTU	334.4 mV	20.61 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/31/2025 10:53:51 AM
Project: Plant Scherer SAGW (3)
Operator Name: L. Duong

Location Name: SCH-GWC-6 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.5 ft** **Total Depth: 48.5 ft** **Initial Depth to Water: 38.67 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 43.5 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
Sunny 79F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/31/2025 10:53 AM	00:00	6.247 pH	21.88 °C	185.9 µS/cm	7.199 mg/L	1.100 NTU	127.4 mV	38.75 ft	200.0 ml/min
7/31/2025 10:58 AM	05:00	6.240 pH	21.77 °C	197.8 µS/cm	7.128 mg/L	0.700 NTU	96.8 mV	38.74 ft	200.0 ml/min
7/31/2025 11:04 AM	10:00	6.252 pH	21.69 °C	197.9 µS/cm	7.094 mg/L	0.660 NTU	97.1 mV	38.74 ft	200.0 ml/min
7/31/2025 11:09 AM	15:00	6.253 pH	21.61 °C	196.8 µS/cm	7.083 mg/L	0.480 NTU	124.5 mV	38.74 ft	200.0 ml/min
7/31/2025 11:14 AM	20:00	6.258 pH	21.48 °C	195.8 µS/cm	7.082 mg/L	0.340 NTU	124.9 mV	38.74 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/24/2025 2:23:41 PM
Project: Plant Scherer (4)
Operator Name: L. Duong

Location Name: SCH-GWC-7 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 48.72 ft** **Total Depth: 58.72 ft** **Initial Depth to Water: 42.84 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 53.72 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.52 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
Rainy 84F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/24/2025 2:23 PM	00:00	6.291 pH	24.22 °C	210.4 µS/cm	6.725 mg/L	2.060 NTU	160.5 mV	43.35 ft	200.0 ml/min
7/24/2025 2:28 PM	05:00	6.228 pH	23.65 °C	217.5 µS/cm	6.443 mg/L	1.800 NTU	394.9 mV	43.37 ft	200.0 ml/min
7/24/2025 2:36 PM	10:00	6.225 pH	23.51 °C	218.7 µS/cm	6.333 mg/L	1.440 NTU	337.9 mV	43.37 ft	200.0 ml/min
7/24/2025 2:41 PM	15:00	6.220 pH	23.56 °C	213.5 µS/cm	6.210 mg/L	1.420 NTU	471.9 mV	43.36 ft	200.0 ml/min
7/24/2025 2:46 PM	20:00	6.218 pH	23.05 °C	216.0 µS/cm	6.239 mg/L	1.130 NTU	378.7 mV	43.36 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/31/2025 10:24:09 AM
Project: SCH-GWC-8A
Operator Name: EEA

Location Name: SCH-GWC-8A **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 37.5 ft** **Total Depth: 47.5 ft** **Initial Depth to Water: 22.95 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 42.5 m** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.34 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 85

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/31/2025 10:24 AM	00:00	6.358 pH	22.67 °C	406.7 µS/cm	1.229 mg/L	2.580 NTU	48.9 mV	23.27 ft	200.0 ml/min
7/31/2025 10:29 AM	05:00	6.364 pH	21.78 °C	409.8 µS/cm	0.655 mg/L	4.340 NTU	45.7 mV	23.29 ft	200.0 ml/min
7/31/2025 10:34 AM	10:00	6.374 pH	21.65 °C	405.2 µS/cm	0.582 mg/L	2.900 NTU	43.7 mV	23.29 ft	200.0 ml/min
7/31/2025 10:39 AM	15:00	6.373 pH	21.61 °C	404.7 µS/cm	0.544 mg/L	2.180 NTU	43.0 mV	23.29 ft	200.0 ml/min
7/31/2025 10:44 AM	20:00	6.381 pH	21.70 °C	401.6 µS/cm	0.466 mg/L	2.270 NTU	38.5 mV	23.29 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-8A	Sampled at 1044

Low-Flow Test Report:

Test Date / Time: 7/31/2025 11:10:38 AM
Project: SCH-GWC-9
Operator Name: EEA

Location Name: SCH-GWC-9 **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 5 ft** **Top of Screen: 15.25 ft** **Total Depth: 20.25 ft** **Initial Depth to Water: 7.02 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 15.25 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.53 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 85

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/31/2025 11:10 AM	00:00	6.779 pH	23.47 °C	248.7 µS/cm	4.230 mg/L	2.630 NTU	100.7 mV	7.320 ft	200.0 ml/min
7/31/2025 11:15 AM	05:00	6.641 pH	20.51 °C	223.3 µS/cm	3.039 mg/L	4.170 NTU	83.5 mV	7.490 ft	200.0 ml/min
7/31/2025 11:20 AM	10:00	6.568 pH	20.33 °C	219.4 µS/cm	2.243 mg/L	3.980 NTU	78.8 mV	7.530 ft	200.0 ml/min
7/31/2025 11:25 AM	15:00	6.537 pH	20.38 °C	216.3 µS/cm	2.082 mg/L	2.790 NTU	79.5 mV	7.550 ft	200.0 ml/min
7/31/2025 11:30 AM	20:00	6.512 pH	20.31 °C	215.3 µS/cm	1.999 mg/L	2.820 NTU	78.8 mV	7.550 ft	200.0 ml/min
7/31/2025 11:35 AM	25:00	6.497 pH	20.20 °C	214.3 µS/cm	1.984 mg/L	2.200 NTU	78.6 mV	7.550 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-9	Sampled at 1135

Low-Flow Test Report:

Test Date / Time: 8/1/2025 8:55:47 AM
Project: SCH-GWC-10
Operator Name: Jake Stucky

Location Name: SCH-GWC-10 **Latitude: 33.07398236325429** **Longitude: -83.79637529086396** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.65 ft** **Total Depth: 40.65 ft** **Initial Depth to Water: 11.02 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 35.65 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
8/1/2025 8:55 AM	00:00	6.263 pH	24.57 °C	218.1 µS/cm	1.008 mg/L	12.80 NTU	133.2 mV	11.02 ft	100.0 ml/min
8/1/2025 8:58 AM	05:00	6.204 pH	22.84 °C	225.3 µS/cm	0.410 mg/L	14.20 NTU	189.1 mV	11.11 ft	100.0 ml/min
8/1/2025 9:03 AM	10:00	6.243 pH	22.65 °C	223.7 µS/cm	0.327 mg/L	13.00 NTU	204.0 mV	11.11 ft	100.0 ml/min
8/1/2025 9:08 AM	15:00	6.244 pH	22.71 °C	224.5 µS/cm	0.648 mg/L	12.60 NTU	214.4 mV	11.11 ft	100.0 ml/min
8/1/2025 9:13 AM	20:00	6.240 pH	22.53 °C	222.2 µS/cm	0.281 mg/L	12.10 NTU	296.6 mV	11.11 ft	100.0 ml/min
8/1/2025 9:18 AM	25:00	6.244 pH	22.76 °C	225.5 µS/cm	0.308 mg/L	10.90 NTU	224.2 mV	11.11 ft	100.0 ml/min
8/1/2025 9:23 AM	30:00	6.249 pH	22.88 °C	222.7 µS/cm	0.410 mg/L	9.680 NTU	225.2 mV	11.11 ft	100.0 ml/min
8/1/2025 9:28 AM	35:00	6.242 pH	23.06 °C	222.4 µS/cm	0.623 mg/L	8.640 NTU	236.0 mV	11.11 ft	100.0 ml/min
8/1/2025 9:33 AM	40:00	6.241 pH	23.07 °C	219.7 µS/cm	0.334 mg/L	6.780 NTU	241.4 mV	11.11 ft	100.0 ml/min
8/1/2025 9:38 AM	45:00	6.245 pH	23.16 °C	217.0 µS/cm	0.422 mg/L	6.260 NTU	243.3 mV	11.11 ft	100.0 ml/min
8/1/2025 9:43 AM	50:00	6.247 pH	23.22 °C	216.1 µS/cm	0.490 mg/L	5.830 NTU	247.3 mV	11.11 ft	100.0 ml/min
8/1/2025 9:48 AM	55:00	6.248 pH	23.38 °C	216.1 µS/cm	0.498 mg/L	4.810 NTU	250.8 mV	11.11 ft	100.0 ml/min
8/1/2025 9:53 AM	01:00:00	6.252 pH	23.56 °C	214.9 µS/cm	0.511 mg/L	4.610 NTU	254.4 mV	11.11 ft	100.0 ml/min
8/1/2025 9:58 AM	01:05:00	6.228 pH	23.66 °C	212.7 µS/cm	0.618 mg/L	4.190 NTU	258.1 mV	11.11 ft	100.0 ml/min
8/1/2025 10:05 AM	01:10:00	6.244 pH	23.77 °C	212.9 µS/cm	0.603 mg/L	3.990 NTU	261.7 mV	11.11 ft	100.0 ml/min

8/1/2025 10:10 AM	01:15:00	6.247 pH	24.02 °C	211.8 µS/cm	0.590 mg/L	2.970 NTU	264.8 mV	11.11 ft	100.0 ml/min
8/1/2025 10:15 AM	01:20:00	6.244 pH	23.95 °C	211.1 µS/cm	0.640 mg/L	2.550 NTU	269.5 mV	11.11 ft	100.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-10	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/30/2025 2:30:43 PM
Project: Plant Scherer SAGW (2)
Operator Name: L. Duong

Location Name: SCH-GWC-11 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.54 ft** **Total Depth: 34.54 ft** **Initial Depth to Water: 18.5 m**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 29.54 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: -12.834 m**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
Sunny 86F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/30/2025 2:30 PM	00:00	6.106 pH	23.32 °C	135.4 µS/cm	1.855 mg/L	0.970 NTU	93.7 mV	18.57 ft	150.0 ml/min
7/30/2025 2:35 PM	05:00	6.104 pH	23.17 °C	134.3 µS/cm	1.580 mg/L	1.520 NTU	76.2 mV	18.59 ft	150.0 ml/min
7/30/2025 2:41 PM	10:00	6.107 pH	23.25 °C	134.0 µS/cm	1.566 mg/L	1.790 NTU	74.8 mV	18.59 ft	150.0 ml/min
7/30/2025 2:46 PM	15:00	6.109 pH	23.07 °C	133.8 µS/cm	1.569 mg/L	2.550 NTU	74.4 mV	18.59 ft	150.0 ml/min
7/30/2025 2:51 PM	20:00	6.108 pH	23.18 °C	134.0 µS/cm	1.557 mg/L	2.040 NTU	73.6 mV	18.59 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/30/2025 1:05:56 PM
Project: SCH-GWC-12
Operator Name: EEA

Location Name: SCH-GWC-12 **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 27.82 ft** **Total Depth: 37.82 ft** **Initial Depth to Water: 25.4 ft**	**Pump Type: Dedicated** **Tubing Type: LDPE** **Pump Intake From TOC: 32.82 ft** **Estimated Total Volume Pumped: 4230 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.28 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 90

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/30/2025 1:05 PM	00:00	5.997 pH	27.22 °C	28.14 µS/cm	7.119 mg/L	0.690 NTU	139.7 mV	25.68 ft	200.0 ml/min
7/30/2025 1:09 PM	05:00	5.118 pH	21.12 °C	28.06 µS/cm	4.662 mg/L	0.660 NTU	125.2 mV	25.68 ft	200.0 ml/min
7/30/2025 1:14 PM	10:00	5.090 pH	20.91 °C	28.55 µS/cm	4.286 mg/L	1.740 NTU	123.0 mV	25.68 ft	200.0 ml/min
7/30/2025 1:16 PM	11:09	5.091 pH	20.88 °C	28.66 µS/cm	4.219 mg/L	1.740 NTU	149.3 mV	25.68 ft	200.0 ml/min
7/30/2025 1:21 PM	16:09	5.111 pH	20.75 °C	29.11 µS/cm	4.051 mg/L	0.870 NTU	114.0 mV	25.68 ft	200.0 ml/min
7/30/2025 1:26 PM	21:09	5.106 pH	20.73 °C	29.12 µS/cm	3.946 mg/L	0.840 NTU	115.2 mV	25.68 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-12	Sampled at 1326

Low-Flow Test Report:

Test Date / Time: 7/30/2025 13:53:00 PM
Project: Plant Scherer
Operator Name: Ethan Askin

Location Name: SCH-GWC-13 **Latitude: -** **Longitude: -** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 34.15 ft** **Total Depth: 44.15 ft** **Initial Depth to Water: 30.35 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 39.15 ft** **Estimated Total Volume Pumped: 3000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Clear 90F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/30/2025 2:03 PM	10:00	5.841 pH	22.44 °C	92.7 µS/cm	4.320 mg/L	0.410 NTU	131.8 mV	30.50 ft	150.0 ml/min
7/30/2025 2:08 PM	15:00	5.867 pH	22.27 °C	93.98 µS/cm	4.150 mg/L	0.270 NTU	98.60 mV	30.50 ft	150.0 ml/min
7/30/2025 2:13 PM	20:00	5.875 pH	22.11 °C	94.17 µS/cm	4.017 mg/L	0.530 NTU	95.60 mV	30.50 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/31/2025 12:07:15 PM
Project: Plant Scherer SAGW (4)
Operator Name: L. Duong

Location Name: SCH-GWC-14 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.5 ft** **Total Depth: 27.5 ft** **Initial Depth to Water: 12.73 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 18.8 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.08 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
Sunny 90F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/31/2025 12:07 PM	00:00	5.583 pH	25.41 °C	76.96 µS/cm	2.623 mg/L	29.30 NTU	126.8 mV	12.79 ft	200.0 ml/min
7/31/2025 12:12 PM	05:00	5.588 pH	24.24 °C	79.46 µS/cm	2.074 mg/L	20.10 NTU	93.2 mV	12.79 ft	200.0 ml/min
7/31/2025 12:17 PM	10:00	5.593 pH	24.03 °C	80.52 µS/cm	1.479 mg/L	15.80 NTU	86.2 mV	12.84 ft	200.0 ml/min
7/31/2025 12:22 PM	15:00	5.605 pH	23.38 °C	80.94 µS/cm	1.337 mg/L	13.20 NTU	76.9 mV	12.82 ft	200.0 ml/min
7/31/2025 12:27 PM	20:00	5.604 pH	23.43 °C	81.63 µS/cm	1.223 mg/L	6.730 NTU	75.6 mV	12.81 ft	200.0 ml/min
7/31/2025 12:32 PM	25:00	5.608 pH	23.50 °C	81.72 µS/cm	1.150 mg/L	3.770 NTU	75.2 mV	12.81 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 7/24/2025 10:20:07 AM
Project: SCS Plant Scherer (4)
Operator Name: Daniel Howard

Location Name: SCH-GWA-15 **Latitude: 33.07875896341454** **Longitude: -83.79877324223872** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 19.54 ft** **Total Depth: 29.54 ft** **Initial Depth to Water: 13.13 ft**	**Pump Type: Dedicated bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 20.5 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.23 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1045. Also collected duplicate sample SCH-CELL1-FD-6. Purge form mistakenly says Pump intake is 20.95. Correct pump intake is 24.5

Weather Conditions:
Partly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/24/2025 10:20 AM	00:00	5.429 pH	22.46 °C	68.16 µS/cm	1.495 mg/L	5.510 NTU	173.8 mV	13.35 ft	200.0 ml/min
7/24/2025 10:25 AM	05:00	5.321 pH	19.96 °C	69.73 µS/cm	0.762 mg/L	7.500 NTU	257.3 mV	13.36 ft	200.0 ml/min
7/24/2025 10:30 AM	10:00	5.327 pH	19.68 °C	70.68 µS/cm	0.603 mg/L	4.890 NTU	270.5 mV	13.36 ft	200.0 ml/min
7/24/2025 10:35 AM	15:00	5.326 pH	19.68 °C	70.84 µS/cm	0.468 mg/L	3.310 NTU	271.9 mV	13.36 ft	200.0 ml/min
7/24/2025 10:40 AM	20:00	5.325 pH	19.59 °C	70.86 µS/cm	0.350 mg/L	1.220 NTU	270.4 mV	13.36 ft	200.0 ml/min
7/24/2025 10:45 AM	25:00	5.322 pH	19.47 °C	70.86 µS/cm	0.265 mg/L	0.600 NTU	268.3 mV	13.36 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-15	

Low-Flow Test Report:

Test Date / Time: 7/24/2025 12:49:13 PM
Project: SCS Plant Scherer (5)
Operator Name: Daniel Howard

Location Name: SCH-GWA-16 **Latitude: 33.07865326761555** **Longitude: -83.79873912789282** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 47.93 ft** **Total Depth: 57.93 ft** **Initial Depth to Water: 33.99 ft**	**Pump Type: Dedicated bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 49.58 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 20.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1314.

Weather Conditions:
Partly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/24/2025 12:49 PM	00:00	6.277 pH	21.90 °C	146.6 µS/cm	5.764 mg/L	3.480 NTU	158.8 mV	33.99 ft	200.0 ml/min
7/24/2025 12:54 PM	05:00	6.295 pH	21.23 °C	145.8 µS/cm	5.695 mg/L	1.940 NTU	275.2 mV	34.13 ft	200.0 ml/min
7/24/2025 12:59 PM	10:00	6.309 pH	20.89 °C	147.5 µS/cm	5.689 mg/L	1.800 NTU	305.0 mV	34.13 ft	200.0 ml/min
7/24/2025 1:04 PM	15:00	6.298 pH	20.84 °C	145.8 µS/cm	5.562 mg/L	1.650 NTU	420.1 mV	34.13 ft	200.0 ml/min
7/24/2025 1:09 PM	20:00	6.306 pH	20.93 °C	145.5 µS/cm	5.503 mg/L	1.060 NTU	435.9 mV	34.13 ft	200.0 ml/min
7/24/2025 1:14 PM	25:00	6.310 pH	20.89 °C	146.5 µS/cm	5.513 mg/L	0.830 NTU	442.5 mV	34.13 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-16	

Low-Flow Test Report:

Test Date / Time: 7/24/2025 2:26:15 PM
Project: SCS Plant Scherer (6)
Operator Name: Daniel Howard

Location Name: SCH-GWA-17 **Latitude: 33.07865326761555** **Longitude: -83.79873912789282** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 36.76 ft** **Total Depth: 46.76 ft** **Initial Depth to Water: 32.06 ft**	**Pump Type: Dedicated bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 41.76 ft** **Estimated Total Volume Pumped: 3750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1451.

Weather Conditions:
Partly cloudy. Rain on and off

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	+/- 10	+/- 0.3	100-500 mL/ min (low-flow)
7/24/2025 2:26 PM	00:00	6.078 pH	23.87 °C	90.11 µS/cm	7.479 mg/L	2.080 NTU	155.1 mV	32.06 ft	150.0 ml/min
7/24/2025 2:31 PM	05:00	6.083 pH	22.68 °C	93.19 µS/cm	7.568 mg/L	2.470 NTU	284.6 mV	32.19 ft	150.0 ml/min
7/24/2025 2:36 PM	10:00	6.093 pH	22.53 °C	95.24 µS/cm	7.458 mg/L	2.720 NTU	421.5 mV	32.19 ft	150.0 ml/min
7/24/2025 2:41 PM	15:00	6.116 pH	22.40 °C	97.92 µS/cm	7.386 mg/L	2.460 NTU	454.1 mV	32.20 ft	150.0 ml/min
7/24/2025 2:46 PM	20:00	6.127 pH	22.51 °C	99.78 µS/cm	7.297 mg/L	1.720 NTU	465.5 mV	32.20 ft	150.0 ml/min
7/24/2025 2:51 PM	25:00	6.118 pH	22.48 °C	101.4 µS/cm	7.252 mg/L	1.480 NTU	361.5 mV	32.20 ft	150.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-17	

Low-Flow Test Report:

Test Date / Time: 7/28/2025 2:36:45 PM
Project: SCH-GWC-18
Operator Name: Jake Stucky

Location Name: SCH-GWC-18 **Latitude: 33.0786275** **Longitude: -83.7955449** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 64.25 ft** **Total Depth: 74.25 ft** **Initial Depth to Water: 35.45 ft**	**Pump Type: Dedicated pump** **Tubing Type: LPDE** **Pump Intake From TOC: 66.25 ft** **Estimated Total Volume Pumped: 2000 mL** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 gal/min** **Final Draw Down: 0.77 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
Sunny 90s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3	+/- 0.2	+/- 5	+/- 10	+/- 5	
7/28/2025 2:36 PM	00:00	6.349 pH	24.42 °C	121.6 µS/cm	6.332 mg/L	4.310 NTU	170.8 mV	35.45 ft	100.0 gal/min
7/28/2025 2:40 PM	05:00	6.353 pH	23.15 °C	124.2 µS/cm	6.439 mg/L	6.660 NTU	440.8 mV	36.15 ft	100.0 gal/min
7/28/2025 2:46 PM	10:00	6.354 pH	23.08 °C	124.1 µS/cm	6.418 mg/L	5.010 NTU	470.6 mV	36.22 ft	100.0 gal/min
7/28/2025 2:51 PM	15:00	6.350 pH	23.06 °C	123.0 µS/cm	6.318 mg/L	5.540 NTU	481.8 mV	36.22 ft	100.0 gal/min
7/28/2025 2:56 PM	20:00	6.334 pH	22.97 °C	123.6 µS/cm	6.349 mg/L	4.860 NTU	629.2 mV	36.22 ft	100.0 gal/min

Samples

Sample ID:	Description:
SCH-GWC-18	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/30/2025 10:05:07 AM
Project: SCH-GWC-19
Operator Name: Juliet

Location Name: SCH-GWC-19 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.4 ft** **Total Depth: 37.4 ft** **Initial Depth to Water: 16.05 ft**	**Pump Type: Dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 37.4 ft** **Estimated Total Volume Pumped: 4490 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Weather Conditions:
Sunny, 83

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500 mL/ min (low-flow)
7/30/2025 10:05 AM	00:00	5.243 pH	21.53 °C	607.8 µS/cm	2.766 mg/L	2.700 NTU	89.4 mV	16.05 ft	200.0 ml/min
7/30/2025 10:12 AM	07:27	5.314 pH	21.32 °C	598.5 µS/cm	2.671 mg/L	1.200 NTU	123.9 mV	16.05 ft	200.0 ml/min
7/30/2025 10:17 AM	12:27	5.336 pH	21.51 °C	608.0 µS/cm	2.668 mg/L	1.070 NTU	127.9 mV	16.05 ft	200.0 ml/min
7/30/2025 10:22 AM	17:27	5.337 pH	21.53 °C	605.5 µS/cm	2.659 mg/L	0.960 NTU	99.0 mV	16.05 ft	200.0 ml/min
7/30/2025 10:27 AM	22:27	5.340 pH	21.38 °C	604.4 µS/cm	2.808 mg/L	0.940 NTU	96.8 mV	16.05 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-19	
SCH-FD-7	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/28/2025 12:37:11 PM
Project: SCH-GWC-20
Operator Name: Jake Stucky

Location Name: SCH-GWC-20 **Latitude: 33.0784642** **Longitude: -83.7925387** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 62.7 ft** **Total Depth: 72.7 ft** **Initial Depth to Water: 46.3 ft**	**Pump Type: Dedicated pump** **Tubing Type: LPDE** **Pump Intake From TOC: 64.74 ft** **Estimated Total Volume Pumped: 3000 mL** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 mL/min** **Final Draw Down: 0.25 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Weather Conditions:
Sunny 90s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Salinity	Flow
		+/- 0.1	Record Only °C	+/- 5 %	+/- 10	≤ 5 NTU	Record Only	+/- 0.3	+/- 10	100-500 mL/min (low-flow)
7/28/2025 12:37 PM	00:00	7.034 pH	29.46 °C	164.7 µS/cm	5.715 mg/L	2.700 NTU	170.6 mV	46.30 ft	0.078 PSU	100.0 mL/min
7/28/2025 12:42 PM	05:00	6.516 pH	22.97 °C	179.6 µS/cm	5.024 mg/L	4.890 NTU	334.3 mV	46.55 ft	0.085 PSU	100.0 mL/min
7/28/2025 12:45 PM	08:43	6.491 pH	22.66 °C	179.4 µS/cm	4.896 mg/L	4.890 NTU	488.5 mV	46.55 ft	0.085 PSU	100.0 mL/min
7/28/2025 12:50 PM	13:43	6.481 pH	22.74 °C	180.2 µS/cm	4.719 mg/L	4.980 NTU	401.2 mV	46.55 ft	0.086 PSU	100.0 mL/min
7/28/2025 12:57 PM	20:00	6.421 pH	22.68 °C	179.6 µS/cm	4.610 mg/L	4.170 NTU	420.4 mV	46.55 ft	0.085 PSU	100.0 mL/min
7/28/2025 1:02 PM	25:00	6.464 pH	22.70 °C	179.4 µS/cm	4.503 mg/L	4.220 NTU	425.9 mV	46.55 ft	0.085 PSU	100.0 mL/min
7/28/2025 1:07 PM	30:00	6.467 pH	22.75 °C	178.4 µS/cm	4.435 mg/L	3.910 NTU	449.8 mV	46.55 ft	0.085 PSU	100.0 mL/min

Samples

Sample ID:	Description:
SCH-GWC-20	

Low-Flow Test Report:

Test Date / Time: 7/28/2025 11:53:55 AM
Project: SCH-GWA-21
Operator Name: Z west

Location Name: SCH-GWA-21 **Latitude: 33.080483372354095** **Longitude: -83.79808483653125** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 10.6 ft** **Total Depth: 20.6 ft** **Initial Depth to Water: 7.05 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 15.6 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 4.92 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
91 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 11:53 AM	00:00	5.873 pH	26.20 °C	89.90 µS/cm	3.165 mg/L	14.40 NTU	156.4 mV	7.050 ft	200.0 ml/min
7/28/2025 11:58 AM	05:00	5.816 pH	22.45 °C	90.43 µS/cm	3.427 mg/L	8.930 NTU	105.1 mV	7.460 ft	200.0 ml/min
7/28/2025 12:03 PM	10:00	5.807 pH	22.60 °C	89.66 µS/cm	3.340 mg/L	5.720 NTU	97.1 mV	7.460 ft	200.0 ml/min
7/28/2025 12:08 PM	15:00	5.804 pH	22.63 °C	89.88 µS/cm	3.135 mg/L	4.390 NTU	94.3 mV	7.460 ft	200.0 ml/min
7/28/2025 12:13 PM	20:00	5.803 pH	22.76 °C	89.63 µS/cm	3.042 mg/L	2.990 NTU	126.7 mV	7.460 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-21	+ FB

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/28/2025 12:46:25 PM
Project: SCH-GWA-22
Operator Name: Z west

Location Name: SCH-GWA-22 **Latitude: 33.081265613467586** **Longitude: -83.79810914405044** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.5 ft** **Total Depth: 42.5 ft** **Initial Depth to Water: 26.75 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 37.5 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.08 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
93 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 12:46 PM	00:00	5.891 pH	35.69 °C	77.21 µS/cm	5.560 mg/L	4.150 NTU	120.2 mV	26.75 ft	200.0 ml/min
7/28/2025 12:51 PM	05:00	5.915 pH	25.17 °C	77.50 µS/cm	4.646 mg/L	1.290 NTU	92.0 mV	26.84 ft	200.0 ml/min
7/28/2025 12:56 PM	10:00	5.952 pH	23.58 °C	80.68 µS/cm	4.558 mg/L	1.720 NTU	87.7 mV	26.84 ft	200.0 ml/min
7/28/2025 1:01 PM	15:00	5.979 pH	23.25 °C	83.17 µS/cm	4.737 mg/L	0.820 NTU	86.4 mV	26.84 ft	200.0 ml/min
7/28/2025 1:06 PM	20:00	5.986 pH	23.15 °C	84.57 µS/cm	4.830 mg/L	1.050 NTU	86.7 mV	26.84 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-22	

Low-Flow Test Report:

Test Date / Time: 7/28/2025 2:15:42 PM
Project: SCH-GWC-29
Operator Name: Z west

Location Name: SCH-GWC-29 **Latitude: 33.07829358315558** **Longitude: -83.80058550191843** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17 ft** **Total Depth: 27 ft** **Initial Depth to Water: 5.67 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 22 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.18 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
95 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 2:15 PM	00:00	6.140 pH	25.84 °C	186.0 µS/cm	1.414 mg/L	4.610 NTU	216.8 mV	5.670 ft	200.0 ml/min
7/28/2025 2:20 PM	05:00	6.162 pH	23.16 °C	196.6 µS/cm	0.386 mg/L	4.110 NTU	318.7 mV	5.850 ft	200.0 ml/min
7/28/2025 2:25 PM	10:00	6.173 pH	22.96 °C	198.9 µS/cm	0.237 mg/L	2.140 NTU	329.1 mV	5.850 ft	200.0 ml/min
7/28/2025 2:30 PM	15:00	6.176 pH	22.79 °C	199.8 µS/cm	0.201 mg/L	0.920 NTU	337.2 mV	5.850 ft	200.0 ml/min
7/28/2025 2:35 PM	20:00	6.185 pH	22.53 °C	199.5 µS/cm	0.179 mg/L	0.790 NTU	347.7 mV	5.850 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-29	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/28/2025 3:06:09 PM
Project: SCH-GWA-45
Operator Name: Z west

Location Name: SCH-GWA-45 **Latitude: 33.080481151149755** **Longitude: -83.80324264064785** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 26 ft** **Total Depth: 36 ft** **Initial Depth to Water: 20.21 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.94 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
96 sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 3:06 PM	00:00	6.333 pH	25.69 °C	369.9 µS/cm	3.145 mg/L	15.80 NTU	121.6 mV	20.21 ft	200.0 ml/min
7/28/2025 3:11 PM	05:00	6.072 pH	20.79 °C	415.8 µS/cm	0.567 mg/L	9.610 NTU	104.1 mV	20.51 ft	200.0 ml/min
7/28/2025 3:16 PM	10:00	6.059 pH	21.60 °C	410.6 µS/cm	0.421 mg/L	4.890 NTU	78.8 mV	21.15 ft	200.0 ml/min
7/28/2025 3:21 PM	15:00	6.054 pH	21.68 °C	409.3 µS/cm	0.421 mg/L	2.570 NTU	71.0 mV	21.15 ft	200.0 ml/min
7/28/2025 3:26 PM	20:00	6.083 pH	21.59 °C	406.2 µS/cm	0.475 mg/L	1.650 NTU	67.1 mV	21.15 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-45	+ blank

Low-Flow Test Report:

Test Date / Time: 7/30/2025 12:06:46 PM
Project: SCH-GWA-46 (2) resample
Operator Name: EEA

Location Name: GWA-46 **Latitude: 33.06605306270481** **Longitude: -83.80704794494754** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37 ft** **Total Depth: 47 ft** **Initial Depth to Water: 35.1 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 38.44 ft** **Estimated Total Volume Pumped: 6000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/30/2025 12:06 PM	00:00	5.920 pH	24.54 °C	74.29 µS/cm	4.201 mg/L	0.320 NTU	125.7 mV	35.10 ft	200.0 ml/min
7/30/2025 12:11 PM	05:00	5.885 pH	21.05 °C	79.74 µS/cm	3.837 mg/L	1.150 NTU	95.9 mV	35.20 ft	200.0 ml/min
7/30/2025 12:16 PM	10:00	5.876 pH	20.63 °C	79.77 µS/cm	3.494 mg/L	0.440 NTU	90.6 mV	35.23 ft	200.0 ml/min
7/30/2025 12:21 PM	15:00	5.844 pH	20.78 °C	79.52 µS/cm	2.157 mg/L	0.450 NTU	89.5 mV	35.23 ft	200.0 ml/min
7/30/2025 12:26 PM	20:00	5.848 pH	20.83 °C	79.77 µS/cm	1.959 mg/L	0.450 NTU	88.5 mV	35.23 ft	200.0 ml/min
7/30/2025 12:31 PM	25:00	5.842 pH	20.65 °C	79.64 µS/cm	1.916 mg/L	0.350 NTU	87.1 mV	35.23 ft	200.0 ml/min
7/30/2025 12:36 PM	30:00	5.842 pH	20.73 °C	79.34 µS/cm	1.887 mg/L	0.360 NTU	87.0 mV	35.23 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-46	Resampled at 1236 with FD-7

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/28/2025 2:23:04 PM
Project: SCH-GWA-47
Operator Name: EEA

Location Name: GWA-47 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 46.55 ft** **Total Depth: 56.55 ft** **Initial Depth to Water: 41.9 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 48.05 ft** **Estimated Total Volume Pumped: 4633.333 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 2:23 PM	00:00	6.611 pH	23.88 °C	130.7 µS/cm	6.379 mg/L	3.800 NTU	119.0 mV	43.05 ft	200.0 ml/min
7/28/2025 2:28 PM	05:00	6.372 pH	20.61 °C	139.2 µS/cm	6.555 mg/L	3.410 NTU	96.1 mV	43.70 ft	200.0 ml/min
7/28/2025 2:29 PM	06:47	6.372 pH	20.52 °C	138.0 µS/cm	6.458 mg/L	3.410 NTU	88.0 mV	43.70 ft	200.0 ml/min
7/28/2025 2:34 PM	11:47	6.375 pH	20.31 °C	138.9 µS/cm	6.236 mg/L	1.470 NTU	94.3 mV	43.95 ft	200.0 ml/min
7/28/2025 2:39 PM	16:47	6.374 pH	20.23 °C	138.6 µS/cm	6.070 mg/L	0.700 NTU	92.9 mV	44.00 ft	200.0 ml/min
7/28/2025 2:46 PM	23:10	6.362 pH	20.14 °C	140.4 µS/cm	5.965 mg/L	0.670 NTU	68.7 mV	44.10 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-47	Sampled at 1446

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/28/2025 1:08:59 PM
Project: SCH-GWA-48
Operator Name: EEA

Location Name: GWA-48 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 63.92 ft** **Total Depth: 73.92 ft** **Initial Depth to Water: 38.95 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 68.92 ft** **Estimated Total Volume Pumped: 9362.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 51.0 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 90

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 1:08 PM	00:00	6.420 pH	25.47 °C	117.0 µS/cm	6.938 mg/L	1.290 NTU	112.5 mV	40.90 ft	200.0 ml/min
7/28/2025 1:13 PM	05:00	6.670 pH	20.38 °C	122.3 µS/cm	5.190 mg/L	7.190 NTU	83.4 mV	42.25 ft	250.0 ml/min
7/28/2025 1:18 PM	10:00	6.695 pH	20.23 °C	122.8 µS/cm	5.436 mg/L	6.780 NTU	82.7 mV	43.00 ft	250.0 ml/min
7/28/2025 1:22 PM	13:27	6.721 pH	20.16 °C	121.4 µS/cm	5.400 mg/L	4.570 NTU	83.4 mV	43.60 ft	250.0 ml/min
7/28/2025 1:27 PM	18:27	6.730 pH	20.29 °C	123.7 µS/cm	5.877 mg/L	4.320 NTU	82.0 mV	43.45 ft	200.0 ml/min
7/28/2025 1:32 PM	23:27	6.741 pH	21.05 °C	122.5 µS/cm	6.089 mg/L	3.900 NTU	83.5 mV	43.30 ft	200.0 ml/min
7/28/2025 1:37 PM	28:27	6.743 pH	20.93 °C	122.2 µS/cm	7.175 mg/L	3.380 NTU	83.4 mV	43.20 ft	200.0 ml/min
7/28/2025 1:42 PM	33:27	6.733 pH	20.38 °C	121.8 µS/cm	5.272 mg/L	3.260 NTU	83.3 mV	43.00 ft	200.0 ml/min
7/28/2025 1:47 PM	38:27	6.722 pH	20.14 °C	122.2 µS/cm	5.449 mg/L	4.000 NTU	83.4 mV	43.20 ft	200.0 ml/min
7/28/2025 1:52 PM	43:27	6.716 pH	20.10 °C	122.4 µS/cm	5.379 mg/L	4.000 NTU	84.2 mV	43.20 ft	200.0 ml/min

Samples

Sample ID:	Description:

SCH-GWA-48	Sampled at 1352 with SCH-FD-8

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/28/2025 11:44:19 AM
Project: SCH-GWA-49
Operator Name: EEA

Location Name: GWA-49 **Latitude: 33.0659961946401** **Longitude: -83.80705649582593** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31 ft** **Total Depth: 41 ft** **Initial Depth to Water: 14 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 36 ft** **Estimated Total Volume Pumped: 11000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 19.8 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 87

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 11:44 AM	00:00	6.987 pH	22.70 °C	138.9 µS/cm	6.699 mg/L	2.180 NTU	135.7 mV	14.85 ft	200.0 ml/min
7/28/2025 11:49 AM	05:00	6.893 pH	19.93 °C	141.8 µS/cm	7.024 mg/L	8.540 NTU	95.8 mV	15.10 ft	200.0 ml/min
7/28/2025 11:54 AM	10:00	6.873 pH	19.89 °C	142.3 µS/cm	6.981 mg/L	6.980 NTU	93.0 mV	15.15 ft	200.0 ml/min
7/28/2025 11:59 AM	15:00	6.866 pH	20.02 °C	142.6 µS/cm	6.954 mg/L	7.500 NTU	119.1 mV	15.15 ft	200.0 ml/min
7/28/2025 12:04 PM	20:00	6.864 pH	19.76 °C	141.4 µS/cm	6.927 mg/L	7.420 NTU	91.8 mV	15.15 ft	200.0 ml/min
7/28/2025 12:09 PM	25:00	6.868 pH	19.75 °C	141.0 µS/cm	6.908 mg/L	8.590 NTU	91.3 mV	15.15 ft	200.0 ml/min
7/28/2025 12:14 PM	30:00	6.867 pH	19.35 °C	140.4 µS/cm	6.923 mg/L	7.120 NTU	91.4 mV	15.40 ft	250.0 ml/min
7/28/2025 12:19 PM	35:00	6.865 pH	19.34 °C	140.3 µS/cm	6.900 mg/L	6.850 NTU	91.6 mV	15.40 ft	250.0 ml/min
7/28/2025 12:24 PM	40:00	6.863 pH	19.32 °C	140.3 µS/cm	6.883 mg/L	6.310 NTU	118.5 mV	15.40 ft	250.0 ml/min
7/28/2025 12:29 PM	45:00	6.855 pH	19.23 °C	140.4 µS/cm	6.894 mg/L	5.380 NTU	119.2 mV	15.40 ft	250.0 ml/min
7/28/2025 12:34 PM	50:00	6.859 pH	19.08 °C	141.4 µS/cm	6.851 mg/L	4.810 NTU	91.3 mV	15.65 ft	250.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-49	Sampled at 1233

Low-Flow Test Report:

Test Date / Time: 7/28/2025 1:56:57 PM
Project: SCH-GWC-50
Operator Name: Juliet

Location Name: SCH-GWC-50 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 26.3 ft** **Total Depth: 36.3 ft** **Initial Depth to Water: 9.51 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 31.3 ft** **Estimated Total Volume Pumped: 6000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:
ANTS

Weather Conditions:
Sunny, 95

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 1:56 PM	00:00	5.526 pH	23.57 °C	87.07 µS/cm	1.101 mg/L	11.90 NTU	53.0 mV	9.510 ft	200.0 ml/min
7/28/2025 2:01 PM	05:00	5.627 pH	21.06 °C	89.70 µS/cm	0.904 mg/L	8.980 NTU	54.9 mV	10.45 ft	200.0 ml/min
7/28/2025 2:06 PM	10:00	5.642 pH	21.01 °C	90.60 µS/cm	0.964 mg/L	7.370 NTU	130.8 mV	10.54 ft	200.0 ml/min
7/28/2025 2:11 PM	15:00	5.654 pH	20.86 °C	91.05 µS/cm	0.831 mg/L	5.650 NTU	186.7 mV	10.54 ft	200.0 ml/min
7/28/2025 2:16 PM	20:00	5.625 pH	20.97 °C	90.78 µS/cm	0.877 mg/L	5.490 NTU	208.8 mV	10.54 ft	200.0 ml/min
7/28/2025 2:21 PM	25:00	5.605 pH	20.94 °C	90.97 µS/cm	0.933 mg/L	4.490 NTU	262.7 mV	10.54 ft	200.0 ml/min
7/28/2025 2:26 PM	30:00	5.658 pH	20.69 °C	80.66 µS/cm	0.744 mg/L	4.110 NTU	218.6 mV	10.54 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-50	3 bottles

Low-Flow Test Report:

Test Date / Time: 7/25/2025 9:50:44 AM
Project: SCH-GWA-51
Operator Name: Juliet

Location Name: SCH-GWC-51 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 16.8 ft** **Total Depth: 26.8 ft** **Initial Depth to Water: 9.98 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 26.8 ft** **Estimated Total Volume Pumped: 4246.667 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 7.92 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/25/2025 9:50 AM	00:00	5.618 pH	26.97 °C	127.1 µS/cm	3.017 mg/L	17.20 NTU	155.8 mV	9.800 ft	200.0 ml/min
7/25/2025 9:55 AM	05:00	5.826 pH	22.67 °C	117.8 µS/cm	0.219 mg/L	16.40 NTU	310.3 mV	9.400 ft	200.0 ml/min
7/25/2025 10:00 AM	10:00	5.806 pH	22.49 °C	114.6 µS/cm	0.158 mg/L	9.450 NTU	537.7 mV	9.320 ft	200.0 ml/min
7/25/2025 10:05 AM	15:00	5.809 pH	22.49 °C	113.3 µS/cm	0.129 mg/L	8.380 NTU	556.8 mV	9.320 ft	200.0 ml/min
7/25/2025 10:10 AM	20:00	5.799 pH	22.41 °C	112.2 µS/cm	0.109 mg/L	6.160 NTU	565.3 mV	9.320 ft	200.0 ml/min
7/25/2025 10:11 AM	21:14	5.789 pH	22.37 °C	113.9 µS/cm	0.107 mg/L	5.900 NTU	457.0 mV	9.320 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-51	
SCH-FB-8	

Low-Flow Test Report:

Test Date / Time: 7/28/2025 11:58:42 AM
Project: SCH-GWA-52
Operator Name: Juliet

Location Name: SCH-GWC-52 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 22.8 ft** **Total Depth: 32.8 ft** **Initial Depth to Water: 9.72 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 32.8 ft** **Estimated Total Volume Pumped: 4203.333 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 9.60 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Weather Conditions:
Sunny, 90

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 11:58 AM	00:00	6.886 pH	21.87 °C	309.1 µS/cm	0.931 mg/L	4.070 NTU	290.1 mV	9.720 ft	200.0 ml/min
7/28/2025 12:03 PM	05:00	6.568 pH	19.77 °C	323.6 µS/cm	0.142 mg/L	3.700 NTU	431.9 mV	10.20 ft	200.0 ml/min
7/28/2025 12:09 PM	11:01	6.499 pH	19.68 °C	322.1 µS/cm	0.099 mg/L	2.210 NTU	437.3 mV	10.20 ft	200.0 ml/min
7/28/2025 12:14 PM	16:01	6.499 pH	19.77 °C	325.3 µS/cm	0.091 mg/L	1.050 NTU	446.2 mV	10.20 ft	200.0 ml/min
7/28/2025 12:19 PM	21:01	6.499 pH	19.86 °C	324.8 µS/cm	0.091 mg/L	0.860 NTU	437.9 mV	10.20 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-52	3 bottles

Low-Flow Test Report:

Test Date / Time: 7/28/2025 12:46:37 PM
Project: SCH-GWA-53
Operator Name: Juliet

Location Name: SCH-GWC-53 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 22.8 ft** **Total Depth: 32.8 ft** **Initial Depth to Water: 10.15 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 32.8 ft** **Estimated Total Volume Pumped: 7103.333 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 44.4 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Weather Conditions:
Sunny,93

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 12:46 PM	00:00	5.908 pH	24.18 °C	441.3 µS/cm	1.933 mg/L	12.01 NTU	223.6 mV	12.15 ft	200.0 ml/min
7/28/2025 12:51 PM	05:00	5.598 pH	19.86 °C	464.6 µS/cm	0.448 mg/L	8.800 NTU	152.5 mV	13.82 ft	200.0 ml/min
7/28/2025 12:56 PM	10:00	5.549 pH	19.78 °C	464.2 µS/cm	0.275 mg/L	5.290 NTU	124.3 mV	13.85 ft	200.0 ml/min
7/28/2025 1:01 PM	15:00	5.516 pH	19.59 °C	462.1 µS/cm	0.183 mg/L	1.860 NTU	108.6 mV	13.85 ft	200.0 ml/min
7/28/2025 1:06 PM	20:00	5.497 pH	19.59 °C	459.5 µS/cm	0.140 mg/L	1.410 NTU	98.2 mV	13.85 ft	200.0 ml/min
7/28/2025 1:11 PM	25:00	5.464 pH	19.61 °C	458.8 µS/cm	0.124 mg/L	1.070 NTU	91.6 mV	13.85 ft	200.0 ml/min
7/28/2025 1:16 PM	30:00	5.457 pH	19.75 °C	459.7 µS/cm	0.120 mg/L	0.850 NTU	104.3 mV	13.85 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-53	3 bottles

Low-Flow Test Report:

Test Date / Time: 7/23/2025 10:06:15 AM
Project: SCH-GWC-30
Operator Name: Z west

Location Name: GWC-30 **Latitude: 33.07686964802008** **Longitude: -83.79979088581561** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 10.3 ft** **Total Depth: 20.3 ft** **Initial Depth to Water: 6.28 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 15 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
78 cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 10:08 AM	00:00	6.361 pH	25.22 °C	249.2 µS/cm	5.490 mg/L	22.00 NTU	129.8 mV	6.280 ft	200.0 ml/min
7/23/2025 10:13 AM	05:00	6.259 pH	21.15 °C	239.7 µS/cm	2.600 mg/L	17.40 NTU	127.0 mV	6.410 ft	200.0 ml/min
7/23/2025 10:18 AM	10:00	6.271 pH	20.75 °C	240.8 µS/cm	2.564 mg/L	8.810 NTU	90.5 mV	6.430 ft	200.0 ml/min
7/23/2025 10:23 AM	15:00	6.273 pH	20.66 °C	241.7 µS/cm	2.575 mg/L	4.470 NTU	89.9 mV	6.430 ft	200.0 ml/min
7/23/2025 10:28 AM	20:00	6.276 pH	20.68 °C	240.4 µS/cm	2.591 mg/L	4.890 NTU	121.4 mV	6.430 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-SWC-30	
SCH-CELL3-FB-10	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/23/2025 11:34:25 AM
Project: SCH-GWC-31
Operator Name: Z west

Location Name: GWC-31 **Latitude: 33.07578877957203** **Longitude: -83.79946548747967** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.4 ft** **Total Depth: 22.4 ft** **Initial Depth to Water: 6.65 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 17.4 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.46 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
80 rain

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5	Record Only	+/- 0.3	100-500
7/23/2025 11:34 AM	00:00	6.798 pH	25.55 °C	210.8 µS/cm	5.614 mg/L	6.830 NTU	98.6 mV	6.650 ft	200.0 ml/min
7/23/2025 11:39 AM	05:00	6.661 pH	22.17 °C	198.8 µS/cm	1.325 mg/L	3.090 NTU	69.4 mV	7.100 ft	200.0 ml/min
7/23/2025 11:44 AM	10:00	6.664 pH	21.83 °C	199.6 µS/cm	1.247 mg/L	2.280 NTU	61.9 mV	7.110 ft	200.0 ml/min
7/23/2025 11:49 AM	15:00	6.665 pH	21.78 °C	201.4 µS/cm	1.213 mg/L	2.700 NTU	64.2 mV	7.110 ft	200.0 ml/min
7/23/2025 11:54 AM	20:00	6.669 pH	21.81 °C	203.6 µS/cm	1.226 mg/L	2.130 NTU	60.2 mV	7.110 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-31	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/23/2025 2:05:02 PM
Project: SCH-GWC-32
Operator Name: Z west

Location Name: GWC-32 **Latitude: 33.07517337549262** **Longitude: -83.79938534868697** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27 ft** **Total Depth: 37 ft** **Initial Depth to Water: 23.82 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 32 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.48 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
82 cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 2:05 PM	00:00	6.681 pH	37.45 °C	142.5 µS/cm	4.385 mg/L	6.550 NTU	63.5 mV	23.82 ft	200.0 ml/min
7/23/2025 2:10 PM	05:00	6.213 pH	24.10 °C	155.8 µS/cm	2.251 mg/L	5.570 NTU	68.3 mV	24.95 ft	200.0 ml/min
7/23/2025 2:15 PM	10:00	6.220 pH	23.18 °C	156.6 µS/cm	2.477 mg/L	2.810 NTU	70.3 mV	25.60 ft	200.0 ml/min
7/23/2025 2:20 PM	15:00	6.226 pH	22.98 °C	157.4 µS/cm	1.963 mg/L	1.280 NTU	93.2 mV	26.30 ft	200.0 ml/min
7/23/2025 2:25 PM	20:00	6.223 pH	23.17 °C	155.6 µS/cm	2.013 mg/L	1.670 NTU	69.9 mV	26.50 ft	200.0 ml/min
7/23/2025 2:30 PM	25:00	6.228 pH	23.03 °C	158.0 µS/cm	2.116 mg/L	0.740 NTU	69.1 mV	26.30 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-32	

Low-Flow Test Report:

Test Date / Time: 7/24/2025 1:32:24 PM
Project: SCH-GWC-33A
Operator Name: Juliet

Location Name: SCH-GWC-33A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 16.73 ft** **Total Depth: 26.73 ft** **Initial Depth to Water: 9.68 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 20.73 ft** **Estimated Total Volume Pumped: 3996 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/24/2025 1:34 PM	00:00	6.441 pH	36.06 °C	138.1 µS/cm	5.301 mg/L	6.990 NTU	102.0 mV	9.680 ft	120.0 ml/min
7/24/2025 1:39 PM	05:00	6.349 pH	25.83 °C	148.5 µS/cm	5.515 mg/L	1.750 NTU	77.9 mV	9.750 ft	120.0 ml/min
7/24/2025 1:44 PM	10:00	6.359 pH	25.10 °C	149.7 µS/cm	5.624 mg/L	3.700 NTU	72.4 mV	9.750 ft	120.0 ml/min
7/24/2025 1:49 PM	15:00	6.363 pH	24.83 °C	148.9 µS/cm	5.579 mg/L	3.800 NTU	69.9 mV	9.750 ft	120.0 ml/min
7/24/2025 1:54 PM	20:00	6.363 pH	25.01 °C	149.6 µS/cm	5.554 mg/L	3.320 NTU	71.5 mV	9.750 ft	120.0 ml/min
7/24/2025 1:59 PM	25:00	6.351 pH	25.98 °C	150.2 µS/cm	5.469 mg/L	4.200 NTU	75.0 mV	9.750 ft	120.0 ml/min
7/24/2025 2:02 PM	28:18	6.345 pH	26.81 °C	150.4 µS/cm	5.345 mg/L	4.940 NTU	87.8 mV	9.750 ft	120.0 ml/min
7/24/2025 2:07 PM	33:18	6.331 pH	27.69 °C	149.8 µS/cm	5.294 mg/L	3.740 NTU	77.0 mV	9.750 ft	120.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-33A	

Low-Flow Test Report:

Test Date / Time: 7/23/2025 2:51:29 PM
Project: Scherer SAGW02 2025 (2)
Operator Name: Mark Mann

Location Name: SCH-GWC-34 **Latitude: 33.07367133567406** **Longitude: -83.7976325720459** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.9 ft** **Total Depth: 22.9 ft** **Initial Depth to Water: 7.55 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 18 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.47 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 2:51 PM	00:00	6.244 pH	38.66 °C	138.1 µS/cm	4.575 mg/L	2.270 NTU	107.7 mV	7.550 ft	250.0 ml/min
7/23/2025 2:56 PM	05:00	6.025 pH	27.44 °C	143.8 µS/cm	2.972 mg/L	2.010 NTU	74.3 mV	7.980 ft	250.0 ml/min
7/23/2025 3:01 PM	10:00	6.054 pH	27.46 °C	143.8 µS/cm	2.958 mg/L	2.320 NTU	88.0 mV	8.010 ft	250.0 ml/min
7/23/2025 3:06 PM	15:00	6.067 pH	27.62 °C	141.4 µS/cm	2.984 mg/L	1.200 NTU	69.2 mV	8.010 ft	250.0 ml/min
7/23/2025 3:11 PM	20:00	6.079 pH	27.66 °C	140.4 µS/cm	3.001 mg/L	0.550 NTU	69.2 mV	8.020 ft	250.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-37	

Low-Flow Test Report:

Test Date / Time: 7/23/2025 1:57:54 PM
Project: Scherer SAGW02 2025
Operator Name: Mark Mann

Location Name: SCH-GWC-35 **Latitude: 33.07271233208717** **Longitude: -83.79684216002565** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 18 ft** **Top of Screen: 12.7 ft** **Total Depth: 22.7 ft** **Initial Depth to Water: 4.35 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 18 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 1:57 PM	00:00	6.386 pH	34.01 °C	289.1 µS/cm	4.646 mg/L	1.100 NTU	100.6 mV	4.350 ft	250.0 ml/min
7/23/2025 2:02 PM	05:00	6.381 pH	25.43 °C	316.4 µS/cm	0.105 mg/L	0.810 NTU	76.9 mV	4.500 ft	250.0 ml/min
7/23/2025 2:07 PM	10:00	6.399 pH	25.08 °C	316.7 µS/cm	0.069 mg/L	1.190 NTU	62.3 mV	4.490 ft	250.0 ml/min
7/23/2025 2:12 PM	15:00	6.401 pH	24.83 °C	313.5 µS/cm	0.051 mg/L	1.230 NTU	48.1 mV	4.490 ft	250.0 ml/min
7/23/2025 2:17 PM	20:00	6.407 pH	24.44 °C	311.7 µS/cm	0.040 mg/L	1.040 NTU	45.0 mV	4.500 ft	250.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-35	

Low-Flow Test Report:

Test Date / Time: 7/23/2025 10:02:08 AM
Project: Scherer SAGW02 2025
Operator Name: Juliet Talaber

Location Name: SCH-GWC-36 **Latitude: 33.06872142481903** **Longitude: -83.80259840757009** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 37.9 ft** **Total Depth: 47.9 ft** **Initial Depth to Water: 31.31 ft**	**Pump Type: Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 42 ft** **Estimated Total Volume Pumped: 13515 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 180 ml/min** **Final Draw Down: 0.18 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 10:03 AM	00:00	5.938 pH	22.58 °C	152.7 µS/cm	5.503 mg/L	28.20 NTU	140.7 mV	31.31 ft	180.0 ml/min
7/23/2025 10:08 AM	05:00	5.872 pH	20.22 °C	154.3 µS/cm	5.184 mg/L	23.80 NTU	132.7 mV	31.48 ft	180.0 ml/min
7/23/2025 10:13 AM	10:00	5.879 pH	21.05 °C	152.9 µS/cm	5.346 mg/L	175.0 NTU	94.6 mV	31.50 ft	180.0 ml/min
7/23/2025 10:18 AM	15:00	5.868 pH	21.00 °C	155.8 µS/cm	5.895 mg/L	15.30 NTU	94.7 mV	31.51 ft	180.0 ml/min
7/23/2025 10:23 AM	20:05	5.838 pH	21.02 °C	153.9 µS/cm	6.027 mg/L	13.80 NTU	110.8 mV	31.51 ft	180.0 ml/min
7/23/2025 10:28 AM	25:05	5.885 pH	21.06 °C	151.2 µS/cm	6.251 mg/L	9.110 NTU	122.3 mV	31.45 ft	180.0 ml/min
7/23/2025 10:33 AM	30:05	5.891 pH	21.11 °C	151.5 µS/cm	6.114 mg/L	9.080 NTU	89.3 mV	31.46 ft	180.0 ml/min
7/23/2025 10:38 AM	35:05	5.889 pH	21.07 °C	150.5 µS/cm	6.109 mg/L	9.620 NTU	86.4 mV	31.49 ft	180.0 ml/min
7/23/2025 10:43 AM	40:05	5.906 pH	20.97 °C	152.8 µS/cm	6.115 mg/L	6.260 NTU	85.1 mV	31.49 ft	180.0 ml/min
7/23/2025 10:48 AM	45:05	5.895 pH	21.12 °C	151.0 µS/cm	6.107 mg/L	5.330 NTU	112.7 mV	31.48 ft	180.0 ml/min
7/23/2025 10:53 AM	50:05	5.901 pH	21.16 °C	152.0 µS/cm	5.879 mg/L	4.070 NTU	82.1 mV	31.48 ft	180.0 ml/min
7/23/2025 10:58 AM	55:05	5.893 pH	21.26 °C	148.6 µS/cm	6.014 mg/L	4.500 NTU	109.7 mV	31.48 ft	180.0 ml/min
7/23/2025 11:03 AM	01:00:05	5.893 pH	21.23 °C	152.7 µS/cm	6.084 mg/L	3.660 NTU	83.0 mV	31.48 ft	180.0 ml/min
7/23/2025 11:08 AM	01:05:05	5.896 pH	21.46 °C	148.4 µS/cm	5.787 mg/L	3.230 NTU	80.3 mV	31.48 ft	180.0 ml/min
7/23/2025 11:13 AM	01:10:05	5.881 pH	21.57 °C	146.6 µS/cm	5.591 mg/L	2.880 NTU	79.5 mV	31.48 ft	180.0 ml/min

7/23/2025 11:18 AM	01:15:05	5.914 pH	21.64 °C	147.9 µS/cm	5.445 mg/L	2.130 NTU	77.0 mV	31.49 ft	180.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-36	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/23/2025 12:35:23 PM
Project: Scherer SAGW02 2025 (2)
Operator Name: Juliet Talaber

Location Name: SCH-GWC-37 **Latitude: 33.0710028950433** **Longitude: -83.7976832595503** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 35.8 ft** **Total Depth: 45.8 ft** **Initial Depth to Water: 24.34 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 41 ft** **Estimated Total Volume Pumped: 6000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.47 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080293**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 12:35 PM	00:00	6.442 pH	27.62 °C	160.5 µS/cm	6.140 mg/L	5.440 NTU	97.4 mV	24.34 ft	200.0 ml/min
7/23/2025 12:40 PM	05:00	6.224 pH	21.10 °C	163.3 µS/cm	4.778 mg/L	3.840 NTU	97.7 mV	24.79 ft	200.0 ml/min
7/23/2025 12:45 PM	10:00	6.192 pH	20.43 °C	159.1 µS/cm	5.103 mg/L	2.560 NTU	73.7 mV	24.79 ft	200.0 ml/min
7/23/2025 12:50 PM	15:00	6.184 pH	20.40 °C	156.1 µS/cm	5.506 mg/L	2.040 NTU	73.6 mV	24.81 ft	200.0 ml/min
7/23/2025 12:55 PM	20:00	6.219 pH	21.00 °C	157.2 µS/cm	5.095 mg/L	1.070 NTU	71.4 mV	24.81 ft	200.0 ml/min
7/23/2025 1:00 PM	25:00	6.225 pH	21.38 °C	155.6 µS/cm	4.949 mg/L	1.000 NTU	71.5 mV	24.81 ft	200.0 ml/min
7/23/2025 1:05 PM	30:00	6.206 pH	21.08 °C	150.7 µS/cm	5.140 mg/L	0.580 NTU	72.2 mV	24.81 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-37	

Low-Flow Test Report:

Test Date / Time: 7/24/2025 12:11:10 PM
Project: SCH-GWC-38
Operator Name: Juliet

Location Name: SCH-GWC-38 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.96 ft** **Total Depth: 43.96 ft** **Initial Depth to Water: 12.49 ft**	**Pump Type: Peristaltic** **Tubing Type:Polyethylene** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 3500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.16 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
Rainy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/24/2025 12:14 PM	00:00	6.485 pH	27.99 °C	176.2 µS/cm	5.000 mg/L	3.750 NTU	91.7 mV	12.49 ft	100.0 ml/min
7/24/2025 12:19 PM	05:00	6.635 pH	26.67 °C	167.1 µS/cm	1.816 mg/L	2.400 NTU	60.8 mV	12.49 ft	200.0 ml/min
7/24/2025 12:24 PM	10:00	6.650 pH	25.91 °C	167.0 µS/cm	1.694 mg/L	2.160 NTU	57.9 mV	14.65 ft	200.0 ml/min
7/24/2025 12:29 PM	15:00	6.650 pH	26.10 °C	167.6 µS/cm	1.661 mg/L	1.690 NTU	56.9 mV	14.65 ft	200.0 ml/min
7/24/2025 12:34 PM	20:00	6.643 pH	26.81 °C	167.9 µS/cm	1.629 mg/L	1.680 NTU	57.2 mV	14.65 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-38	

Low-Flow Test Report:

Test Date / Time: 7/23/2025 11:25:41 AM
Project: SCS Plant Scherer
Operator Name: Daniel Howard

Location Name: SCH-GWA-39 **Latitude: 33.07021989955852** **Longitude: -83.80067962229606** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 52.97 ft** **Total Depth: 62.97 ft** **Initial Depth to Water: 27.65 ft**	**Pump Type: QED Bladder pump** **Tubing Type: LDPE** **Pump Intake From TOC: 58 ft** **Estimated Total Volume Pumped: 7500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.55 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1215.

Weather Conditions:
Overcast and raining

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 11:25 AM	00:00	7.657 pH	25.57 °C	0.000 µS/cm	8.140 mg/L	19.60 NTU	233.7 mV	28.90 ft	150.0 ml/min
7/23/2025 11:30 AM	05:00	6.653 pH	20.98 °C	216.7 µS/cm	3.004 mg/L	18.60 NTU	174.9 mV	29.01 ft	150.0 ml/min
7/23/2025 11:35 AM	10:00	6.649 pH	20.70 °C	217.8 µS/cm	2.944 mg/L	15.40 NTU	175.3 mV	29.10 ft	150.0 ml/min
7/23/2025 11:40 AM	15:00	6.646 pH	20.60 °C	217.8 µS/cm	2.888 mg/L	14.60 NTU	179.3 mV	29.15 ft	150.0 ml/min
7/23/2025 11:45 AM	20:00	6.647 pH	20.53 °C	217.6 µS/cm	2.857 mg/L	11.90 NTU	182.5 mV	29.17 ft	150.0 ml/min
7/23/2025 11:50 AM	25:00	6.640 pH	20.59 °C	217.9 µS/cm	2.823 mg/L	8.710 NTU	186.7 mV	29.20 ft	150.0 ml/min
7/23/2025 11:55 AM	30:00	6.643 pH	20.55 °C	217.4 µS/cm	2.763 mg/L	7.830 NTU	189.2 mV	29.20 ft	150.0 ml/min
7/23/2025 12:00 PM	35:00	6.647 pH	20.58 °C	217.7 µS/cm	2.732 mg/L	5.910 NTU	190.1 mV	29.20 ft	150.0 ml/min
7/23/2025 12:05 PM	40:00	6.648 pH	20.72 °C	217.6 µS/cm	2.710 mg/L	4.580 NTU	190.1 mV	29.20 ft	150.0 ml/min
7/23/2025 12:10 PM	45:00	6.648 pH	20.67 °C	217.7 µS/cm	2.665 mg/L	3.870 NTU	190.5 mV	29.20 ft	150.0 ml/min
7/23/2025 12:15 PM	50:00	6.647 pH	20.76 °C	217.4 µS/cm	2.642 mg/L	2.840 NTU	190.5 mV	29.20 ft	150.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-39	

Low-Flow Test Report:

Test Date / Time: 7/24/2025 10:06:33 AM
Project: SCH-GWA-40
Operator Name: Juliet

Location Name: SCH-GWA-40 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 38.6 ft** **Total Depth: 48.6 ft** **Initial Depth to Water: 35.58 ft**	**Pump Type: Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 2750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 1.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080300**

Test Notes:

Weather Conditions:
Cloudy 81

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/24/2025 10:06 AM	00:00	5.499 pH	26.52 °C	63.17 µS/cm	3.966 mg/L	7.360 NTU	153.4 mV	35.00 ft	125.0 ml/min
7/24/2025 10:11 AM	05:00	5.489 pH	21.47 °C	63.72 µS/cm	2.810 mg/L	4.760 NTU	105.9 mV	36.60 ft	125.0 ml/min
7/24/2025 10:16 AM	10:00	5.507 pH	20.67 °C	63.83 µS/cm	2.422 mg/L	3.970 NTU	108.6 mV	37.00 ft	100.0 ml/min
7/24/2025 10:21 AM	15:00	5.522 pH	21.07 °C	65.00 µS/cm	2.324 mg/L	3.740 NTU	70.4 mV	37.01 ft	100.0 ml/min
7/24/2025 10:26 AM	20:00	5.534 pH	21.56 °C	65.66 µS/cm	2.201 mg/L	3.140 NTU	55.4 mV	37.01 ft	100.0 ml/min
7/24/2025 10:31 AM	25:00	5.540 pH	21.86 °C	66.02 µS/cm	2.123 mg/L	2.040 NTU	49.3 mV	36.05 ft	100.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-40	

Low-Flow Test Report:

Test Date / Time: 7/23/2025 2:29:12 PM
Project: PlantScherer
Operator Name: EEA

Location Name: SCH-GWA-41 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.6 ft** **Total Depth: 41.6 ft** **Initial Depth to Water: 13.33 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.12 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 2:29 PM	00:00	6.249 pH	27.65 °C	152.3 µS/cm	2.423 mg/L	4.970 NTU	171.2 mV	13.45 ft	200.0 ml/min
7/23/2025 2:34 PM	05:00	6.190 pH	21.85 °C	165.5 µS/cm	1.486 mg/L	2.140 NTU	144.4 mV	13.45 ft	200.0 ml/min
7/23/2025 2:39 PM	10:00	6.199 pH	21.56 °C	164.1 µS/cm	1.302 mg/L	2.050 NTU	133.7 mV	13.45 ft	200.0 ml/min
7/23/2025 2:44 PM	15:00	6.197 pH	21.27 °C	164.4 µS/cm	1.277 mg/L	1.430 NTU	129.1 mV	13.45 ft	200.0 ml/min
7/23/2025 2:49 PM	20:00	6.213 pH	21.00 °C	165.0 µS/cm	1.272 mg/L	1.290 NTU	144.9 mV	13.45 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-41	Extra rads

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/23/2025 1:16:48 PM
Project: SCH-GWA-42
Operator Name: EEA

Location Name: SCH-GWA-42 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.4 ft** **Total Depth: 22.4 ft** **Initial Depth to Water: 5.75 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 17.4 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.25 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 1:17 PM	00:00	6.407 pH	24.59 °C	237.0 µS/cm	0.794 mg/L	1.520 NTU	109.5 mV	5.950 ft	200.0 ml/min
7/23/2025 1:22 PM	05:00	6.403 pH	22.44 °C	244.4 µS/cm	0.253 mg/L	3.440 NTU	85.2 mV	6.000 ft	200.0 ml/min
7/23/2025 1:27 PM	10:00	6.406 pH	22.09 °C	243.8 µS/cm	0.210 mg/L	2.820 NTU	81.3 mV	6.000 ft	200.0 ml/min
7/23/2025 1:32 PM	15:00	6.411 pH	22.16 °C	244.9 µS/cm	0.187 mg/L	3.490 NTU	100.1 mV	6.000 ft	200.0 ml/min
7/23/2025 1:37 PM	20:00	6.404 pH	22.41 °C	244.4 µS/cm	0.170 mg/L	2.900 NTU	97.1 mV	6.000 ft	200.0 ml/min
7/23/2025 1:42 PM	25:00	6.396 pH	22.61 °C	242.7 µS/cm	0.158 mg/L	2.390 NTU	74.5 mV	6.000 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-42	

Low-Flow Test Report:

Test Date / Time: 7/23/2025 10:04:27 AM
Project: SCH-GWA-43
Operator Name: EEA

Location Name: SCH-GWA-43 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.4 ft** **Total Depth: 22.4 ft** **Initial Depth to Water: 5.13 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 17.4 ft** **Estimated Total Volume Pumped: 12300 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.31 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Cloudy, chance of rain

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 10:06 AM	00:00	6.538 pH	24.21 °C	305.9 µS/cm	2.102 mg/L	5.390 NTU	13.1 mV	5.670 ft	200.0 ml/min
7/23/2025 10:08 AM	01:45	6.411 pH	22.86 °C	298.5 µS/cm	0.585 mg/L	11.00 NTU	3.5 mV	6.100 ft	200.0 ml/min
7/23/2025 10:13 AM	06:45	6.387 pH	21.74 °C	298.1 µS/cm	0.297 mg/L	12.10 NTU	0.0 mV	6.150 ft	170.0 ml/min
7/23/2025 10:18 AM	11:45	6.379 pH	22.16 °C	291.7 µS/cm	0.252 mg/L	10.50 NTU	-0.9 mV	6.180 ft	170.0 ml/min
7/23/2025 10:23 AM	16:45	6.388 pH	22.21 °C	286.4 µS/cm	0.216 mg/L	16.60 NTU	-1.6 mV	6.240 ft	170.0 ml/min
7/23/2025 10:28 AM	21:45	6.397 pH	22.11 °C	285.4 µS/cm	0.195 mg/L	16.40 NTU	-1.7 mV	6.250 ft	170.0 ml/min
7/23/2025 10:33 AM	26:45	6.399 pH	21.98 °C	282.3 µS/cm	0.180 mg/L	14.70 NTU	-1.0 mV	6.290 ft	170.0 ml/min
7/23/2025 10:38 AM	31:45	6.403 pH	21.76 °C	280.9 µS/cm	0.154 mg/L	11.60 NTU	-0.5 mV	6.350 ft	170.0 ml/min
7/23/2025 10:43 AM	36:45	6.408 pH	21.63 °C	280.1 µS/cm	0.144 mg/L	10.80 NTU	0.2 mV	6.380 ft	170.0 ml/min
7/23/2025 10:48 AM	41:45	6.408 pH	21.63 °C	278.5 µS/cm	0.136 mg/L	8.930 NTU	0.2 mV	6.400 ft	200.0 ml/min
7/23/2025 10:53 AM	46:45	6.402 pH	21.61 °C	277.8 µS/cm	0.132 mg/L	7.560 NTU	-6.2 mV	6.420 ft	200.0 ml/min
7/23/2025 10:58 AM	51:45	6.396 pH	21.59 °C	276.5 µS/cm	0.127 mg/L	6.020 NTU	0.2 mV	6.430 ft	200.0 ml/min
7/23/2025 11:03 AM	56:45	6.403 pH	21.67 °C	276.5 µS/cm	0.130 mg/L	5.930 NTU	0.5 mV	6.440 ft	200.0 ml/min

7/23/2025 11:08 AM	01:01:45	6.405 pH	21.67 °C	276.3 µS/cm	0.134 mg/L	6.190 NTU	-0.0 mV	6.440 ft	200.0 ml/min
7/23/2025 11:13 AM	01:06:45	6.403 pH	21.65 °C	274.1 µS/cm	0.129 mg/L	4.480 NTU	1.2 mV	6.440 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-43	Extra rads

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/28/2025 5:14:03 PM
Project: SCH-GWA-44A
Operator Name: EEA

Location Name: SCH-GWA-44A **Latitude: 33.066093119142586** **Longitude: -83.80718172981648** **Well Diameter: 2 in** **Casing Type: Pvc** **Screen Length: 10 ft** **Top of Screen: 12.5 ft** **Total Depth: 22.5 ft** **Initial Depth to Water: 4.75 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 17.5 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.3 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080306**

Test Notes:

Weather Conditions:
Sunny 90

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/28/2025 5:14 PM	00:00	6.613 pH	27.28 °C	193.6 µS/cm	2.812 mg/L	7.870 NTU	58.8 mV	4.900 ft	200.0 ml/min
7/28/2025 5:19 PM	05:00	6.508 pH	24.22 °C	198.4 µS/cm	0.440 mg/L	3.750 NTU	67.6 mV	5.050 ft	200.0 ml/min
7/28/2025 5:24 PM	10:00	6.506 pH	23.65 °C	199.4 µS/cm	0.250 mg/L	2.200 NTU	76.2 mV	5.050 ft	200.0 ml/min
7/28/2025 5:29 PM	15:00	6.501 pH	23.44 °C	198.3 µS/cm	0.216 mg/L	1.580 NTU	61.7 mV	5.050 ft	200.0 ml/min
7/28/2025 5:34 PM	20:00	6.499 pH	23.37 °C	197.8 µS/cm	0.201 mg/L	1.410 NTU	60.0 mV	5.050 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-44A	Sampled at 1734

Low-Flow Test Report:

Test Date / Time: 7/23/2025 3:36:02 PM
Project: SCS Plant Scherer (3)
Operator Name: Daniel Howard

Location Name: SCH-GWA-54 **Latitude: 33.07030074301461** **Longitude: -83.80067987375315** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40.7 ft** **Total Depth: 50.7 ft** **Initial Depth to Water: 28.7 ft**	**Pump Type: QED Bladder pump** **Tubing Type: LDPE** **Pump Intake From TOC: 45.7 ft** **Estimated Total Volume Pumped: 10500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1646. Also collected duplicate sample SCH-CELL3-FD-10

Weather Conditions:
Partly cloudy

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	Record Only	+/- 5 %	+/- 10 %	≤ 5 NTU	Record Only	+/- 0.3	100-500
7/23/2025 3:36 PM	00:00	6.075 pH	20.22 °C	149.5 µS/cm	0.248 mg/L	26.20 NTU	67.4 mV	28.70 ft	150.0 ml/min
7/23/2025 3:41 PM	05:00	6.080 pH	20.15 °C	151.4 µS/cm	0.201 mg/L	11.60 NTU	75.6 mV	29.93 ft	150.0 ml/min
7/23/2025 3:46 PM	10:00	6.083 pH	20.26 °C	151.2 µS/cm	0.270 mg/L	9.400 NTU	75.5 mV	29.90 ft	150.0 ml/min
7/23/2025 3:51 PM	15:00	6.080 pH	20.26 °C	150.6 µS/cm	0.298 mg/L	10.10 NTU	75.1 mV	29.90 ft	150.0 ml/min
7/23/2025 3:56 PM	20:00	6.073 pH	20.07 °C	149.5 µS/cm	0.343 mg/L	9.290 NTU	75.8 mV	29.90 ft	150.0 ml/min
7/23/2025 4:01 PM	25:00	6.072 pH	19.93 °C	149.9 µS/cm	0.377 mg/L	8.670 NTU	75.0 mV	29.90 ft	150.0 ml/min
7/23/2025 4:06 PM	30:00	6.073 pH	20.17 °C	149.7 µS/cm	0.383 mg/L	7.940 NTU	82.6 mV	29.90 ft	150.0 ml/min
7/23/2025 4:11 PM	35:00	6.071 pH	20.09 °C	149.6 µS/cm	0.412 mg/L	7.890 NTU	73.4 mV	29.90 ft	150.0 ml/min
7/23/2025 4:16 PM	40:00	6.066 pH	19.95 °C	148.8 µS/cm	0.428 mg/L	6.350 NTU	82.5 mV	29.90 ft	150.0 ml/min
7/23/2025 4:21 PM	45:00	6.067 pH	19.89 °C	149.0 µS/cm	0.429 mg/L	5.710 NTU	81.3 mV	29.90 ft	150.0 ml/min
7/23/2025 4:26 PM	50:00	6.065 pH	19.91 °C	148.0 µS/cm	0.447 mg/L	5.750 NTU	82.3 mV	29.90 ft	150.0 ml/min
7/23/2025 4:31 PM	55:00	6.062 pH	19.84 °C	148.6 µS/cm	0.432 mg/L	5.880 NTU	81.6 mV	29.90 ft	150.0 ml/min
7/23/2025 4:36 PM	01:00:00	6.066 pH	19.84 °C	147.6 µS/cm	0.506 mg/L	4.940 NTU	81.4 mV	29.90 ft	150.0 ml/min

7/23/2025 4:41 PM	01:05:00	6.062 pH	19.78 °C	147.9 µS/cm	0.501 mg/L	5.010 NTU	81.4 mV	29.90 ft	150.0 ml/min
7/23/2025 4:46 PM	01:10:00	6.065 pH	19.83 °C	147.4 µS/cm	0.512 mg/L	4.970 NTU	81.3 mV	29.90 ft	150.0 ml/min

Samples

Sample ID:	Description:
SCH-GWA-54	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/29/2025 11:00:52 AM
Project: Scherer SAGW02 2025
Operator Name: Jake Stucky

Location Name: SCH-SWA-1 **Latitude: 33.07211257520418** **Longitude: -83.79688085995967** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 500 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:
Surface Water
Stream, Dam outflow from retention pond.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
7/29/2025 10:00 AM	00:00	8.29 pH	31.10 °C	528.55 µS/cm	7.31 mg/L	NTU	145.7 mV	0.00 ft	200.00 ml/min
7/29/2025 10:01 AM	01:00	8.78 pH	31.50 °C	524.31 µS/cm	7.18 mg/L	NTU	181.1 mV	0.00 ft	200.00 ml/min
7/29/2025 10:02 AM	02:00	8.40 pH	31.83 °C	522.73 µS/cm	7.16 mg/L	NTU	182.8 mV	0.00 ft	200.00 ml/min
7/29/2025 10:03 AM	03:00	8.45 pH	32.05 °C	519.44 µS/cm	7.10 mg/L	NTU	176.5 mV	0.00 ft	200.00 ml/min
7/29/2025 10:04 AM	04:00	8.47 pH	32.16 °C	518.37 µS/cm	7.11 mg/L	8.28 NTU	176.1 mV	0.00 ft	200.00 ml/min

Samples

Sample ID:	Description:
SCH-SWA-1	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/29/2025 2:45:24 PM
Project: Scherer SAGW02 2025
Operator Name: Jake Stucky

Location Name: SCH-SWA-2 **Latitude: 33.07554443502893** **Longitude: -83.80169760340245** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 500 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 116798**

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
7/29/2025 2:45 PM	00:00	7.25 pH	32.88 °C	521.94 µS/cm	5.87 mg/L	NTU	43.5 mV	0.00 ft	100.00 ml/min
7/29/2025 2:46 PM	01:00	7.15 pH	30.38 °C	536.01 µS/cm	6.02 mg/L	NTU	45.07 mV	0.00 ft	100.00 ml/min
7/29/2025 2:47 PM	02:00	7.11 pH	28.78 °C	545.16 µS/cm	6.17 mg/L	NTU	43.2 mV	0.00 ft	100.00 ml/min
7/29/2025 2:48 PM	03:00	7.12 pH	28.09 °C	550.27 µS/cm	6.30 mg/L	NTU	43.2 mV	0.00 ft	100.00 ml/min
7/29/2025 2:49 PM	04:00	7.11 pH	27.66 °C	553.53 µS/cm	6.36 mg/L	11.2 NTU	44.48 mV	0.00 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-SWA-2	

Low-Flow Test Report:

Test Date / Time: 7/29/2025 11:26:35 AM
Project: Scherer SAGW02 2025
Operator Name: Jake Stucky

Location Name: SCH-SWA-3 **Latitude: 33.07759073566** **Longitude: -83.80169685006496** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 500 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
7/29/2025 11:27 AM	00:00	7.46 pH	26.71 °C	246.19 µS/cm	7.07 mg/L	NTU	88.9 mV	0.00 ft	100.00 ml/min
7/29/2025 11:28 AM	01:00	7.38 pH	25.63 °C	251.02 µS/cm	7.32 mg/L	NTU	126.6 mV	0.00 ft	100.00 ml/min
7/29/2025 11:29 AM	02:00	7.34 pH	24.86 °C	254.14 µS/cm	7.43 mg/L	NTU	134.8 mV	0.00 ft	100.00 ml/min
7/29/2025 11:30 AM	03:00	7.32 pH	24.55 °C	255.61 µS/cm	7.50 mg/L	NTU	135.6 mV	0.00 ft	100.00 ml/min
7/29/2025 11:31 PM	04:00	7.30 pH	24.34 °C	256.17 µS/cm	7.54 mg/L	9.17 NTU	120.99 mV	0.00 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-SWA-3	

Low-Flow Test Report:

Test Date / Time: 7/29/2025 10:35:10 AM
Project: Scherer SAGW02 2025
Operator Name: Jake Stucky

Location Name: SCH-SWC-4 **Latitude: 33.07311915795613** **Longitude: -83.79635900266821** **Initial Depth to Water: 0 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 500 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
7/29/2025 10:35 AM	00:00	8.15 pH	31.27°C	497.29 µS/cm	6.83 mg/L	NTU	78.97 mV	0 ft	100 ml/min
7/29/2025 10:36 AM	01:00	8.11 pH	31.09°C	495.78 µS/cm	6.65 mg/L	NTU	125.99 mV	0 ft	100 ml/min
7/29/2025 10:37 AM	02:00	8.12 pH	31.11°C	495.54 µS/cm	6.56 mg/L	NTU	140.09 mV	0 ft	100 ml/min
7/29/2025 10:38 AM	03:00	8.12 pH	31.10°C	494.99 µS/cm	6.55 mg/L	NTU	150.99 mV	0 ft	100 ml/min
7/29/2025 10:39 AM	04:00	8.12 pH	31.08°C	487.72 µS/cm	6.62 mg/L	9.22 NTU	160.04	0 ft	100 ml/min

Samples

Sample ID:	Description:
SCH-SWC-4	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 7/29/2025 1:27:19 PM
Project: Scherer SAGW02 2025
Operator Name: Jake Stucky

Location Name: SCH-SWC-7 **Latitude: 33.08041191662949** **Longitude: -83.79109667621906**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Estimated Total Volume Pumped: 500 ml** **Final Flow Rate: 100 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes:
Surface Water

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
7/29/2025 1:28 PM	00:00	7.85 pH	32.60 °C	469.08 µS/cm	6.40 mg/L	NTU	100.1 mV	0.00 ft	100.00 ml/min
7/29/2025 1:29 PM	01:00	7.87 pH	31.29 °C	466.29 µS/cm	6.50 mg/L	NTU	182.2 mV	0.00 ft	100.00 ml/min
7/29/2025 1:30 PM	02:00	7.90 pH	30.62 °C	470.40 µS/cm	6.54 mg/L	NTU	223.4 mV	0.00 ft	100.00 ml/min
7/29/2025 1:31 PM	03:00	7.88 pH	30.19 °C	472.47 µS/cm	6.60 mg/L	NTU	226.3 mV	0.00 ft	100.00 ml/min
7/29/2025 1:32 PM	04:00	7.89 pH	29.97 °C	475.14 µS/cm	6.66 mg/L	8.31 NTU	295.8 mV	0.00 ft	100.00 ml/min

Samples

Sample ID:	Description:
SCH-SWC-7	

APPENDIX A

Field Data Forms
October 2025

Low-Flow Test Report:

Test Date / Time: 10/21/2025 12:40:30 PM
Project: Scherer SAGW02 2025
Operator Name: Mark Mann

Location Name: SCH-GWC-1 **Latitude: 33.078818543731** **Longitude: -83.79153344471574** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.72 ft** **Total Depth: 38.72 ft** **Initial Depth to Water: 10.49 ft**	**Pump Type: Peristaltic** **Tubing Type: LDPE** **Pump Intake From TOC: 33 ft** **Estimated Total Volume Pumped: 4500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 225 ml/min** **Final Draw Down: 0.29 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177581**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/21/2025 12:40 PM	00:00	6.814 pH	27.53 °C	219.3 µS/cm	6.467 mg/L	4.390 NTU	141.9 mV	10.49 ft	225.0 ml/min
10/21/2025 12:45 PM	05:00	6.605 pH	19.96 °C	189.8 µS/cm	4.716 mg/L	2.490 NTU	421.7 mV	10.75 ft	225.0 ml/min
10/21/2025 12:50 PM	10:00	6.609 pH	19.42 °C	189.2 µS/cm	4.918 mg/L	1.790 NTU	473.0 mV	10.79 ft	225.0 ml/min
10/21/2025 12:55 PM	15:00	6.610 pH	19.23 °C	188.7 µS/cm	5.005 mg/L	1.010 NTU	490.1 mV	10.80 ft	225.0 ml/min
10/21/2025 1:00 PM	20:00	6.609 pH	19.18 °C	188.5 µS/cm	5.064 mg/L	0.950 NTU	498.6 mV	10.78 ft	225.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-1	

Low-Flow Test Report:

Test Date / Time: 10/21/2025 10:25:18 AM
Project: Scherer SAGW02 2025
Operator Name: Mark Mann

Location Name: SCH-GWC-4 **Latitude: 33.07655200852277** **Longitude: -83.79297388953702** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.41 ft** **Total Depth: 43.41 ft** **Initial Depth to Water: 33.19 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 35.01 ft** **Estimated Total Volume Pumped: 3500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.25 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177581**

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/21/2025 10:25 AM	00:00	7.367 pH	18.12 °C	710.1 µS/cm	8.000 mg/L	0.540 NTU	150.1 mV	33.19 ft	200.0 ml/min
10/21/2025 10:30 AM	05:00	6.135 pH	17.71 °C	693.0 µS/cm	3.138 mg/L	0.650 NTU	191.0 mV	33.48 ft	200.0 ml/min
10/21/2025 10:35 AM	10:00	6.089 pH	17.35 °C	699.6 µS/cm	2.199 mg/L	0.830 NTU	240.2 mV	33.43 ft	125.0 ml/min
10/21/2025 10:40 AM	15:00	6.080 pH	17.43 °C	714.5 µS/cm	2.117 mg/L	0.580 NTU	248.0 mV	33.50 ft	175.0 ml/min
10/21/2025 10:45 AM	20:00	6.081 pH	17.45 °C	700.8 µS/cm	2.047 mg/L	0.450 NTU	258.0 mV	33.44 ft	150.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-4	

Low-Flow Test Report:

Test Date / Time: 10/20/2025 4:15:03 PM
Project: Scherer SAGW02 2025
Operator Name: Mark Mann

Location Name: SCH-GWC-7 **Latitude: 33.07379936724579** **Longitude: -83.79422810776347** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 48.72 ft** **Total Depth: 58.72 ft** **Initial Depth to Water: 42.74 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 50.46 ft** **Estimated Total Volume Pumped: 3500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 0.44 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177581**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/20/2025 4:15 PM	00:00	7.304 pH	29.67 °C	202.9 µS/cm	6.375 mg/L	0.950 NTU	123.5 mV	42.74 ft	175.0 ml/min
10/20/2025 4:20 PM	05:00	6.375 pH	21.50 °C	233.0 µS/cm	6.056 mg/L	2.860 NTU	388.0 mV	43.15 ft	175.0 ml/min
10/20/2025 4:25 PM	10:00	6.352 pH	21.29 °C	234.3 µS/cm	5.829 mg/L	2.280 NTU	459.0 mV	43.16 ft	175.0 ml/min
10/20/2025 4:30 PM	15:00	6.322 pH	21.15 °C	235.5 µS/cm	5.613 mg/L	2.430 NTU	493.1 mV	43.12 ft	175.0 ml/min
10/20/2025 4:35 PM	20:00	6.313 pH	21.16 °C	234.4 µS/cm	5.534 mg/L	1.620 NTU	513.2 mV	43.18 ft	175.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-17	

Low-Flow Test Report:

Test Date / Time: 10/21/2025 12:12:45 PM
Project: SCH-GWC-18
Operator Name: Juliet Talaber

Location Name: SCH-GWC-18 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 61.25 ft** **Total Depth: 71.25 ft** **Initial Depth to Water: 34.9 ft**	**Pump Type: Dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 61.25 ft** **Estimated Total Volume Pumped: 4000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.9 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082817**

Test Notes:

Weather Conditions:
Sunny, 69

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/21/2025 12:12 PM	00:00	6.289 pH	21.00 °C	132.8 µS/cm	7.005 mg/L	3.160 NTU	134.2 mV	34.90 ft	200.0 ml/min
10/21/2025 12:17 PM	05:00	6.227 pH	20.11 °C	133.4 µS/cm	7.080 mg/L	3.160 NTU	154.1 mV	34.90 ft	200.0 ml/min
10/21/2025 12:22 PM	10:00	6.223 pH	20.12 °C	133.4 µS/cm	7.048 mg/L	3.160 NTU	115.2 mV	35.80 ft	200.0 ml/min
10/21/2025 12:27 PM	15:00	6.219 pH	20.12 °C	132.9 µS/cm	6.971 mg/L	2.800 NTU	118.0 mV	35.80 ft	200.0 ml/min
10/21/2025 12:32 PM	20:00	6.219 pH	20.11 °C	133.0 µS/cm	6.915 mg/L	2.760 NTU	118.2 mV	35.80 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-18	1 unpreserved bottle

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 10/20/2025 3:00:08 PM
Project: Scherer SAGW02 2025
Operator Name: Mark Mann

Location Name: SCH-GWC-19 **Latitude: 33.07764603307366** **Longitude: -83.79410872196407** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 52.75 ft** **Total Depth: 62.75 ft** **Initial Depth to Water: 38.8 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: LDPE** **Pump Intake From TOC: 54.41 ft** **Estimated Total Volume Pumped: 5295.833 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 1.34 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177581**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/20/2025 3:00 PM	00:00	6.320 pH	35.13 °C	229.1 µS/cm	5.462 mg/L	0.650 NTU	92.3 mV	38.80 ft	250.0 ml/min
10/20/2025 3:05 PM	05:00	6.190 pH	21.92 °C	187.6 µS/cm	4.687 mg/L	4.860 NTU	450.5 mV	39.81 ft	250.0 ml/min
10/20/2025 3:06 PM	06:11	6.203 pH	23.42 °C	182.2 µS/cm	4.441 mg/L	4.110 NTU	302.9 mV	39.89 ft	250.0 ml/min
10/20/2025 3:11 PM	11:11	6.243 pH	22.18 °C	183.9 µS/cm	4.439 mg/L	1.820 NTU	464.9 mV	40.07 ft	250.0 ml/min
10/20/2025 3:16 PM	16:11	6.254 pH	22.15 °C	184.6 µS/cm	4.310 mg/L	1.190 NTU	504.1 mV	40.17 ft	250.0 ml/min
10/20/2025 3:21 PM	21:11	6.258 pH	22.07 °C	182.1 µS/cm	4.216 mg/L	0.820 NTU	519.7 mV	40.14 ft	250.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-19	
SCH-CELL1-FD-1	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 10/21/2025 11:13:42 AM
Project: SCH-GWC-20
Operator Name: Juliet Talaber

Location Name: SCH-GWC-20 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 62.7 ft** **Total Depth: 72.7 ft** **Initial Depth to Water: 45.85 ft**	**Pump Type: Dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 62.7 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: -0.25 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082817**

Test Notes:

Weather Conditions:
Sunny, 64

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/21/2025 11:13 AM	00:00	6.197 pH	20.52 °C	191.4 µS/cm	5.468 mg/L	3.420 NTU	131.1 mV	45.85 ft	200.0 ml/min
10/21/2025 11:18 AM	05:00	6.239 pH	19.47 °C	194.5 µS/cm	5.113 mg/L	3.370 NTU	157.4 mV	45.70 ft	200.0 ml/min
10/21/2025 11:23 AM	10:00	6.253 pH	20.40 °C	194.3 µS/cm	5.073 mg/L	3.360 NTU	122.5 mV	45.70 ft	200.0 ml/min
10/21/2025 11:28 AM	15:00	6.265 pH	19.86 °C	194.2 µS/cm	4.981 mg/L	2.170 NTU	121.2 mV	45.60 ft	200.0 ml/min
10/21/2025 11:33 AM	20:00	6.283 pH	20.79 °C	192.6 µS/cm	4.910 mg/L	1.690 NTU	120.7 mV	45.60 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-Gwc 20	4 bottles with a field filtered metal sample

Low-Flow Test Report:

Test Date / Time: 10/21/2025 1:14:25 PM
Project: SCH-GWC-53
Operator Name: Juliet Talaber

Location Name: SCH-GWC-53 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 22.8 ft** **Total Depth: 32.8 ft** **Initial Depth to Water: 13.15 ft**	**Pump Type: Dedicated** **Tubing Type: Polyethylene** **Pump Intake From TOC: 22.8 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.45 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1082817**

Test Notes:

Weather Conditions:
Sunny, 69

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/21/2025 1:14 PM	00:00	5.953 pH	20.52 °C	476.7 µS/cm	1.655 mg/L	1.370 NTU	151.5 mV	13.15 ft	200.0 ml/min
10/21/2025 1:19 PM	05:00	5.672 pH	18.70 °C	501.3 µS/cm	0.778 mg/L	1.300 NTU	135.0 mV	13.15 ft	200.0 ml/min
10/21/2025 1:24 PM	10:00	5.562 pH	18.49 °C	501.3 µS/cm	0.751 mg/L	1.200 NTU	140.9 mV	13.15 ft	200.0 ml/min
10/21/2025 1:29 PM	15:00	5.509 pH	18.43 °C	499.9 µS/cm	0.724 mg/L	0.600 NTU	187.9 mV	13.15 ft	200.0 ml/min
10/21/2025 1:34 PM	20:00	5.480 pH	18.49 °C	496.5 µS/cm	0.595 mg/L	0.580 NTU	136.3 mV	13.15 ft	200.0 ml/min
10/21/2025 1:39 PM	25:00	5.459 pH	18.45 °C	495.1 µS/cm	0.534 mg/L	0.500 NTU	143.3 mV	13.45 ft	200.0 ml/min
10/21/2025 1:44 PM	30:00	5.449 pH	18.42 °C	494.7 µS/cm	0.496 mg/L	0.470 NTU	144.5 mV	13.60 ft	200.0 ml/min
10/21/2025 1:49 PM	35:00	5.439 pH	18.41 °C	494.7 µS/cm	0.488 mg/L	0.470 NTU	143.3 mV	13.60 ft	200.0 ml/min

Samples

Sample ID:	Description:
SCH-GWC-53	2 samples one 500ml and one 250 ml both unpreserved

APPENDIX A

Instrument Calibration Forms
February 2025

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/17/25

Calibrated By: Daniel Howard

Field Conditions: clear + cold

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll	1167960
Turbidity Meter	Hach2100Q	24090D000303

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	5/25	AtI Instrum
pH (SU)	4.00	24010943	5/25	↓
pH (SU)	7.00	24008587	6/25	↓
pH (SU)	10.00	24004996	6/25	↓
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24011292	6/25	AtI Instru

Did not use Aquatroll today

Calibration					
Time Start 0945		Time Finish 1020			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4455	14.92	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.92	± 0.1	GWMP
pH (SU)	7.00	7.04	15.01	± 0.1	GWMP
pH (SU)	10.00	10.11	14.18	± 0.1	GWMP
D.O. (%)	N/A	11.46	10.71	± 10%	NA
ORP (mV)	228.0	243.4	14.29	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	99.9		
	800	800		
	10	10.0		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)			± 10% of standard	EPA 2023

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/19/25

Calibrated By: Daniel Howard

Field Conditions: Raining Overcast

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1167960
Turbidity Meter	Hach 2100Q	24090000303

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	5/25	Atl Instru
pH (SU)	4.00	24010943	5/25	↓
pH (SU)	7.00	24008587	6/25	
pH (SU)	10.00	24004996	6/25	↓
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24011292	6/25	Atl Instru

Calibration					
Time Start 0515		**Time Finish** 0545			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4490	22.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	21.88	± 0.1	GWMP
pH (SU)	7.00	7.02	20.59	± 0.1	GWMP
pH (SU)	10.00	10.05	19.62	± 0.1	GWMP
D.O. (%)	N/A	8.37	25.36	± 10%	NA
ORP (mV)	228.0			± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	99.8		
	800	798		
	ck 10	10.0		

Calibration Check					
Time Start ~~0~~ 510 pm		**Time Finish** ~~0~~ 525 pm			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4490	21.69	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	21.69	± 0.1	GWMP
pH (SU)	7.00	7.02	21.15	± 0.1	GWMP
pH (SU)	10.00	10.03	20.55	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	99.4		
	800	795		
	ck 10	9.95		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/20/25

Calibrated By: Daniel Howard

Field Conditions: Partly sunny & Cold

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1167960
Turbidity Meter	Hach2100Q	24090D000363

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	5/25	Atl Instru
pH (SU)	4.00	24010943	5/25	↓
pH (SU)	7.00	24008587	6/25	
pH (SU)	10.00	24004996	6/25	
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24011292	6/25	Atl Instru

Calibration

Time Start 0515 Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	22.72	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	22.78	± 0.1	GWMP
pH (SU)	7.00	7.02	21.09	± 0.1	GWMP
pH (SU)	10.00	10.05	21.49	± 0.1	GWMP
D.O. (%)	N/A	8.97 mg/L	23.05	± 10%	NA
ORP (mV)	228.0	234.7	20.95	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	100		
	800	799		
	ck 10	9.99		

Calibration Check

Time Start 1620 Time Finish 1640

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4474	17.61	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	17.61	± 0.1	GWMP
pH (SU)	7.00	7.03	17.18	± 0.1	GWMP
pH (SU)	10.00	10.06	16.76	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.4	± 10% of standard	EPA 2023
	100	101		
	800	795		
	ck 10	10.2		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/21/25

Calibrated By: Daniel Howard

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll	1167960
Turbidity Meter	Hach 2100Q	24090300303

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	5/25	Atl Instru
pH (SU)	4.00	24010943	5/25	↓
pH (SU)	7.00	24008587	6/25	
pH (SU)	10.00	24004996	6/25	↓
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24011292	6/25	Atl Instru

Calibration					
Time Start 0515		**Time Finish** 0545			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4490	21.76	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	21.76	± 0.1	GWMP
pH (SU)	7.00	7.02	20.86	± 0.1	GWMP
pH (SU)	10.00	10.05	20.31	± 0.1	GWMP
D.O. (%)	N/A	9.03	23.18	± 10%	NA
ORP (mV)	228.0	235.6	20.06	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	20	20.0	± 10% of standard	EPA 2023
	100	99.9		
	800	800		
	10	9.98		

Calibration Check					
Time Start 1147		**Time Finish** 1200			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4416	17.66	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	17.66	± 0.1	GWMP
pH (SU)	7.00	7.04	14.93	± 0.1	GWMP
pH (SU)	10.00	10.07	13.84	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	20	20.6	± 10% of standard	EPA 2023
	100	99.5		
	800	794		
	CK 10	10.2		

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/26/25

Calibrated By: EEA

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	1146036	Aquaread
Turbidity Meter	23[illegible]3M	HACH

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	240205W3	05/25	ADV
pH (SU)	4.00	↓	05/25	↓
pH (SU)	7.00	240285B9	06/25	
pH (SU)	10.00	240299W6	06/25	
D.O. (%)	N/A			
ORP (mV)	228.0	240119A2	05/25	

Calibration					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4550	20.23	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	20.23	± 0.1	GWMP
pH (SU)	7.00	6.98	20.18	± 0.1	GWMP
pH (SU)	10.00	10.00	20.11	± 0.1	GWMP
D.O. (%)	N/A	97.1	20.27	± 10%	NA
ORP (mV)	228.0	214.3	20.05	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	10	9.87	± 10% of standard	EPA 2023
	20	20		
	100	100		
	800	794		

Calibration Check					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4489	26.21	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	25.95	± 0.1	GWMP
pH (SU)	7.00	7.01	26.12	± 0.1	GWMP
pH (SU)	10.00	9.98	25.87	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	10	9.9	± 10% of standard	EPA 2023
	20	20.1		
	100	100		
	800	800		

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/25/25

Calibrated By: SSA

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	1146036	Aquaton
Turbidity Meter	23C20D00314	HACH

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	05/25	HACH
pH (SU)	4.00	↓	05/25	↓
pH (SU)	7.00	24008589	06/25	
pH (SU)	10.00	24004996	06/25	
D.O. (%)	N/A			
ORP (mV)	228.0	24011492	06/25	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4511	20.73	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	20.72	± 0.1	GWMP
pH (SU)	7.00	6.99	20.56	± 0.1	GWMP
pH (SU)	10.00	10.01	20.48	± 0.1	GWMP
D.O. (%)	N/A	98.1 %	20.03	± 10%	NA
ORP (mV)	228.0	219.5	20.41	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.86	± 10% of standard	EPA 2023
	20	20		
	100	99.9		
	800	803		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4510	25.1	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	24.92	± 0.1	GWMP
pH (SU)	7.00	6.98	25.6	± 0.1	GWMP
pH (SU)	10.00	10.02	25.81	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.9	± 10% of standard	EPA 2023
	20	20.1		
	800	99.8		
	800	802		

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/24/25

Calibrated By: EA

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	446036	Aquaread
Turbidity Meter	2306D000344	HACH

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	240|0943	05/25	Aq
pH (SU)	4.00	↓	05/25	↓
pH (SU)	7.00	240085874	06/25	
pH (SU)	10.00	240094961	06/25	
D.O. (%)	N/A			
ORP (mV)	228.0	240114921	06/25	↓

Calibration					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4680	18.89	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	18.99	± 0.1	GWMP
pH (SU)	7.00	6.95	19.07	± 0.1	GWMP
pH (SU)	10.00	9.94	19:11	± 0.1	GWMP
D.O. (%)	N/A	119.2	19.03	± 10%	NA
ORP (mV)	228.0	223.5	19.03	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	~~10~~ ~~7.99~~	9.79	± 10% of standard	EPA 2023
	20	~~19.8~~ 20		
	100	102		
	800	~~782~~ 797		

Calibration Check					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4510	24.6	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	23.9	± 0.1	GWMP
pH (SU)	7.00	6.99	24.7	± 0.1	GWMP
pH (SU)	10.00	9.97	25.01	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	10	9.89	± 10% of standard	EPA 2023
	20	20.1		
	100	102		
	800	799		

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/12/25

Calibrated By: ESA

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	1146036	Aquaread
Turbidity Meter	13060200684	HACH

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/25	AP
pH (SU)	4.00	↓ ↓	05/25	
pH (SU)	7.00	24005587	06/25	
pH (SU)	10.00	24004996	06/25	
D.O. (%)	N/A			
ORP (mV)	228.0	24011792	06/25	

Calibration					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4499.7	2.07	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	2.28	± 0.1	GWMP
pH (SU)	7.00	6.97	1.4	± 0.1	GWMP
pH (SU)	10.00	10.15	1.39	± 0.1	GWMP
D.O. (%)	N/A	89.39	1.34	± 10%	NA
ORP (mV)	228.0	240.3	1:45	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	10	10.2	± 10% of standard	EPA 2023
	20	20.3		
	100	100		
	800	811		

Calibration Check					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4217	9.3	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	9.41	± 0.1	GWMP
pH (SU)	7.00	6.99	7.1	± 0.1	GWMP
pH (SU)	10.00	10.3	5.98	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	10	9.89	± 10% of standard	EPA 2023
	20	20.4		
	100	101		
	800	801		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/19/25

Calibrated By: EEA

Field Conditions: Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread	11460336
Turbidity Meter	HACH	2380D 0003149

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/25	AW
pH (SU)	4.00	↓↓	05/25	↓
pH (SU)	7.00	24000557	06/25	
pH (SU)	10.00	24001996	06/25	
D.O. (%)	N/A			
ORP (mV)	228.0	24011792	06/25	↓

Calibration					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4460	6.32	± 10% of standard	EPA 2023
pH (SU)	4.00	3.96	6.34	± 0.1	GWMP
pH (SU)	7.00	7.06	6.35	± 0.1	GWMP
pH (SU)	10.00	10.13	6.49	± 0.1	GWMP
D.O. (%)	N/A	101.2%	6.11	± 10%	NA
ORP (mV)	228.0	253.1	6.55	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.1	± 10% of standard	EPA 2023
	20	20.2		
	100	102		
	800	794		

Calibration Check					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4124	9.26	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	9.12	± 0.1	GWMP
pH (SU)	7.00	7.02	7.02	± 0.1	GWMP
pH (SU)	10.00	10.11	6.03	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.3	± 10% of standard	EPA 2023
	20	19.9		
	100	99.7		
	800	807		

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/20/25

Calibrated By: EEA

Field Conditions: sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	1146 ProSolo	AquaTroll
Turbidity Meter	2360	200034 HACH

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/25	YSI
pH (SU)	4.00	↓	05/25	↓
pH (SU)	7.00	24005587	06/25	
pH (SU)	10.00	24004996	06/25	
D.O. (%)	N/A			
ORP (mV)	228.0	24015912	06/25	

Calibration					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4302	7.25	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	7.11	± 0.1	GWMP
pH (SU)	7.00	7.07	6.66	± 0.1	GWMP
pH (SU)	10.00	10.12	6.57	± 0.1	GWMP
D.O. (%)	N/A	99.5	9.2	± 10%	NA
ORP (mV)	228.0	247.6	6.56	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	10	10.2	± 10% of standard	EPA 2023
	20	20.1		
	100	100		
	800	810		

Calibration Check					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	3383	9.14	± 10% of standard	EPA 2023
pH (SU)	4.00	4.09	9.14	± 0.1	GWMP
pH (SU)	7.00	7.05	6.87	± 0.1	GWMP
pH (SU)	10.00	10.10	5.96	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	10	10.7	± 10% of standard	EPA 2023
	20	20.8		
	100	98.6		
	800	804		

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 2/24/25

Calibrated By: M. MANN

Field Conditions: GOOD

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	YSI PRO AQUATROLL	965586
Turbidity Meter	HACH 2100Q	23100D000373

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010943	05/25	AIR
pH (SU)	4.00	24010943	05/25	↓
pH (SU)	7.00	24008587	06/25	↓
pH (SU)	10.00	24004996	06/25	↓
D.O. (%)	N/A	—	—	↓
ORP (mV)	228.0	24011792	06/25	↓

Calibration					
Time Start 900		**Time Finish** 910			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4731.9	19.75	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	19.78	± 0.1	GWMP
pH (SU)	7.00	7.03	19.45	± 0.1	GWMP
pH (SU)	10.00	10.03	19.38	± 0.1	GWMP
D.O. (%)	N/A	102.07	19.32	± 10%	NA
ORP (mV)	228.0	~~200~~ 227.5	19.33	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	10	10.3	± 10% of standard	EPA 2023
	20	19.6		
	100	97.1		
	800	807		

Calibration Check					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4821.2	19.88	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	19.87	± 0.1	GWMP
pH (SU)	7.00	7.04	19.32	± 0.1	GWMP
pH (SU)	10.00	10.07	19.11	± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	10	9.86	± 10% of standard	EPA 2023
	20	19.2		
	100	101		
	800	792		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2-1725 09:44

Calibrated By: T. PARKER

Field Conditions: Clear Sunny. 35°F

Finish CAL @ 10:15

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Ins/Aquaread/1400	1080302
Turbidity Meter		

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	5/2025	AIRADVISED
pH (SU)	4.00	24018947	5/2025	AIRADVISED
pH (SU)	7.00	24008587	6/2025	
pH (SU)	10.00	24004496	6/2025	
D.O. (%)	N/A			
ORP (mV)	228.0	24011492	6/2025	

Slope/offset 1 = -54.15 mV/pH -8.4mV Slope/offset 2 = -54.28mV/pH -8.4mV

Calibration

Time Start: ____ Time Finish: ____

Parameter	Standard (pH mV)	Before/After Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	5111.4/4480	10.02	± 10% of standard	EPA 2023
pH (SU)	4.00 152.6	4.04/4.00	9.65	± 0.1	GWMP
pH (SU)	7.00 -11.9	7.11/7.06	9.48	± 0.1	GWMP
pH (SU)	10.00 -178.7	10.14/10.13	9.37	± 0.1	GWMP
D.O. (%)	N/A	10.33/9.45	12.15	± 10%	NA
ORP (mV)	228.0	228.1/246.2	11.84	± 10	EPA 2023

Offset: 5.4mV Therm: 246.2mV

SC offset = 0.00 µS/cm Cell const = 1.037

Slope: 1.130738 offset: 0.00 mg/L Baro: 1,008.2 mbar

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)			± 10% of standard	EPA 2023

Calibration Check

Time Start: ____ Time Finish: ____

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)			± 10% of standard	EPA 2023

Notes: * DO = 10.72 mg/L under live readings after cal. 10:27 used for surface water sampling. (MARKmann)

Site Name: GP- Scherer

Field Instrumentation Calibration Form

Calibrated By: T. PARKER

Date: 2-19-2025 (wetnes day)

Field Conditions: overcast, rain 40°F

ST 05:27
Finish: 05:57

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In-Situ/Aquatroll	1080302
Turbidity Meter	HACH/2100Q	24000000008

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	05/2025	AIR PRODUCTS
pH (SU)	4.00	24018943	05/2025	
pH (SU)	7.00	24008587	06/2025	
pH (SU)	10.00	24004986	06/2025	
D.O. (%)	N/A			
ORP (mV)	228.0	24011792	06/2025	AIR PRODUCTS

OFFSET: 0.00 µS/cm Cell Constant: 1.015 Ref Temp: 25°C

Calibration

Time Start: Time Finish:

Parameter	Standard	Before/After Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4588/4490	20.83	± 10% of standard	EPA 2023
pH (SU)	4.00	3.95/4.00	20.85	± 0.1	GWMP
pH (SU)	7.00	7.00/7.02	20.07	± 0.1	GWMP
pH (SU)	10.00	9.97/10.05	19.10	± 0.1	GWMP
D.O. (%)	N/A	9.89/9.51	18.54	± 10%	NA
ORP (mV)	228.0	230.7/237.0	18.48	±10	EPA 2023

Slope/Offset = -56.91 mV/pH - 75 mV Slope/Offset 2: -55.16mV/pH - 7.6 mV

Slope = 1.114725
Offset: 0.08 mg/L
Baro: 1,008.7 mbar
Theory = 9.51 mg/L

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
07:47 Recal 20.1 ✓	20	18.7	93.5% ✓	Lot# 24845011 Exp. Nov. 2025
102 ✓	100	93.3	93% ✓	Lot# 25845901 Exp. Dec. 2025
958	800	685	85.6%	± 10% of standard EPA 2023 CSTD-2060501 Exp. Sept. 2025
9.88 ✓	10.0	9.93	99.3% ✓	Lot#A4247 Exp. Dec. 2025

Calibration Check

Time Start: 19:45 Time Finish: 19:58

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4413.2 ✓	19.51	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05 ✓	19.51	± 0.1	GWMP
pH (SU)	7.00	7.05 ✓	18.70	± 0.1	GWMP
pH (SU)	10.00	10.14 ✓	18.23	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.8 ✓	± 10% of standard	EPA 2023
	100	94.5 ✓		
	800	779 ✓		
	10	9.78		

Notes: For GW Sampling on 2-19-2025

Field Instrumentation Calibration Form

Site Name: GD-Scherer

Date: 2-20-2025

Calibrated By: T. PARKER

Field Conditions: Overcast 7. Cal in Hotel Room

CAL START: 05:40

CAL Finish: 06:10

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Insitu/Aquatroll	1080302
Turbidity Meter	Hach/2100Q	24100000008

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	05/2025	AIR PROVIDED
pH (SU)	4.00	24010943	05/2025	
pH (SU)	7.00	24008587	06/2025	
pH (SU)	10.00	24004996	06/2025	
D.O. (%)	N/A			
ORP (mV)	228.0	24011792	06/2025	AIR PROVIDED

→ OFFSET = 0.00 µS/cm Cell Constant: 1.026 Ref. temp.: 25°C

Calibration

Time Start — Time Finish

Parameter	Standard	pH in / before / after Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,416.2 / 4,418 ✓	17.99	± 10% of standard	EPA 2023
pH (SU)	4.00 139.5	4.04 / 4.00 ✓	18.29	± 0.1	GWMP
pH (SU)	7.00 -19.7	7.06 / 7.02 ✓	18.07	± 0.1	GWMP
pH (SU)	10.00 -179.4	10.14 / 10.05 ✓	18.06	± 0.1	GWMP
D.O. (%) 100.98%	N/A	9.56 / 9.47 ✓	17.69	± 10%	NA
ORP (mV) Theory 237.6	228.0	232.1 / 232.2 ✓	18.56	± 10	EPA 2023

→ Slope/offset 1 = -56.34 mV/pH / 9.5 mV / 5 kPa / offset 2 = -55.71 mV/pH / -9.5 mV

→ Slope = 1.13477901
→ offset = -0.00 mg/L
Barred = 1,009.8 mbar
Theory = 9.46 mg/L
→ offset = 2.4 mV

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.8 ✓	± 10% of standard	EPA 2023
	100	99.8 ✓		
	800	78.7 ✓		
	10	9.88 ✓		

Calibration Check

Time Start 18:50 — Time Finish 19:05

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,431.3 ✓	12.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01 ✓	12.67	± 0.1	GWMP
pH (SU)	7.00	7.04 ✓	13.12	± 0.1	GWMP
pH (SU)	10.00	10.07 ✓	13.24	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.7 ✓	± 10% of standard	EPA 2023
	100	99.0 ✓		
	800	77.4		
	10	9.84		

Notes:

For GW Sampling on 2-20-2025

Site Name: CP-Scherer

Calibrated By: T. PARKER

Field Instrumentation Calibration Form

Friday
Date: 2-21-25

Field Conditions: Partly cloudy, 24°F

ST: 05:14
FINISH: 05:50

Cal in Hotel Room

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Insitu/Aquatroll	1080302
Turbidity Meter	HACH/2100Q	24100D000008

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24K1943	05/2025	AIR Provided
pH (SU)	4.00	24010943	05/2025	
pH (SU)	7.00	24008587	05/2025	
pH (SU)	10.00	24007996	06/2025	
D.O. (%)	N/A			
ORP (mV)	228.0	24011792	06/2025	AIR Provided

OFFSET = 0.00 mg/Cm Cell constant: 1.023 @25.0°C Ref. temp.

Calibration

Time Start _____ Time Finish _____

Parameter	Standard	Before/After Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,504.5/4,499	21.23	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02/4.00	21.31	± 0.1	GWMP
pH (SU)	7.00	7.02/7.02	20.98	± 0.1	GWMP
pH (SU)	10.00	10.02/10.05	20.54	± 0.1	GWMP
D.O. (%)	SAT = N/A	9.48/9.47	18.43	± 10%	NA
ORP (mV)	228.0	233.8/235.2	20.05	± 10	EPA 2023

Slope: 1.1322926 offset: +0.0mV 1,020.7mBar offset: 14.1 mV

slope/offset#1: -56.6mV/pH slope/offset#2: -55.75mV/pH/9.6mV

DO Theory: 9.45mg/L

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	Lot# A4225 Exp Nov. 2025	EPA 2023
	100	98.8	Lot# A4225 Exp Dec. 2025	
	800	775	± 10% of standard	
Verify Cal	10	9.48	Lot# A4176 Exp: Sept. 2025	

Calibration Check

Time Start 11:25 Time Finish 11:45

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference	
Specific Conductance (µS/cm)	4,490	4,328.2	15.37	± 10% of standard	EPA 2023	96%R
pH (SU)	4.00	4.03	15.34	± 0.1	GWMP	101%R
pH (SU)	7.00	7.06	15.71	± 0.1	GWMP	101%R
pH (SU)	10.00	10.07	15.61	± 0.1	GWMP	101%R

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.7	± 10% of standard	EPA 2023
	100	97.1		
	800	789		
10.0 9.54	10.0	9.51		

JDO 2-21-25

Notes:

USED Air GW Sampling. SGWC-23.

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: MONDAY 2-24-25

Calibrated By: T. BARKER

Field Conditions: OVERCAST, 50°F

Begin: 10:03

Finish 10:36

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	YSI/ProDSS	16B03C2
Turbidity Meter	HACH/2100Q	241000C000018

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24D1943	5/2025	HACH PROVIDED
pH (SU)	4.00	24D1943	5/2025	
pH (SU)	7.00	24C08587	6/2025	
pH (SU)	10.00	24D04996	6/2025	
D.O. (%)	N/A			
ORP (mV)	228.0	24D11792	6/2025	HACH PROVIDED

OFFSET: 0.00 µS/cm Cell Constant: 1.038 Ref. temp: 25°C

Calibration

Time Start: Time Finish:

Parameter	Standard	Before/After Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,483 / 4,511 ✓	14.25°C	± 10% of standard	EPA 2023
pH (SU)	4.00 / 155.7	4.01 / 4.00 ✓	14.22°C	± 0.1	GWMP
pH (SU)	7.00 / 11.2	7.03 / 7.04 ✓	17.02°C	± 0.1	GWMP
pH (SU)	10.00 / 177.8	10.06 / 10.11 ✓	17.09°C	± 0.1	GWMP
D.O. (%) 100.47%	N/A	9.46 / 9.41 ✓	17.83	± 10%	NA
ORP (mV)	228.0 / 235.1	238.8 / 238.6 ✓	17.69	± 10	EPA 2023

Slope: 1.176927 Offset: 0.00 mg/L Baro: 1002.9 mbar DO Theory:

Slope: 0 Offset: -54.82 mV/pH ±8.1 mV Slope/Offset: -54.3 mV/pH ±8.8 mV

ORP OFFSET: 14.0 MV

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.5 ✓	± 10% of standard	EPA 2023
	100	98.7 ✓		
	800	777 ✓		
	10	9.77 ✓		

Calibration Check

Time Start: 19:58 Time Finish: 20:10

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,713	21.55	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	21.55	± 0.1	GWMP
pH (SU)	7.00	7.06	21.39	± 0.1	GWMP
pH (SU)	10.00	10.09	21.03	± 0.1	GWMP

105%R ✓ 101%R ✓ 101%R ✓

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.6 ✓	± 10% of standard	EPA 2023
	100	97.6 ✓		
	800	783 ✓		
	10	9.65 ✓		

Notes: USED FOR GW SAMPLING

Site Name: GP-Scherer

Field Instrumentation Calibration Form

Date: Tuesday 2-25-25

Calibrated By: T. PARKER

Field Conditions: Clear, sunny, 68°F

START: 05:20
FINISH: 05:45

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Insitu/Aquatroll 400	1080302
Turbidity Meter	Hach/2100Q is	24100D000008

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	5/2025	AIR PROVIDED
pH (SU)	4.00	24010943	5/2025	
pH (SU)	7.00	24008587	6/2025	
pH (SU)	10.00	24064996	6/2025	
D.O. (%)	N/A			
ORP (mV)	228.0	24011792	6/2025	AIR PROVIDED

OFFSET = 0.00 µs/cm Cell Constant = 1.002 Ref. temp: 25°C

Calibration

Time Start: Time Finish:

Parameter	Standard	Before / After Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,652a / 4,489 ✓	21.11	± 10% of standard	EPA 2023
pH (SU)	4.00 / 160.0	3.99 / 4.00 ✓	21.10	± 0.1	GWMP
pH (SU)	7.00 / 70.6	7.03 / 7.02 ✓	21.22	± 0.1	GWMP
pH (SU)	10.00 / 176.2	10.04 / 10.05 ✓	21.17	± 0.1	GWMP
D.O. (%) 98.9%	N/A	8.53 / 8.64 ✓	22.03	± 10%	NA
ORP (mV)	228.0 / 233.9	234.6 / 233.3 ✓	21.31	± 10	EPA 2023

Slope/Offset 1: 56.42 pH/mV / -9.2 mV Slope/Offset 2: -54.8 pH/mV / -9.2 mV

OFFSET = 13.3 mV @ 21.32°C

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.4 ✓	± 10% of standard	EPA 2023
	100	98.8 ✓		
	800	789 ✓		
	10	9.96 ✓		

Theory = 8.63 mg/L @ 22.03°C

BA20 = 1,000.6 mbar

Calibration Check

Time Start: 19:42 Time Finish: 19:54

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,520.4 ✓	24.68	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05 ✓	24.70	± 0.1	GWMP
pH (SU)	7.00	7.04 ✓	24.03	± 0.1	GWMP
pH (SU)	10.00	10.11 ✓	22.70	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1 ✓	± 10% of standard	EPA 2023
	100	100 ✓		
	800	797 ✓		
	10.11	9.93 ✓		

AP 2-25-25

Notes:

Used for GW Sampling

Site Name: GP-Scherer

Field Instrumentation Calibration Form

Wednesday

Date: 2-26-25

Calibrated By: T. Parker

Field Conditions: Clear, Sunny, 30's

START: 05:26
Finish: 05:54

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Insitu/Aquatroll 400	1080302
Turbidity Meter	Hach/2100Q01	24090C00008

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24010943	05/2025	AIR PROVIDED
pH (SU)	4.00	24010943	05/2025	
pH (SU)	7.00	24008587	06/2025	
pH (SU)	10.00	24004996	06/2025	
D.O. (%)	N/A			
ORP (mV)	228.0	24011792	06/2025	AIR PROVIDED

OFFSET = 0.00 µS for Cell constant: 1.005 Ref. Temp: 25°C

Calibration

Time Start: Time Finish:

Parameter	Standard	Before/After Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4476.2/4486 ✓	21.60	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01/4.00 ✓	21.64	± 0.1	GWMP
pH (SU)	7.00	7.02/7.02 ✓	21.64	± 0.1	GWMP
pH (SU)	10.00	10.05/10.05 ✓	21.57	± 0.1	GWMP
D.O. (%) 100.9% ✓	N/A	8.76/8.70 ✓	21.73	± 10%	NA
ORP (mV)	228.0	232.0/233.5 ✓	21.59	± 10	EPA 2023

Slope/offset #1: -56.43mV/pH/-9.3mV Slope/offset #2: -54.54mV/pH/-9.4mV

offset = 14.9m

DO Theory:
C 21.73°C
Baro: 1,002.1 mbar
= 8.69 mg/L
Slope: 1.1281979
offset = 0.0 mg/L

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	20.1 ✓	± 10% of standard	EPA 2023
	100	99.0 ✓		
	800	783.7 ✓		
	10	9.88 ✓		

Calibration Check

Time Start: 16:02 Time Finish: 16:10

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,456.2 ✓	29.85	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05 ✓	29.86	± 0.1	GWMP
pH (SU)	7.00	7.06 ✓	26.92	± 0.1	GWMP
pH (SU)	10.00	10.05 ✓	25.88	± 0.1	GWMP

104.9% RV ✓
101% RV ✓
101% RV ✓
100.5% RV ✓

START: 15:14 Finish 15:18

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	20	19.7 ✓	98.5% RV ✓	EPA 2023
	100	99.3 ✓	99.3% RV ✓	
	800	787 ✓	± 10% of standard ✓ 98.4% RV ✓	
	10	9.86 ✓	98.6% RV ✓	

Notes: Used for GW Sampling

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/18/25

Calibrated By: DCB

Field Conditions: rainy 40 °F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	1179236	Aquaread
Turbidity Meter	23100D000368	HACH

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490	24010948	05/25	AIR
pH (SU)	4.00	"	"	
pH (SU)	7.00	24005567	06/25	
pH (SU)	10.00	24004996	06/25	
D.O. (%)	N/A	—	—	
ORP (mV)	228.0	24011792	06/25	

Calibration					
Time Start 0920		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4417.5	9.81	± 10% of standard	EPA 2023
pH (SU)	4.00	3.96	9.82	± 0.1	GWMP
pH (SU)	7.00	7.01	10.47	± 0.1	GWMP
pH (SU)	10.00	10.15	11.88	± 0.1	GWMP
D.O. (%)	N/A	100.08	11.81	± 10%	NA
ORP (mV)	228.0	236.9	11.62	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	94.4		
	800	780		
	10	9.90		

Calibration Check					
Time Start		**Time Finish**			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)			± 10% of standard	EPA 2023

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/20/25

Calibrated By: DCB

Field Conditions: Cloudy 45° F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter		

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
Specific Conductance (µS/cm)	4,490			
pH (SU)	4.00			
pH (SU)	7.00			
pH (SU)	10.00			
D.O. (%)	N/A			
ORP (mV)	228.0			

Calibration

Time Start 0956 **Time Finish**

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4513.9	16.72	± 10% of standard	EPA 2023
pH (SU)	4.00	4.07	16.79	± 0.1	GWMP
pH (SU)	7.00	6.96	16.47	± 0.1	GWMP
pH (SU)	10.00	9.97	16.36	± 0.1	GWMP
D.O. (%)	N/A	101.31	16.30	± 10%	NA
ORP (mV)	228.0	222.3	16.27	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	110		
	800	821		
	10	10.5		

Calibration Check

Time Start **Time Finish**

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)			± 10% of standard	EPA 2023

Notes:

Site Name: SCherer

Field Instrumentation Calibration Form

Date: 2/19/25

Calibrated By: JS

Field Conditions: Rainy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll	465586
Turbidity Meter	HACH	230000373

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490			AIR
pH (SU)	4.00			
pH (SU)	7.00			
pH (SU)	10.00			
D.O. (%)	N/A			
ORP (mV)	228.0			

Calibration					
Time Start 0740	Time Finish 0750				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4270.5	10.05	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	9.99	± 0.1	GWMP
pH (SU)	7.00	7.15	10.24	± 0.1	GWMP
pH (SU)	10.00	10.31	10.67	± 0.1	GWMP
D.O. (%)	N/A	104		± 10%	NA
ORP (mV)	228.0	234.6	10.69	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	14.7	± 10% of standard	EPA 2023
	100	99.9		
	700	711		
	10	10.1		

Calibration Check					
Time Start	Time Finish				
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490		± 10% of standard	EPA 2023
pH (SU)	4.00	3.99		± 0.1	GWMP
pH (SU)	7.00	7.01		± 0.1	GWMP
pH (SU)	10.00	10.01		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	100		
	800	799		
	10	10.1		

Notes:

APPENDIX A

Instrument Calibration Forms
April 2025

~~May 2020~~

Daily Calibration Log

~~20139484~~

Project: Plant Scherer
Field Staff:

Instrument Calibration

Date: 4/22/25 **Time:** 0800

Parameter	Units	Standard	AquaTROLL SN 1170582	AquaTROLL SN _____	AquaTROLL SN _____	AquaTROLL SN _____
DO	% saturation	100	100			
Conductivity	us/cm	4490	4490			
pH	S.U.	4.00	4.00			
pH	S.U.	7.00	7.00			
pH	S.U.	10.00	10.00			
ORP	mV	228.00	228.0			

	Units	Standard	Hach SN 23060[illegible]342	Hach SN _____	Hach SN _____	Hach SN _____
Turbidity	NTU	20	20			
	NTU	100	100			
	NTU	800	800			
		10	10			

Date: 4/23/25 **Time:**

Parameter	Units	Standard	AquaTROLL SN 1170582	AquaTROLL SN _____	AquaTROLL SN _____	AquaTROLL SN _____
DO	% saturation	100	100			
Conductivity	us/cm	4490	4490			
pH	S.U.	4.00	4.00			
pH	S.U.	7.00	7.00			
pH	S.U.	10.00	10.00			
ORP	mV	228.00	228.00			

	Units	Standard	Hach SN 23060[illegible]342	Hach SN _____	Hach SN _____	Hach SN _____
Turbidity	NTU	20	20			
	NTU	100	100			
	NTU	800	800			
		10	10			

Notes: DO - Dissolved Oxygen; us/cm - microsiemens/centimeter; ORP - oxidation-reduction potential; mV - millivolts; NTU - Nphelometric Turbidity Units; NC - Not calibrated

wsp

GOLDER

~~May 2020~~

Daily Calibration Log

~~20139484~~

Project: Plant Scherer
Field Staff:

Instrument Calibration

Date: 4/22/25 **Time:** 0900

Parameter	Units	Standard	AquaTROLL SN 1166134	AquaTROLL SN _____	AquaTROLL SN _____	AquaTROLL SN _____
DO	% saturation	100	100			
Conductivity	us/cm	4490	4490			
pH	S.U.	4.00	4.00			
pH	S.U.	7.00	7.00			
pH	S.U.	10.00	10.00			
ORP	mV	228.00	228.0			

	Units	Standard	Hach SN 21030000800	Hach SN _____	Hach SN _____	Hach SN _____
Turbidity	NTU	20	20			
	NTU	100	100			
	NTU	800 / 10	800 / 10			

Date: 4/23/25 **Time:** 0800

Parameter	Units	Standard	AquaTROLL SN 1166134	AquaTROLL SN _____	AquaTROLL SN _____	AquaTROLL SN _____
DO	% saturation	100	100			
Conductivity	us/cm	4490	4490			
pH	S.U.	4.00	4.0			
pH	S.U.	7.00	7.0			
pH	S.U.	10.00	10.0			
ORP	mV	228.00	228			

	Units	Standard	Hach SN 21030000600	Hach SN _____	Hach SN _____	Hach SN _____
Turbidity	NTU	20	20			
	NTU	100	100			
	NTU	800 / 10	800 / 10			

Notes: DO - Dissolved Oxygen; us/cm - microsiemens/centimeter; ORP - oxidation-reduction potential; mV - millivolts; NTU - Nphelometric Turbidity Units; NC - Not calibrated

wsp

GOLDER

APPENDIX A

Instrument Calibration Forms
July- August 2025

Field Instrumentation Calibration Form

Site Name: SCS Plant Scherer

Date: 7/31/25

Field Conditions: sunny 75°F

Calibrated By: LMD

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread	1080308
Turbidity Meter	HACH 2100Q	15030C039370

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/26	YSI
pH (SU)	4.00	24014218	01/26	↓
pH (SU)	7.00	24014266	01/26	↓
pH (SU)	10.00	24011537	01/26	↓
D.O. (%)	N/A	—	—	↓
ORP (mV)	228.0	22490162	01/26	↓

Calibration

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4507	28.11	± 10% of standard	EPA 2023
pH (SU)	4.00	3.994	28.35	± 0.1	GWMP
pH (SU)	7.00	6.978	28.59	± 0.1	GWMP
pH (SU)	10.00	9.920	28.45	± 0.1	GWMP
D.O. (%)	N/A	100.4% / 7.924 mg/L	26.95	± 10%	NA
ORP (mV)	228.0	217.9	28.37	± 10	EPA 2023

Lot #	Standard	Calibration Value	Acceptance Criteria	Reference
A42746 1/26	10	9.73	± 10% of standard	EPA 2023
A42746 1/26 Turbidity (NTU)	20	19.4		
A42745 01/26	100	102		
A42745 1/26	800	807		

Calibration Check

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4444	26.3	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02		± 0.1	GWMP
pH (SU)	7.00	7.05		± 0.1	GWMP
pH (SU)	10.00	10.07		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	92		
	800	803		
	10	9.97		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/31/25

Calibrated By: JCT

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatrol 400	10802293
Turbidity Meter	HACH 2100Q	23100D003C68

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	↑	01/2026	A.C
pH (SU)	4.00	24014218		
pH (SU)	7.00	24014206		
pH (SU)	10.00	24011537		
D.O. (%)	N/A			
ORP (mV)	228.0	12490102	↓	↓

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4783	22.92	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	22.93	± 0.1	GWMP
pH (SU)	7.00	6.95	22.89	± 0.1	GWMP
pH (SU)	10.00	10.03	22.60	± 0.1	GWMP
D.O. (%)	N/A	104.5	22.74	± 10%	NA
ORP (mV)	228.0	232.0	22.73	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.45	± 10% of standard	EPA 2023
	20	21.0		
	100	102		
	800	801		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4504	26.1	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01		± 0.1	GWMP
pH (SU)	7.00	7.11		± 0.1	GWMP
pH (SU)	10.00	10.03		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	101		
	800	801		
	10	9.99		

Notes: Finished @ 1115

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/31/25

Calibrated By:

Field Conditions:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1127603
Turbidity Meter	HACH	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	AIR
pH (SU)	4.00	1	1	1
pH (SU)	7.00	24014266	01/2026	1
pH (SU)	10.00	24011597	1	1
D O (%)	N/A	1	1	1
ORP (mV)	228.0	22490162	1	1

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4376	23.76	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	23.80	± 0.1	GWMP
pH (SU)	7.00	7.0	23.87	± 0.1	GWMP
pH (SU)	10.00	10.0	23.89	± 0.1	GWMP
D O (%)	N/A	102.3	22.19	± 10%	NA
ORP (mV)	228.0	230.2	23.89	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	100		
	800	802		
	10	9.50		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4434	25.61	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	1	± 0.1	GWMP
pH (SU)	7.00	7.05	1	± 0.1	GWMP
pH (SU)	10.00	10.12	1	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	103		
	800	807		
	10	9.99		

Notes:

07/30/25

Site Name Plant Scherer

Field Instrumentation Calibration Form

Date ~~07/30/25~~

Field Conditions:

Calibrated By: JCT

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 200	1080293
Turbidity Meter	HACH 2100Q	23100D000368

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	↑	01/2026	Air
pH (SU)	4.00	24014218		
pH (SU)	7.00	24014266		
pH (SU)	10.00	24011537		
D.O. (%)	N/A			
ORP (mV)	228.0	24901162	↓	↓

Calibration

Time Start: 19 Time Finish: 25

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4779	23.12	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	23.14	± 0.1	GWMP
pH (SU)	7.00	6.96	23.17	± 0.1	GWMP
pH (SU)	10.00	9.95	23.16	± 0.1	GWMP
D.O. (%)	N/A	98.48	22.91	± 10%	NA
ORP (mV)	228.0	231.6	23.10	± 10	EPA 2023

FB-4

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.49	± 10% of standard	EPA 2023
	20	20.8		
	100	101		
	800	814		

Calibration Check

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4771	26.12	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02		± 0.1	GWMP
pH (SU)	7.00	6.92		± 0.1	GWMP
pH (SU)	10.00	10.11		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.2	± 10% of standard	EPA 2023
	100	107		
	800	791		
	10	10.0		

Notes:

Site Name: SCS Plant Scherer **Field Instrumentation Calibration Form**

Date: 7/30/2025

Calibrated By: LND

Field Conditions: Sunny but cloudy 86°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread AP-2000	1080300
Turbidity Meter	HACH 2100Q	150350C0393700

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	YSI
pH (SU)	4.00	24014318	01/2026	
pH (SU)	7.00	24014266	01/2026	
pH (SU)	10.00	24011537	01/2026	
D O (%)	N/A	—	—	
ORP (mV)	228.0	22490162	01/2026	

Calibration

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4464	22.18	± 10% of standard	EPA 2023
pH (SU)	4.00	4.046	22.16	± 0.1	GWMP
pH (SU)	7.00	7.056	21.99	± 0.1	GWMP
pH (SU)	10.00	10.17	21.82	± 0.1	GWMP
D O (%)	N/A	99.5% / 8.49 mg/L	22.15	± 10%	NA
ORP (mV)	228.0	224	21.79	± 10	EPA 2023

Lot #	Exp	Standard	Calibration Value	Acceptance Criteria	Reference
A4276	01/26	10	9.51	± 10% of standard	EPA 2023
A4276	01/26	20	20.9		
A4275	01/26	100	101		
A4275	01/26	800	814		

Turbidity (NTU)

Calibration Check

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4819	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01		± 0.1	GWMP
pH (SU)	7.00	7.06		± 0.1	GWMP
pH (SU)	10.00	10.01		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	99.9		
	800	796		
	10	10.1		

Notes:

Site Name: SCH

Field Instrumentation Calibration Form

Date: 7.29.25

Calibrated By:

Field Conditions: 77 Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	1080300	Aquaread
Turbidity Meter	15030C039370	Hach

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	Say	Say	Say
pH (SU)	4.00			
pH (SU)	7.00			
pH (SU)	10.00			
D.O. (%)	N/A			
ORP (mV)	228.0			

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4505	22.72	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	22.67	± 0.1	GWMP
pH (SU)	7.00	7.08	22.29	± 0.1	GWMP
pH (SU)	10.00	10.07	22.04	± 0.1	GWMP
D.O. (%)	N/A	100.1 %	22.71	± 10%	NA
ORP (mV)	228.0	226.7	21.99	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	14.0	± 10% of standard	EPA 2023
	100	96.6		
	800	795		
	10	10.2		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4491	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01		± 0.1	GWMP
pH (SU)	7.00	7.01		± 0.1	GWMP
pH (SU)	10.00	10.01		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	103		
	800	801		
	10	10.1		

Notes:

PZ-39S Ex Rad.

PZ-40I EB-3

PZ-41S

PZ-42I FB-3

Site Name: Plant Scherer **Field Instrumentation Calibration Form** Date: 07/28/25

Calibrated By: Field Conditions:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua troll	177603
Turbidity Meter	Hach	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	A)R
pH (SU)	4.00			
pH (SU)	7.00	24014266	01/2026	
pH (SU)	10.00	24011537	01/2026	
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4496	22.86	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	22.95	± 0.1	GWMP
pH (SU)	7.00	7.00	23.13	± 0.1	GWMP
pH (SU)	10.00	10.00	23.31	± 0.1	GWMP
D.O. (%)	N/A	95.00	23.32	± 10%	NA
ORP (mV)	228.0	231.4	23.20	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	100		
	800	800		
	10	9.27		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4474	34.27	± 10% of standard	EPA 2023
pH (SU)	4.00	4.021	34.27	± 0.1	GWMP
pH (SU)	7.00	6.965	33.99	± 0.1	GWMP
pH (SU)	10.00	9.935	34.02	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.49	± 10% of standard	EPA 2023
	20	20.3		
	100	99.2		
	806	791		

Notes:

Site Name: MCD

Field Instrumentation Calibration Form

Date: 7.28.25

Calibrated By: Z. West

Field Conditions: 84 cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	aquaread	1080300
Turbidity Meter	Hach	15050C039370

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240142 18	01/2026	AIR
pH (SU)	4.00	↓	↓	↓
pH (SU)	7.00	24014266	01/2026	AIR
pH (SU)	10.00	24011927	01/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24901 62	01/2026	AIR

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4393	24.60	± 10% of standard	EPA 2023
pH (SU)	4.00	4.07	24.46	± 0.1	GWMP
pH (SU)	7.00	7.07	23.84	± 0.1	GWMP
pH (SU)	10.00	10.08	23.96	± 0.1	GWMP
D.O. (%)	N/A	101.8	23.74	± 10%	NA
ORP (mV)	228.0	228.6	23.28	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.7	± 10% of standard	EPA 2023
	100	99.4		
	800	791		
	10	10		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4652	25.55	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	25.21	± 0.1	GWMP
pH (SU)	7.00	7.01	25.47	± 0.1	GWMP
pH (SU)	10.00	10.01	25.88	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.3	± 10% of standard	EPA 2023
	100	97		
	800	792		
	10	9.99		

Notes:

BGWA - 21, 22, 29, 45

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/28/25

Calibrated By:

Field Conditions:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	1080293
Turbidity Meter	HACH 2100Q	231000000 3008

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490		01/2026	Air
pH (SU)	4.00	24014218	01/2026	Air
pH (SU)	7.00	24014206	↓	↓
pH (SU)	10.00	24011537		
D.O. (%)	N/A			
ORP (mV)	228.0	22490102	01/2026	Air

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4489	22.57	± 10% of standard	EPA 2023
pH (SU)	4.00	4.10	22.58	± 0.1	GWMP
pH (SU)	7.00	7.08	22.54	± 0.1	GWMP
pH (SU)	10.00	10.03	22.54	± 0.1	GWMP
D.O. (%)	N/A	99.31	22.600	± 10%	NA
ORP (mV)	228.0	229.5	22.51	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.68	± 10% of standard	EPA 2023
	20	21.5		
	100	97.1		
	800	803		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4521	25.13	± 10% of standard	EPA 2023
pH (SU)	4.00	3.94	25.21	± 0.1	GWMP
pH (SU)	7.00	6.94	25.53	± 0.1	GWMP
pH (SU)	10.00	4.99	25.75	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	2	2.1	± 10% of standard	EPA 2023
	10	9.8		
	80	77.9		
	40	40.03		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/28/25

Field Conditions: Sunny 85°F

Calibrated By:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Pondhoh	1080306
Turbidity Meter	HACH	150400C009490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240818	1/2026	AIR
pH (SU)	4.00	"	"	↓
pH (SU)	7.00	240142606	1/2026	
pH (SU)	10.00	240111537	1/2026	
D.O. (%)	N/A			
ORP (mV)	228.0	2240901G2	1/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4358	22.24	± 10% of standard	EPA 2023
pH (SU)	4.00	4.035	22.75	± 0.1	GWMP
pH (SU)	7.00	7.016	22.74	± 0.1	GWMP
pH (SU)	10.00	10.08	22.16	± 0.1	GWMP
D.O. (%)	N/A			± 10%	NA
ORP (mV)	228.0	231.1	22.34	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.61	± 10% of standard	EPA 2023
	20	19.1		
	100	99.2		
	800	793		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4211	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	25.62	± 0.1	GWMP
pH (SU)	7.00	7.06	25.71	± 0.1	GWMP
pH (SU)	10.00	10.13	25.87	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	98.2		
	800	801		
	10	10.03		

Notes:

Site Name: SCS Plant McDonough

Field Instrumentation Calibration Form

Date: 7/25/25

Calibrated By: LMD

Field Conditions: clear 74°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread AP-2000	1167968
Turbidity Meter	HACH 2100Q	22090D000239

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/26	YSI
pH (SU)	4.00	24014218	01/26	
pH (SU)	7.00	24014204	01/26	
pH (SU)	10.00	24011537	01/26	
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/26	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4445	26.93	± 10% of standard	EPA 2023
pH (SU)	4.00	4.001	27.29	± 0.1	GWMP
pH (SU)	7.00	7.006	27.40	± 0.1	GWMP
pH (SU)	10.00	9.994	27.44	± 0.1	GWMP
D.O. (%)	N/A	100.1%	8.071 mg/L 25.84	± 10%	NA
ORP (mV)	228.0	225.9	27.29	± 10	EPA 2023

Lot #
A4247
A4257
A4248
A4257

	Standard	Calibration Value	Acceptance Criteria	Reference
EXP: 12/25 Turbidity (NTU) 12/25 12/25	10	9.58	± 10% of standard	EPA 2023
	20	20.3		
	100	102		
	800	802		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4603	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	26.26	± 0.1	GWMP
pH (SU)	7.00	7.06	27.11	± 0.1	GWMP
pH (SU)	10.00	10.10	25.62	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	102		
	800	801		
	10	9.96		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/25/25 (25, 28, 24)

Calibrated By: JCT

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	InSitu Aqua	1080293
Turbidity Meter	HACH 2100Q	23100000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490			
pH (SU)	4.00	24014218	01/2026	Air
pH (SU)	7.00	24014266	↓	Air
pH (SU)	10.00	24011537	↓	Air
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	Air

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4247	22.80	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	22.99	± 0.1	GWMP
pH (SU)	7.00	7.01	22.89	± 0.1	GWMP
pH (SU)	10.00	10.11	22.98	± 0.1	GWMP
D.O. (%)	N/A	102.3	22.94	± 10%	NA
ORP (mV)	228.0	227.6	~~22.95~~ JCT 22.95	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.0	± 10% of standard	EPA 2023
	20	19.3		
	100	102		
	800	792		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4392	25.61	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	26.37	± 0.1	GWMP
pH (SU)	7.00	7.01	26.19	± 0.1	GWMP
pH (SU)	10.00	10.02	25.92	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	101		
	800	798		
	10	9.89		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/25/25

Calibrated By:

Field Conditions: Sunny 90°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	100326
Turbidity Meter	HACH	1840C049490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24G19218	1/2026	AIR
pH (SU)	4.00	" "	" "	↓
pH (SU)	7.00	24G14266	1/2026	
pH (SU)	10.00	24G11537	1/2026	
D O (%)	N/A			
ORP (mV)	228.0	2249d62	1/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4506	22.71	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	22.7	± 0.1	GWMP
pH (SU)	7.00	7.070	22.61	± 0.1	GWMP
pH (SU)	10.00	10.09	22.55	± 0.1	GWMP
D O (%)	N/A	105%	22.85	± 10%	NA
ORP (mV)	228.0	231.4	22.90	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.5	± 10% of standard	EPA 2023
	20	18.3		
	100	96.1		
	800	804		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4556	25.11	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	25.62	± 0.1	GWMP
pH (SU)	7.00	7.06	25.81	± 0.1	GWMP
pH (SU)	10.00	10.03	25.94	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	98.1		
	800	796		
	10	9.96		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/25/25

Calibrated By: Daniel Howard

Field Conditions: Partly Sunny + Foggy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Insitu	AquaTroll 11 70046
Turbidity Meter	Hach 2100 Q	~~11100470~~ 23060D000342

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	Atl Instruk
pH (SU)	4.00	24014218	1/26	↓
pH (SU)	7.00	24014266	1/26	↓
pH (SU)	10.00	24011537	1/26	↓
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	Atl Instruk

Calibration					
Time Start 0515		Time Finish 0540			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	23.74	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.35	± 0.1	GWMP
pH (SU)	7.00	7.00	24.26	± 0.1	GWMP
pH (SU)	10.00	10.00	24.60	± 0.1	GWMP
D O (%)	Before N/A 8.4mg/L	8.167	23.63	± 10%	NA
ORP (mV)	228.0	229.4	24.71	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.3	± 10% of standard	EPA 2023
	100	99.7		
	800	800		
	CK 10	10.3		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4291	25.61	± 10% of standard	EPA 2023
pH (SU)	4.00	3.93	25.69	± 0.1	GWMP
pH (SU)	7.00	7.08	26.11	± 0.1	GWMP
pH (SU)	10.00	10.06	26.18	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	101		
	800	830		
	10	10.1		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/24/25

Calibrated By:

Field Conditions: Sunny 85°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1080306
Turbidity Meter	Hach	13040604490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	Air
pH (SU)	4.00	" "	01/2026	
pH (SU)	7.00	24014266	01/2026	
pH (SU)	10.00	24011537	01/2626	
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	22.33	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	22.21	± 0.1	GWMP
pH (SU)	7.00	7.02	22.31	± 0.1	GWMP
pH (SU)	10.00	10.05	22.28	± 0.1	GWMP
D.O. (%)	N/A	100	25.87	± 10%	NA
ORP (mV)	228.0	230.8	22.29	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.1	± 10% of standard	EPA 2023
	20	22.8		
	100	105		
	800	797		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4707	26.16	± 10% of standard	EPA 2023
pH (SU)	4.00	4.029	26.2	± 0.1	GWMP
pH (SU)	7.00	7.014	24.27	± 0.1	GWMP
pH (SU)	10.00	10.05	24.09	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.5	± 10% of standard	EPA 2023
	20	23.1		
	100	102		
	800	819		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/24/25

Calibrated By: JCT

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In-Situ Aquatroll	1080300
Turbidity Meter	HACH 2100Q	15030C39370

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490		01/2026	
pH (SU)	4.00	24014218	01/2026	Air
pH (SU)	7.00	24014266	01/2026	Air
pH (SU)	10.00	24011637	01/2026	Air
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	Air

Calibration

Time Start: _____ Time Finish: _____

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4545	25.85	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	26.05	± 0.1	GWMP
pH (SU)	7.00	7.02	26.42	± 0.1	GWMP
pH (SU)	10.00	10.06	26.57	± 0.1	GWMP
D.O. (%)	N/A	102.0	23.81	± 10%	NA
ORP (mV)	228.0	222.5	25.87	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	~~9.85~~ ~~10.2~~ 9.94	± 10% of standard	EPA 2023
	20	~~20.3~~ 19.1		
	100	96.16		
	800	788		

Calibration Check

Time Start: _____ Time Finish: _____

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	5000	25.66	± 10% of standard	EPA 2023
pH (SU)	4.00	4.4	26.17	± 0.1	GWMP
pH (SU)	7.00	7.02	26.66	± 0.1	GWMP
pH (SU)	10.00	10.07	26.17	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.9	± 10% of standard	EPA 2023
	100	99.6		
	800	786		
	10	9.41		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 07/24/25

Calibrated By: _____

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter	~~HACH~~ HACH	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014716	01/2026	AIR
pH (SU)	4.00	24014218 VB	01/2026	AIR
pH (SU)	7.00	~~2249016?~~ VB	01/2026	AIR
pH (SU)	10.00	24011557	01/2026	AIR
D O (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	AIR

lot # = 24014266

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4285	24.34	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	24.44	± 0.1	GWMP
pH (SU)	7.00	7.0	24.12	± 0.1	GWMP
pH (SU)	10.00	10.0	23.97	± 0.1	GWMP
D O (%)	N/A	106.2	24.54	± 10%	NA
ORP (mV)	228.0	206.4		± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.1	± 10% of standard	EPA 2023
	100	101		
	800	807		
	10	9.36		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4454	28.31	± 10% of standard	EPA 2023
pH (SU)	4.00	4.041	28.31	± 0.1	GWMP
pH (SU)	7.00	6.799	28.41	± 0.1	GWMP
pH (SU)	10.00	9.936	28.43	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	~~20~~ 10 VB	~~19.1~~ 10.0 VB	± 10% of standard	EPA 2023
	~~100~~ 26 VB	~~101~~ 19.9 VB		
	~~800~~ 100 VB	~~807~~ 49.9 VB		
	~~10~~ 800 VB	~~9.36~~ 805 VB		

Notes:

Site Name: SCS plant Scherer **Field Instrumentation Calibration Form** Date: 7/24/25

Calibrated By: LMD Field Conditions: cloudy 80F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread 400	1167968
Turbidity Meter	HACH 2100Q	22090D0Ø0239

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014219	01/2026	AR
pH (SU)	4.00	24014218	01/2026	AR
pH (SU)	7.00	24014246	01/2026	AR
pH (SU)	10.00	24011537	01/2026	AR
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	AR

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4471	25.60	± 10% of standard	EPA 2023
pH (SU)	4.00	4.039	25.88	± 0.1	GWMP
pH (SU)	7.00	7.022	26.23	± 0.1	GWMP
pH (SU)	10.00	10.04	26.23	± 0.1	GWMP
D.O. (%)	N/A	99.43%	8.536 mg/L 23.78°	± 10%	NA
ORP (mV)	228.0	221.0	26.11	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.54	± 10% of standard	EPA 2023
	20	19.8		
	100	98.9		
	800	854		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4500	25.77	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	26.11	± 0.1	GWMP
pH (SU)	7.00	6.96	26.22	± 0.1	GWMP
pH (SU)	10.00	6.01	26.01	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.61	± 10% of standard	EPA 2023
	100	101		
	800	806		
	10	9.94		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/24/25

Calibrated By: DCB

Field Conditions: Sunny 80° F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread	10802-23
Turbidity Meter	HACH	23100D000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	H.R
pH (SU)	4.00	"	"	"
pH (SU)	7.00	24019266	01/2026	
pH (SU)	10.00	24011537	01/2026	
D.O. (%)	N/A	—	—	
ORP (mV)	228.0	22490162	01/2026	

Calibration					
Time Start 1015		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4398	23.81	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03 ~~4.00~~	~~24.17~~ 24.06	± 0.1	GWMP
pH (SU)	7.00	7.02	24.11	± 0.1	GWMP
pH (SU)	10.00	10.07	24.10	± 0.1	GWMP
D.O. (%)	N/A	96.98	24.12	± 10%	NA
ORP (mV)	228.0	225.8	24.10	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.3	± 10% of standard	EPA 2023
	100	99.8		
	800	794		
	10	9.70		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4523	26.10	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	26.22	± 0.1	GWMP
pH (SU)	7.00	6.98	26.31	± 0.1	GWMP
pH (SU)	10.00	10.10	26.41	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	108		
	800	822		
	10	9.99		

Notes:

Site Name ~~ATCO~~ Scherer

Field Instrumentation Calibration Form

Date 7.23.25

Calibrated By JS

Field Conditions: 76 cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Hach	150300039320
Turbidity Meter	Aquafluor	1090309

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	Say	Say	Say
pH (SU)	4.00			
pH (SU)	7.00			
pH (SU)	10.00			
D.O. (%)	N/A			
ORP (mV)	228.0			

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4462	23.92	± 10% of standard	EPA 2023
pH (SU)	4.00	4.11	23.95	± 0.1	GWMP
pH (SU)	7.00	7.09	24.20	± 0.1	GWMP
pH (SU)	10.00	10.07	24.81	± 0.1	GWMP
D.O. (%)	N/A	94.94	24.77	± 10%	NA
ORP (mV)	228.0	220.8	24.47	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	99.6		
	~~793~~ 800	793		
	10	10.1		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4501	25.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02		± 0.1	GWMP
pH (SU)	7.00	7.03		± 0.1	GWMP
pH (SU)	10.00	10.02		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21.-	± 10% of standard	EPA 2023
	100	102		
	800	806		
	10	9.9		

Notes:

Site Name: SCH

Field Instrumentation Calibration Form

Date: 8/1/25

Calibrated By: JD

Field Conditions: Sunny 90s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	YSI	24F
Turbidity Meter	"	"

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490			YSI
pH (SU)	4.00			"
pH (SU)	7.00			
pH (SU)	10.00			
D.O. (%)	N/A			
ORP (mV)	228.0			

SAX

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4545	23.18	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	23.16	± 0.1	GWMP
pH (SU)	7.00	7.02	23.18	± 0.1	GWMP
pH (SU)	10.00	10.01	22.94	± 0.1	GWMP
D.O. (%)	N/A	95.7	22.94	± 10%	NA
ORP (mV)	228.0	227.4	22.78	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	110		
	800	892		
	10	9.99		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4367	25.63	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	25.78	± 0.1	GWMP
pH (SU)	7.00	7.03	25.88	± 0.1	GWMP
pH (SU)	10.00	9.97	26.11	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	18.9	± 10% of standard	EPA 2023
	100	106		
	800	811		
	10	9.98		

Notes:

Site Name: SCH

Field Instrumentation Calibration Form

Date: 7/31/25

Calibrated By: JS

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Say	Say
Turbidity Meter	1	1

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	SAY	SAY	Say
pH (SU)	4.00			
pH (SU)	7.00			
pH (SU)	10.00			
D.O. (%)	N/A			
ORP (mV)	228.0			

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4564	23.36	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	23.35	± 0.1	GWMP
pH (SU)	7.00	6.95	23.27	± 0.1	GWMP
pH (SU)	10.00	9.99	23.24	± 0.1	GWMP
D.O. (%)	N/A	99.2	23.27	± 10%	NA
ORP (mV)	228.0	226.4	23.22	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.55	± 10% of standard	EPA 2023
	20	22.6		
	100	102		
	800	880		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4500	25.60	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.77	± 0.1	GWMP
pH (SU)	7.00	7.01	25.63	± 0.1	GWMP
pH (SU)	10.00	10.00	25.71	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.0	± 10% of standard	EPA 2023
	100	103		
	800	807		
	10	9.89		

Notes:

Site Name: SCH

Field Instrumentation Calibration Form

Date: 7/30/25

Calibrated By: JS

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	SAY	SAY
Turbidity Meter		

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	SAY	SAY	SAY
pH (SU)	4.00			
pH (SU)	7.00			
pH (SU)	10.00			
D.O. (%)	N/A			
ORP (mV)	228.0			

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4387	22.79	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	23.00	± 0.1	GWMP
pH (SU)	7.00	7.04	22.73	± 0.1	GWMP
pH (SU)	10.00	10.05	22.90	± 0.1	GWMP
D.O. (%)	N/A	93.9%	22.52	± 10%	NA
ORP (mV)	228.0	226.2	22.77	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.5	± 10% of standard	EPA 2023
	100	98.5		
	800	776		
	10	10.2		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4450	25.66	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	25.71	± 0.1	GWMP
pH (SU)	7.00	6.98	25.68	± 0.1	GWMP
pH (SU)	10.00	9.99	25.69	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21	± 10% of standard	EPA 2023
	100	104		
	800	806		
	10	10.06		

Notes:

Hach: 2310D000373

Site Name: SCH

Field Instrumentation Calibration Form

Date: 7/24/25

Calibrated By: JD

Field Conditions: Sunny

SAY: Same as yesterday

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	SAY	SAY
Turbidity Meter		

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	SAY	SAY	SAY
pH (SU)	4.00			
pH (SU)	7.00			
pH (SU)	10.00			
D.O. (%)	N/A			
ORP (mV)	228.0			

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4429	22.99	± 10% of standard	EPA 2023
pH (SU)	4.00	3.99	22.98	± 0.1	GWMP
pH (SU)	7.00	6.99	22.91	± 0.1	GWMP
pH (SU)	10.00	9.93	22.95	± 0.1	GWMP
D.O. (%)	N/A	100.3	23.11	± 10%	NA
ORP (mV)	228.0	233.5	22.96	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21.9	± 10% of standard	EPA 2023
	100	102		
	800	792		
	10	10.1		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4601	23.71	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	23.82	± 0.1	GWMP
pH (SU)	7.00	7.01	23.66	± 0.1	GWMP
pH (SU)	10.00	10.01	23.76	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	98		
	800	791		
	10	9.98		

Notes:

Site Name: Scherer

Field Instrumentation Calibration Form

Date: 7/28/25

Calibrated By: JS

Field Conditions: Sunny 90s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AIR	~~[illegible]~~ 868238
Turbidity Meter	HACH	23100 D000373

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24041218	01/26	AIR
pH (SU)	4.00	1	1	1
pH (SU)	7.00	24041266	01/26	1
pH (SU)	10.00	24011557	01/26	1
D.O. (%)	N/A	-	-	1
ORP (mV)	228.0	22490862	01/26	1

Calibration					
Time Start		Time Finish 1455			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	5158	25.25	± 10% of standard	EPA 2023
pH (SU)	4.00	4.025	26.25	± 0.1	GWMP
pH (SU)	7.00	6.971	25.97	± 0.1	GWMP
pH (SU)	10.00	10.00	25.73	± 0.1	GWMP
D.O. (%)	N/A	105.9%	25.47	± 10%	NA
ORP (mV)	228.0	232.7	25.97	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.4	± 10% of standard	EPA 2023
	100	99.4		
	800	804		
	10	9.94		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4551	25.62	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	25.71	± 0.1	GWMP
pH (SU)	7.00	7.01	25.65	± 0.1	GWMP
pH (SU)	10.00	9.98	25.66	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19	± 10% of standard	EPA 2023
	100	99		
	800	796		
	10	9.9		

Notes:

Site Name: Mint Sawyer

Field Instrumentation Calibration Form

Date: 7/23/25

Calibrated By: DCB

Field Conditions: Sunny 85+f

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread	1080306
Turbidity Meter	Hach	231100C00009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/26	ATR
pH (SU)	4.00	"	"	
pH (SU)	7.00	24014266	01/26	
pH (SU)	10.00	24011537	01/26	
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/26	

Calibration					
Time Start 0745		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	23.69	4574	± 10% of standard	EPA 2023
pH (SU)	4.00	23.78	3.999	± 0.1	GWMP
pH (SU)	7.00	23.76	6.954	± 0.1	GWMP
pH (SU)	10.00	23.87	10.01	± 0.1	GWMP
D.O. (%)	N/A	23.87	99.10	± 10%	NA
ORP (mV)	228.0	23.82	213.2	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.8	± 10% of standard	EPA 2023
	100	99.3		
	800	796		
	10	9.39		

Calibration Check					
Time Start 1545		Time Finish 1600			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	24.42	4987	± 10% of standard	EPA 2023
pH (SU)	4.00	24.43	4.07	± 0.1	GWMP
pH (SU)	7.00	23.95	6.99	± 0.1	GWMP
pH (SU)	10.00	23.67	10.02	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	102		
	800	797		
	10	9.54		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/24/25

Calibrated By: Daniel Howard

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter In Situ	AquaTroll	1170046
Turbidity Meter	Hach2100Q	23060D001342

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	AH Insta
pH (SU)	4.00	24014218	1/26	↓
pH (SU)	7.00	24014266	1/26	
pH (SU)	10.00	24011537	1/26	
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	AH Insta

Calibration

Time Start: 0520 Time Finish: 0543

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4457	23.52	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.58	± 0.1	GWMP
pH (SU)	7.00	7.00	24.08	± 0.1	GWMP
pH (SU)	10.00	10.00	24.21	± 0.1	GWMP
D.O. (%) 8.492	N/A	8.281	23.04	± 10%	NA
ORP (mV)	228.0	230.1	24.28	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.5	± 10% of standard	EPA 2023
	100	100		
	800	800		
	ck 10	10.6		

Calibration Check

Time Start: 1541 Time Finish: 1550

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4424	29.10	± 10% of standard	EPA 2023
pH (SU)	4.00	4.019	29.10	± 0.1	GWMP
pH (SU)	7.00	6.999	28.36	± 0.1	GWMP
pH (SU)	10.00	9.944	28.22	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.7	± 10% of standard	EPA 2023
	100	100		
	800	786		
	ck 10	10.5		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/23/25

Calibrated By: Daniel Howard

Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter In situ	Aqua Troll	1170046
Turbidity Meter Hach2100Q		23060C010342

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24019218	1/26	At I Insta
pH (SU)	4.00	24014217	1/26	↓
pH (SU)	7.00	24014216	1/26	↓
pH (SU)	10.00	24011537	1/26	↓
D.O. (%)	N/A	—	—	
ORP (mV)	228.0	24490162	1/26	At I Insta

Calibration

Time Start 0830 Time Finish 0900

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	24.47	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	24.50	± 0.1	GWMP
pH (SU)	7.00	7.0	24.25	± 0.1	GWMP
pH (SU)	10.00	10.0	24.32	± 0.1	GWMP
D.O. (%)	N/A (8.345)	8.039	24.56	± 10%	NA
ORP (mV)	228.0	230.2	24.19	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU) A4025	20	20.1	± 10% of standard	EPA 2023
A4255	100	100		
A4176	800	797		
A4276	CK 10	10.2		

Calibration Check

Time Start 1700 Time Finish 1720

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4494	23.97	± 10% of standard	EPA 2023
pH (SU)	4.00	4.004	23.97	± 0.1	GWMP
pH (SU)	7.00	6.989	24.55	± 0.1	GWMP
pH (SU)	10.00	10.03	24.69	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20.0	20.1	± 10% of standard	EPA 2023
	100	99.7		
	800	791		
	CK 10	10.3		

Notes:

Site Name: SCS plant scherer **Field Instrumentation Calibration Form** Date: 7/23/2025

Calibrated By: LND. Field Conditions: Rainy 78°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	1167968
Turbidity Meter	HACH 2100Q	22090 D0902 39

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	AIR
pH (SU)	4.00	24014218	01/2026	AIR
pH (SU)	7.00	24014266	01/2026	AIR
pH (SU)	10.00	24011537	01/2026	AIR
D.O. (%)	N/A			
ORP (mV)	228.0	22490162	01/2026	AIR

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4480	22.76	± 10% of standard	EPA 2023
pH (SU)	4.00	4.085	23.08	± 0.1	GWMP
pH (SU)	7.00	7.071	23.25	± 0.1	GWMP
pH (SU)	10.00	10.09	23.34	± 0.1	GWMP
D.O. (%)	N/A	8.747 mg/L	100.9% 22.03	± 10%	NA
ORP (mV)	228.0	225.1	23.42	± 10	EPA 2023

LOT #
A4247
A4257
A4248
A4257

Exp:
12/25
12/25
12/25
12/25

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.35	± 10% of standard	EPA 2023
	20	20.7		
	100	104.0		
	800	744		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4487	32.62	± 10% of standard	EPA 2023
pH (SU)	4.00	4.032	33.05	± 0.1	GWMP
pH (SU)	7.00	6.942	32.43	± 0.1	GWMP
pH (SU)	10.00	9.933	32.57	± 0.1	GWMP

Turbidity (NTU)	Standard	Calibration Value	Acceptance Criteria	Reference
	10	9.83	± 10% of standard	EPA 2023
	20	21.1		
	100	101		
	800	785		

Notes:

Site Name: Plant Scherer **Field Instrumentation Calibration Form** Date: 7/28/25

Calibrated By: Daniel Howard Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In Situ	AquaTroll 1170046
Turbidity Meter	Hach	2100Q 23060D000342

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	Atl Instru
pH (SU)	4.00	24014218	1/26	↓
pH (SU)	7.00	24014266	1/26	↓
pH (SU)	10.00	24014537	1/26	↓
D.O. (%)	N/A			—
ORP (mV)	228.0	24014016	1/26	Atl Instru

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	24.01	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.97	± 0.1	GWMP
pH (SU)	7.00	7.00	23.92	± 0.1	GWMP
pH (SU)	10.00	10.00	23.93	± 0.1	GWMP
D.O. (%) 99.31	N/A	7.900	24.96	± 10%	NA
ORP (mV)	228.0	230.6	23.83	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.5	± 10% of standard	EPA 2023
	100	99.5		
	800	791		
	10	10.0		

Calibration Check					
Time Start 1600		Time Finish 1615			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4541	28.03	± 10% of standard	EPA 2023
pH (SU)	4.00	4.021	28.02	± 0.1	GWMP
pH (SU)	7.00	6.999	28.19	± 0.1	GWMP
pH (SU)	10.00	9.955	28.14	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.5	± 10% of standard	EPA 2023
	100	100		
	800	781		
	ck 10	9.85		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/29/25

Calibrated By: Daniel Howard

Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter Instrum	AquaTroll	170846
Turbidity Meter	Hach 2100Q	23060000342

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1126	A+I Instrum
pH (SU)	4.00	24014218	1126	↓
pH (SU)	7.00	24014266	1126	
pH (SU)	10.00	24011537	1126	
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1126	A+I Instrum

Calibration					
Time Start 0510		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	23.30	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.25	± 0.1	GWMP
pH (SU)	7.00	7.00	23.48	± 0.1	GWMP
pH (SU)	10.00	10.00	23.75	± 0.1	GWMP
D.O. (%) 101.1	N/A	8.18	23.50	± 10%	NA
ORP (mV)	228.0	230.3	DH24.00 23.97	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.8	± 10% of standard	EPA 2023
	100	101		
	800	803		
	CK 10	10.1		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4520	28.17	± 10% of standard	EPA 2023
pH (SU)	4.00	4.051	28.17	± 0.1	GWMP
pH (SU)	7.00	7.021	27.71	± 0.1	GWMP
pH (SU)	10.00	9.980	27.67	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	98.9		
	800	782		
	CK 10	10.0		

Notes:

Site Name Plant Scherer

Field Instrumentation Calibration Form

Date 07/29/25

Calibrated By JCT

Field Conditions Sunny, Hot

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	1080293
Turbidity Meter	HACH 2100Q	231000000368

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	Air
pH (SU)	4.00	24014818	↓	↓
pH (SU)	7.00	24014704		
pH (SU)	10.00	24011537		
D.O. (%)	N/A			
ORP (mV)	228.0	22490167	01/2026	Air

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4749	23.07	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	23.19	± 0.1	GWMP
pH (SU)	7.00	7.03	23.21	± 0.1	GWMP
pH (SU)	10.00	10.02	23.27	± 0.1	GWMP
D.O. (%)	N/A	103.0%	22.98	± 10%	NA
ORP (mV)	228.0	229.4	23.25	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.92	± 10% of standard	EPA 2023
	20	21.8		
	100	107		
	800	851		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4747	23.43	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	23.25	± 0.1	GWMP
pH (SU)	7.00	6.99	23.00	± 0.1	GWMP
pH (SU)	10.00	10.00	22.86	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.94	± 10% of standard	EPA 2023
	20	19.7		
	100	98.0		
	800	791		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/21/25

Calibrated By: DH

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1174603
Turbidity Meter	Hach	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014215	01/2026	AIR
pH (SU)	4.00	↓	↓	↓
pH (SU)	7.00	24014266		
pH (SU)	10.00	24014537		
D.O. (%)	N/A			
ORP (mV)	228.0	24090162		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4473	24.02	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	24.26	± 0.1	GWMP
pH (SU)	7.00	7.0	24.99	± 0.1	GWMP
pH (SU)	10.00	10.0	24.55	± 0.1	GWMP
D.O. (%)	N/A	103.0	22.84	± 10%	NA
ORP (mV)	228.0	228.6	24.33	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20.0	19.9	± 10% of standard	EPA 2023
	100	100		
	800	805		
	10	9.31		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4503	21.96	± 10% of standard	EPA 2023
pH (SU)	4.00	4.012	23.96	± 0.1	GWMP
pH (SU)	7.00	7.00	23.71	± 0.1	GWMP
pH (SU)	10.00	9.935	23.35	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	1.0	9.73	± 10% of standard	EPA 2023
	20	20.4		
	100	99.6		
	800	794		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/29/25

Calibrated By: EEA

Field Conditions: Sunny 85°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll	638306
Turbidity Meter	HACH	1S040C046490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24019218	1/26	AIR
pH (SU)	4.00	" "		
pH (SU)	7.00	24019266		
pH (SU)	10.00	24011537		
D.O. (%)	N/A			
ORP (mV)	228.0	22490162		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4312	22.65	± 10% of standard	EPA 2023
pH (SU)	4.00	4.016	22.68	± 0.1	GWMP
pH (SU)	7.00	6.97	22.64	± 0.1	GWMP
pH (SU)	10.00	10.06	22.63	± 0.1	GWMP
D.O. (%)	N/A	98.419	22.57	± 10%	NA
ORP (mV)	228.0	232	22.68	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.46	± 10% of standard	EPA 2023
	20	19.8		
	100	98.5		
	800	804		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4380	26.2	± 10% of standard	EPA 2023
pH (SU)	4.00	4.02	26.2	± 0.1	GWMP
pH (SU)	7.00	7.07	26.3	± 0.1	GWMP
pH (SU)	10.00	10.01	25.9	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.4	± 10% of standard	EPA 2023
	20	19.9		
	100	99.1		
	800	798		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/30/25

Calibrated By: Daniel Howard

Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter Insitu	AquaTroll	1170046
Turbidity Meter	Hach 2100 Q	23060300342

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4.490	24014218	1/26	Atl Instru
pH (SU)	4.00	24014218	1/26	↓
pH (SU)	7.00	24014266	1/26	↓
pH (SU)	10.00	24015537	1/26	↓
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	Atl Instru

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4490	23.70	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.91	± 0.1	GWMP
pH (SU)	7.00	7.00	24.20	± 0.1	GWMP
pH (SU)	10.00	10.00	24.51	± 0.1	GWMP
D.O. (%) ±0.1	N/A	8.348	22.43	± 10%	NA
ORP (mV)	228.0	230.0	24.34	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.7	± 10% of standard	EPA 2023
	100	100		
	800	797		
	CK 10	10.2		

Calibration Check					
Time Start 1605		Time Finish 1620			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4.490	4436	29.82	± 10% of standard	EPA 2023
pH (SU)	4.00	4.047	29.82	± 0.1	GWMP
pH (SU)	7.00	7.038	28.67	± 0.1	GWMP
pH (SU)	10.00	9.994	28.01	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.3	± 10% of standard	EPA 2023
	100	101		
	800	783		
	CK 10	10.2		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/30/25

Calibrated By: EFA

Field Conditions: _____

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	11J7603
Turbidity Meter	HACH	231100000009

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	AIR
pH (SU)	4.00	"	"	"
pH (SU)	7.00	24014266	"	"
pH (SU)	10.00	24011537	"	"
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	"	"

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4467	23.15	± 10% of standard	EPA 2023
pH (SU)	4.00	4.0	23.39	± 0.1	GWMP
pH (SU)	7.00	7.0	23.36	± 0.1	GWMP
pH (SU)	10.00	10.6	23.49	± 0.1	GWMP
D.O. (%)	N/A	99.3	22.68	± 10%	NA
ORP (mV)	228.0	230.1		± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.0	± 10% of standard	EPA 2023
	100	99.7		
	800	800		
	10	9.27		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4619	30.93	± 10% of standard	EPA 2023
pH (SU)	4.00	4.050	"	± 0.1	GWMP
pH (SU)	7.00	6.997	31.40	± 0.1	GWMP
pH (SU)	10.00	9.921	30.74	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.29	± 10% of standard	EPA 2023
	20	20.0		
	100	99.2		
	800	792		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/30/25

Calibrated By: EEA

Field Conditions: Sunny 90 °F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread	10803046
Turbidity Meter	HACH	1540C044490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240/4218	1/20/26	AQR
pH (SU)	4.00	11 11	↓	↓
pH (SU)	7.00	240/4266		
pH (SU)	10.00	2401/537		
D.O. (%)	N/A			
ORP (mV)	228.0	229c162		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4270	22.68	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	22.87	± 0.1	GWMP
pH (SU)	7.00	6.992	22.82	± 0.1	GWMP
pH (SU)	10.00	9.953	22.84	± 0.1	GWMP
D.O. (%)	N/A	97.24	22.92	± 10%	NA
ORP (mV)	228.0	231.1	22.91	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.1	± 10% of standard	EPA 2023
	20	20.1		
	100	101		
	600	595		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4371	24.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	24.67	± 0.1	GWMP
pH (SU)	7.00	6.98	24.51	± 0.1	GWMP
pH (SU)	10.00	10.02	24.81	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.9	± 10% of standard	EPA 2023
	20	18.9		
	100	101		
	800	804		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/31/25

Calibrated By: ESA

Field Conditions: Sunny 80°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll	1050306
Turbidity Meter	HACH	15040C040490

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	~~4269~~	~~22.2~~	ASR
pH (SU)	4.00	24014218	1/2026	↓
pH (SU)	7.00	24014266	1/2026	
pH (SU)	10.00	24014537	1/2026	
D.O. (%)	N/A			
ORP (mV)	228.0	22490168	1/2026	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4269	22.30	± 10% of standard	EPA 2023
pH (SU)	4.00	4.032	22.30	± 0.1	GWMP
pH (SU)	7.00	6.98	22.34	± 0.1	GWMP
pH (SU)	10.00	9.99	22.44	± 0.1	GWMP
D.O. (%)	N/A	108.5	22.34	± 10%	NA
ORP (mV)	228.0	231.9	22.49	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.87	± 10% of standard	EPA 2023
	20	19.4		
	100	99.6		
	800	799		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4321	24.67	± 10% of standard	EPA 2023
pH (SU)	4.00	4.01	24.67	± 0.1	GWMP
pH (SU)	7.00	10.98	25.1	± 0.1	GWMP
pH (SU)	10.00	10.04	24.98	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.6	± 10% of standard	EPA 2023
	20	20.4		
	100	102		
	800	798		

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 7/31/25

Calibrated By: Daniel Howard

Field Conditions: Hot + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter Insitu	Aqua Troll	1170046
Turbidity Meter	Hach 2100 Q	

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	Atl Instru
pH (SU)	4.00	24017218	1/26	↓
pH (SU)	7.00	24017266	1/26	
pH (SU)	10.00	24011937	1/26	
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	Atl Instru

Calibration					
Time Start 0505		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	~~8.07~~ 4490	~~23.43~~ 23.73	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.75	± 0.1	GWMP
pH (SU)	7.00	7.00	23.92	± 0.1	GWMP
pH (SU)	10.00	10.00	24.19	± 0.1	GWMP
D.O. (%) 98.55	N/A	8.074	23.43	± 10%	NA
ORP (mV)	228.0	229.8	24.45	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.6	± 10% of standard	EPA 2023
	100	101		
	800	807		
	CK 10	10.1		

Calibration Check					
Time Start 1632		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4482	26.49	± 10% of standard	EPA 2023
pH (SU)	4.00	4.036	26.99	± 0.1	GWMP
pH (SU)	7.00	7.025	26.72	± 0.1	GWMP
pH (SU)	10.00	9.979	26.44	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	~~20.6~~ 19.8	± 10% of standard	EPA 2023
	100	~~101~~ 98.3		
	800	~~807~~ 780		
	CK 10	~~10.1~~ 9.89		

Notes:

APPENDIX A

Instrument Calibration Forms
October 2025

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 10/21/25

Calibrated By: JKT

Field Conditions:

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	1082817
Turbidity Meter	HACH	22090D000337

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/2026	Air
pH (SU)	4.00	4.90	↓	↓
pH (SU)	7.00	7.56		
pH (SU)	10.00	10.14		
D.O. (%)	N/A	97.54%		
ORP (mV)	228.0	229.9		

JT

24014218 4.0
7.0
10.0

Calibration

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	3591	17.38	± 10% of standard	EPA 2023
pH (SU)	4.00	4.90	18.14	± 0.1	GWMP
pH (SU)	7.00	7.56	18.20	± 0.1	GWMP
pH (SU)	10.00	10.14	18.21	± 0.1	GWMP
D.O. (%)	N/A	97.54%	18.10	± 10%	NA
ORP (mV)	228.0	229.9	18.09	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.59	± 10% of standard	EPA 2023
	20	20.5		
	100	100		
	800	739		

Calibration Check

Time Start: Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490			± 10% of standard	EPA 2023
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10		± 10% of standard	EPA 2023
	20			
	100			
	800			

Notes:

18,~~19~~,53
20

Dissolved, water run through filter couple cycles, fill up, write on bottle field filtered

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 10/20/25

Calibrated By: MDM

Field Conditions: GOOD

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	In-Situ AQUATROLL	1177581
Turbidity Meter	HACH 2100Q	23080D000159

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/26	AIR
pH (SU)	4.00	24014218	01/26	↓
pH (SU)	7.00	24014266	01/26	
pH (SU)	10.00	24011537	01/26	
D.O. (%)	N/A	—	—	
ORP (mV)	228.0	22490162	01/26	

Calibration					
Time Start 1055		Time Finish 1110			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4487	21.06	± 10% of standard	EPA 2023
pH (SU)	4.00	4.104	21.26	± 0.1	GWMP
pH (SU)	7.00	7.038	21.36	± 0.1	GWMP
pH (SU)	10.00	10.08	21.73	± 0.1	GWMP
D.O. (%)	N/A	104.3	20.78	± 10%	NA
ORP (mV)	228.0	234.5	21.75	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.69	± 10% of standard	EPA 2023
	20	21.0		
	100	102		
	800	754		

Calibration Check					
Time Start 1300		Time Finish 1305			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4485		± 10% of standard	EPA 2023
pH (SU)	4.00	4.07		± 0.1	GWMP
pH (SU)	7.00	7.09		± 0.1	GWMP
pH (SU)	10.00	10.02		± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	10.1	± 10% of standard	EPA 2023
	20	20.4		
	100	103		
	800	759		

Notes:

Site Name: Scherer

Field Instrumentation Calibration Form

Date: 10/21/25

Calibrated By: M. MANN

Field Conditions: GOOD

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	IN-SITU AQUAMIZ4W	1177581
Turbidity Meter	HACH 2100Q	23080D000159

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	01/26	AIR
pH (SU)	4.00	24014218	↓	↓
pH (SU)	7.00	24014266		
pH (SU)	10.00	24011537		
D.O. (%)	N/A	–		
ORP (mV)	228.0	22490102		

Calibration

Time Start: 0855 Time Finish: 0910

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4643	11.01	± 10% of standard	EPA 2023
pH (SU)	4.00	3.953	11.01	± 0.1	GWMP
pH (SU)	7.00	6.999	13.07	± 0.1	GWMP
pH (SU)	10.00	10.05	14.16	± 0.1	GWMP
D.O. (%)	N/A	100.4	16.11	± 10%	NA
ORP (mV)	228.0	240.8	14.58	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	21.1	± 10% of standard	EPA 2023
	100	98.3		
	800	857		
	10	10.1		

Calibration Check

Time Start: 1325 Time Finish:

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4469	19.35	± 10% of standard	EPA 2023
pH (SU)	4.00	4.099	19.33	± 0.1	GWMP
pH (SU)	7.00	7.056	19.86	± 0.1	GWMP
pH (SU)	10.00	10.09	19.95	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	10	9.57	± 10% of standard	EPA 2023
	20	21.2		
	100	103		
	800	842		

Notes:

ORP CHECK @ 1325 : +218.5 mV (Standard: +228 mV)

APPENDIX B

Analytical Results, Data Validation Summaries and Laboratory Accreditation

APPENDIX B

Analytical Results February 2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/10/2025 5:53:01 PM

JOB DESCRIPTION

CCR - Plant Scherer Effluent

JOB NUMBER

680-262295-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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3/10/2025 5:53:01 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262295-1
Project/Site: CCR - Plant Scherer Effluent

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262295-1	SCH-FGD-EFFLUENT	Water	02/26/25 09:00	02/27/25 11:31

Job ID: 680-262295-1 — Eurofins Savannah

Job Narrative
680-262295-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The sample was received on 2/27/2025 11:31 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Client Sample ID: SCH-FGD-EFFLUENT

Lab Sample ID: 680-262295-1

Date Collected: 02/26/25 09:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0083		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:41	1
Arsenic	0.041		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:41	1
Barium	0.20		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:41	1
Beryllium	0.0024	J	0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:41	1
Cadmium	0.24		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:41	1
Chromium	0.49		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:41	1
Cobalt	0.087		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:41	1
Copper	0.18		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:41	1
Lead	0.035		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:41	1
Nickel	1.4		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:41	1
Selenium	0.15		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:41	1
Silver	0.00048	J	0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:41	1
Thallium	0.0025		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:41	1
Vanadium	0.21		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:41	1
Zinc	8.0		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	J	0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:40	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:57	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:57	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:57	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:57	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:57	1

Lab Sample ID: LCS 680-877300/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0527		mg/L		105	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0539		mg/L		108	80 - 120
Cadmium	0.0500	0.0537		mg/L		107	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.0500	0.0520		mg/L		104	80 - 120
Copper	0.101	0.105		mg/L		104	80 - 120
Lead	0.500	0.522		mg/L		104	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Selenium	0.100	0.0932		mg/L		93	80 - 120
Silver	0.0500	0.0545		mg/L		109	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120
Vanadium	0.100	0.107		mg/L		107	80 - 120
Zinc	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0503		mg/L		101	75 - 125
Arsenic	0.0024		0.100	0.106		mg/L		103	75 - 125
Barium	0.052		0.100	0.144		mg/L		92	75 - 125
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125
Cadmium	0.00049	J	0.0500	0.0536		mg/L		106	75 - 125
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125
Cobalt	0.00074	J	0.0500	0.0506		mg/L		100	75 - 125
Copper	<0.0011		0.101	0.0996		mg/L		99	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262287-A-3-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 877677 — **Prep Batch: 877300**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	<0.00021		0.500	0.516		mg/L		103	75 - 125
Nickel	0.0021		0.100	0.0994		mg/L		97	75 - 125
Selenium	0.0037	J	0.100	0.105		mg/L		102	75 - 125
Silver	<0.00039		0.0500	0.0535		mg/L		107	75 - 125
Thallium	<0.00026		0.0500	0.0505		mg/L		101	75 - 125
Vanadium	0.0033		0.100	0.107		mg/L		104	75 - 125
Zinc	0.0041	J	0.100	0.101		mg/L		97	75 - 125

Lab Sample ID: 680-262287-A-3-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 877677 — **Prep Batch: 877300**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0522		mg/L		104	75 - 125	4	20
Arsenic	0.0024		0.100	0.106		mg/L		104	75 - 125	1	20
Barium	0.052		0.100	0.152		mg/L		100	75 - 125	5	20
Beryllium	<0.00020		0.0500	0.0575		mg/L		115	75 - 125	7	20
Cadmium	0.00049	J	0.0500	0.0560		mg/L		111	75 - 125	5	20
Chromium	<0.0012		0.100	0.110		mg/L		110	75 - 125	4	20
Cobalt	0.00074	J	0.0500	0.0530		mg/L		104	75 - 125	4	20
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125	5	20
Lead	<0.00021		0.500	0.534		mg/L		107	75 - 125	3	20
Nickel	0.0021		0.100	0.104		mg/L		102	75 - 125	4	20
Selenium	0.0037	J	0.100	0.101		mg/L		97	75 - 125	5	20
Silver	<0.00039		0.0500	0.0559		mg/L		112	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0520		mg/L		104	75 - 125	3	20
Vanadium	0.0033		0.100	0.111		mg/L		108	75 - 125	4	20
Zinc	0.0041	J	0.100	0.105		mg/L		101	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878147/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 878262 — **Prep Batch: 878147**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:36	1

Lab Sample ID: LCS 680-878147/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 878262 — **Prep Batch: 878147**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00261		mg/L		104	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 680-262339-F-5-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 680-262339-F-5-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	2	20

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Metals

Prep Batch: 877300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262295-1	SCH-FGD-EFFLUENT	Total Recoverable	Water	3005A	
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262295-1	SCH-FGD-EFFLUENT	Total Recoverable	Water	6020B	877300
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	6020B	877300
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877300
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877300
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877300

Prep Batch: 878147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262295-1	SCH-FGD-EFFLUENT	Total/NA	Water	7470A	
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262295-1	SCH-FGD-EFFLUENT	Total/NA	Water	7470A	878147
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	878147
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	878147
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	878147
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878147

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Client Sample ID: SCH-FGD-EFFLUENT

Date Collected: 02/26/25 09:00
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262295-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:41	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:40	BJB	EET SAV
	Instrument ID: QuickTrace3									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262295-1
Project/Site: CCR - Plant Scherer Effluent

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3 & #4			
Project Name: CCR - Plant Scherer Effluent	Project #:			
Site:				

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - State (15) Metals	7470A - Mercury	Total Number of containers	
			Preservation Code:				D	D		
SCH-FGD-EFFLUENT	2/26/25	09:00	G	WL	N	N	X	X	1	Collected from unit #2

680-262295 Chain of Custody

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable Skin ☐ Poison B ☐ Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/27/25 830	WSP	Yolanda Duncan	2/27/25 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4/3.4

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262295-1

Login Number: 262295

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 2/27/2025 11:56:42 AM

JOB DESCRIPTION

Plant Scherer Surface Water

JOB NUMBER

680-261991-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
2/27/2025 11:56:42 AM

Authorized for release by
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Designee for
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(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261991-1	SCH-SWA-1	Water	02/17/25 11:44	02/18/25 11:37
680-261991-2	SCH-SWA-2	Water	02/17/25 15:38	02/18/25 11:37
680-261991-3	SCH-SWA-3	Water	02/17/25 12:59	02/18/25 11:37
680-261991-4	SCH-SWC-4	Water	02/17/25 14:48	02/18/25 11:37
680-261991-5	SCH-SWC-6	Water	02/17/25 13:55	02/18/25 11:37
680-261991-6	SCH-SWC-7	Water	02/17/25 14:12	02/18/25 11:37
680-261991-7	SCH-SWC-8	Water	02/17/25 13:25	02/18/25 11:37

Job ID: 680-261991-1 — Eurofins Savannah

Job Narrative
680-261991-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/18/2025 11:37 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-1

Date Collected: 02/17/25 11:44
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-1

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.6**		2.0	0.40	mg/L			02/25/25 00:01	2
Fluoride	<0.080		0.20	0.080	mg/L			02/25/25 00:01	2
Sulfate	**39**		2.0	0.80	mg/L			02/25/25 00:01	2

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:48	1
Barium	**0.054**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:48	1
Boron	**0.27**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:48	1
Calcium	**15**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:48	1
Chromium	**0.0015**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:48	1
Cobalt	**0.00030**	**J**	0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:48	1
Copper	**0.0029**		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:48	1
Lead	**0.00028**	**J**	0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:48	1
Magnesium	**5.3**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:48	1
Nickel	**0.0011**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:48	1
Potassium	**2.3**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:48	1
Sodium	**11**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:48	1
Vanadium	**0.0027**		0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:48	1
Zinc	**0.017**		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**41**		5.0	2.2	mg/L			02/22/25 02:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**41**		5.0	2.2	mg/L			02/22/25 02:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 02:06	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/21/25 14:35	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			02/25/25 10:50	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:11	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	**3.7**		1.0	0.50	mg/L			02/27/25 00:14	1

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-2

Date Collected: 02/17/25 15:38
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-2

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.5**	**J**	10	2.0	mg/L			02/25/25 00:11	10
Fluoride	<0.40		1.0	0.40	mg/L			02/25/25 00:11	10
Sulfate	**180**		10	4.0	mg/L			02/25/25 00:11	10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:56	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:56	1
Barium	**0.068**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:56	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:56	1
Boron	**1.1**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:56	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:56	1
Calcium	**33**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:56	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:56	1
Cobalt	**0.0067**		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:56	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:56	1
Magnesium	**19**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:56	1
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:56	1
Potassium	**1.4**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:56	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:56	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:56	1
Sodium	**39**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:56	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:56	1
Vanadium	**0.00074**	**J**	0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:56	1
Zinc	**0.0031**	**J**	0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 16:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**44**		5.0	2.2	mg/L			02/22/25 02:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**44**		5.0	2.2	mg/L			02/22/25 02:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 02:15	1
Total Dissolved Solids (SM 2540C-2011)	**320**		40	40	mg/L			02/21/25 14:35	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			02/25/25 10:50	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:17	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	**1.4**		1.0	0.50	mg/L			02/27/25 00:52	1

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-3

Date Collected: 02/17/25 12:59
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-3

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.0**		5.0	1.0	mg/L			02/25/25 00:21	5
Fluoride	<0.20		0.50	0.20	mg/L			02/25/25 00:21	5
Sulfate	**63**		5.0	2.0	mg/L			02/25/25 00:21	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:58	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:58	1
Barium	**0.052**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:58	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:58	1
Boron	**0.36**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:58	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:58	1
Calcium	**11**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:58	1
Chromium	**0.0013**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:58	1
Cobalt	**0.014**		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:58	1
Copper	**0.0012**	**J**	0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:58	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:58	1
Magnesium	**7.3**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:58	1
Nickel	**0.0033**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:58	1
Potassium	**1.4**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:58	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:58	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:58	1
Sodium	**19**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:58	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:58	1
Vanadium	**0.00080**	**J**	0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:58	1
Zinc	**0.011**		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 16:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**22**		5.0	2.2	mg/L			02/22/25 03:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**22**		5.0	2.2	mg/L			02/22/25 03:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 03:12	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/21/25 14:35	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			02/25/25 10:50	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:19	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	**1.1**		1.0	0.50	mg/L			02/27/25 01:09	1

Client Sample ID: SCH-SWC-4

Lab Sample ID: 680-261991-4

Date Collected: 02/17/25 14:48

Matrix: Water

Date Received: 02/18/25 11:37

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.3**		5.0	1.0	mg/L			02/25/25 00:30	5
Fluoride	<0.20		0.50	0.20	mg/L			02/25/25 00:30	5
Sulfate	**57**		5.0	2.0	mg/L			02/25/25 00:30	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 13:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 13:01	1
Barium	**0.053**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 13:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 13:01	1
Boron	**0.32**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 13:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 13:01	1
Calcium	**15**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 13:01	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 13:01	1
Cobalt	**0.0042**		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 13:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 13:01	1
Lead	**0.00023**	**J**	0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 13:01	1
Magnesium	**8.6**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 13:01	1
Nickel	**0.0012**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 13:01	1
Potassium	**1.1**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 13:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 13:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 13:01	1
Sodium	**16**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 13:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 13:01	1
Vanadium	**0.0016**	**J**	0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 13:01	1
Zinc	**0.0035**	**J**	0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 13:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 17:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/22/25 02:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/22/25 02:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 02:23	1
Total Dissolved Solids (SM 2540C-2011)	**160**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-261991-5

Date Collected: 02/17/25 13:55

Matrix: Water

Date Received: 02/18/25 11:37

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.8**		1.0	0.20	mg/L			02/25/25 01:19	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 01:19	1
Sulfate	**2.8**		1.0	0.40	mg/L			02/25/25 01:19	1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-261991-5

Date Collected: 02/17/25 13:55

Matrix: Water

Date Received: 02/18/25 11:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 13:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 13:04	1
Barium	**0.028**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 13:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 13:04	1
Boron	<0.022		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 13:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 13:04	1
Calcium	**6.4**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 13:04	1
Chromium	**0.0015**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 13:04	1
Cobalt	**0.0016**	**J**	0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 13:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 13:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 13:04	1
Magnesium	**3.8**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 13:04	1
Nickel	**0.00069**	**J**	0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 13:04	1
Potassium	**0.86**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 13:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 13:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 13:04	1
Sodium	**5.4**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 13:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 13:04	1
Vanadium	**0.0021**		0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 13:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 13:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 17:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**41**		5.0	2.2	mg/L			02/22/25 02:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**41**		5.0	2.2	mg/L			02/22/25 02:54	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 02:54	1
Total Dissolved Solids (SM 2540C-2011)	**86**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-261991-6

Date Collected: 02/17/25 14:12

Matrix: Water

Date Received: 02/18/25 11:37

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.7**	**J**	5.0	1.0	mg/L			02/25/25 01:49	5
Fluoride	<0.20		0.50	0.20	mg/L			02/25/25 01:49	5
Sulfate	**37**		5.0	2.0	mg/L			02/25/25 01:49	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:10	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:10	1
Barium	**0.050**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:10	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:10	1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-261991-6

Date Collected: 02/17/25 14:12

Matrix: Water

Date Received: 02/18/25 11:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.22**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:10	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:10	1
Calcium	**15**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:10	1
Chromium	**0.0016**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:10	1
Cobalt	**0.0012**	**J**	0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:10	1
Copper	**0.013**		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:10	1
Lead	**0.00084**	**J**	0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:10	1
Magnesium	**6.6**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:10	1
Nickel	**0.0011**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:10	1
Potassium	**1.6**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:10	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:10	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:10	1
Sodium	**12**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:10	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:10	1
Vanadium	**0.0023**		0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:10	1
Zinc	**0.014**		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**45**		5.0	2.2	mg/L			02/22/25 03:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**45**		5.0	2.2	mg/L			02/22/25 03:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 03:29	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/21/25 14:35	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			02/25/25 10:50	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:21	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	**2.7**		1.0	0.50	mg/L			02/27/25 01:28	1

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-261991-7

Date Collected: 02/17/25 13:25

Matrix: Water

Date Received: 02/18/25 11:37

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.0**		1.0	0.20	mg/L			02/25/25 02:57	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 02:57	1
Sulfate	**99**		5.0	2.0	mg/L			02/25/25 14:20	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:12	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:12	1
Barium	**0.058**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:12	1

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWC-8

Date Collected: 02/17/25 13:25
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-7

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:12	1
Boron	**0.53**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:12	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:12	1
Calcium	**20**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:12	1
Chromium	**0.0013**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:12	1
Cobalt	**0.0066**		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:12	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:12	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:12	1
Magnesium	**11**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:12	1
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:12	1
Potassium	**1.2**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:12	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:12	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:12	1
Sodium	**23**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:12	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:12	1
Vanadium	**0.0013**	**J**	0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:12	1
Zinc	**0.0039**	**J**	0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 17:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**39**		5.0	2.2	mg/L			02/22/25 03:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**39**		5.0	2.2	mg/L			02/22/25 03:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 03:20	1
Total Dissolved Solids (SM 2540C-2011)	**210**		40	40	mg/L			02/21/25 14:35	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-876848/2
Matrix: Water
Analysis Batch: 876848

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/24/25 20:02	1
Fluoride	<0.040		0.10	0.040	mg/L			02/24/25 20:02	1
Sulfate	<0.40		1.0	0.40	mg/L			02/24/25 20:02	1

Lab Sample ID: LCS 680-876848/3
Matrix: Water
Analysis Batch: 876848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.89		mg/L		99	90 - 110
Fluoride	2.00	1.90		mg/L		95	90 - 110
Sulfate	10.0	10.8		mg/L		108	90 - 110

Lab Sample ID: LCSD 680-876848/4
Matrix: Water
Analysis Batch: 876848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.87		mg/L		99	90 - 110	0	15
Fluoride	2.00	1.90		mg/L		95	90 - 110	0	15
Sulfate	10.0	10.8		mg/L		108	90 - 110	0	15

Lab Sample ID: 680-261991-5 MS
Matrix: Water
Analysis Batch: 876848

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.8		10.0	13.4		mg/L		106	80 - 120
Fluoride	<0.040		2.00	1.87		mg/L		93	80 - 120
Sulfate	2.8		10.0	13.6		mg/L		107	80 - 120

Lab Sample ID: 680-261991-5 MSD
Matrix: Water
Analysis Batch: 876848

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.8		10.0	12.9		mg/L		101	80 - 120	4	15
Fluoride	<0.040		2.00	1.77		mg/L		88	80 - 120	6	15
Sulfate	2.8		10.0	12.9		mg/L		101	80 - 120	5	15

Lab Sample ID: MB 680-876912/2
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/25/25 10:02	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 10:02	1
Sulfate	<0.40		1.0	0.40	mg/L			02/25/25 10:02	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-876912/3
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.2		mg/L		102	90 - 110		
Fluoride			2.00	1.89		mg/L		94	90 - 110		
Sulfate			10.0	10.7		mg/L		107	90 - 110		

Lab Sample ID: LCSD 680-876912/4
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.2		mg/L		102	90 - 110	0	15
Fluoride			2.00	1.89		mg/L		94	90 - 110	0	15
Sulfate			10.0	10.8		mg/L		108	90 - 110	1	15

Lab Sample ID: 680-261777-D-1 MS
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	9.5		10.0	18.8		mg/L		93	80 - 120		
Fluoride	<0.040		2.00	1.78		mg/L		89	80 - 120		
Sulfate	5.4		10.0	15.6		mg/L		102	80 - 120		

Lab Sample ID: 680-261777-D-1 MSD
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.5		10.0	19.5		mg/L		101	80 - 120	4	15
Fluoride	<0.040		2.00	1.84		mg/L		92	80 - 120	3	15
Sulfate	5.4		10.0	16.2		mg/L		109	80 - 120	4	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876246/1-A
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 11:54	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 11:54	1
Barium	<0.00089		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 11:54	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 11:54	1
Boron	<0.022		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 11:54	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 11:54	1
Calcium	<0.14		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 11:54	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 11:54	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 11:54	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 11:54	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 11:54	1
Magnesium	<0.023		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 11:54	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-876246/1-A
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 11:54	1
Potassium	<0.044		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 11:54	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 11:54	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 11:54	1
Sodium	<0.20		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 11:54	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 11:54	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 11:54	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 11:54	1

Lab Sample ID: LCS 680-876246/2-A
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0507		mg/L		101	80 - 120
Arsenic	0.100	0.0982		mg/L		98	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.0500	0.0495		mg/L		99	80 - 120
Boron	0.400	0.403		mg/L		101	80 - 120
Cadmium	0.0500	0.0510		mg/L		102	80 - 120
Calcium	5.00	4.97		mg/L		99	80 - 120
Chromium	0.100	0.0993		mg/L		99	80 - 120
Cobalt	0.0500	0.0512		mg/L		102	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.504		mg/L		101	80 - 120
Magnesium	5.00	5.02		mg/L		100	80 - 120
Nickel	0.100	0.103		mg/L		103	80 - 120
Potassium	7.00	7.11		mg/L		102	80 - 120
Selenium	0.100	0.0969		mg/L		97	80 - 120
Silver	0.0500	0.0522		mg/L		104	80 - 120
Sodium	5.00	5.09		mg/L		102	80 - 120
Thallium	0.0500	0.0490		mg/L		98	80 - 120
Vanadium	0.100	0.0958		mg/L		96	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: 400-271038-E-8-B MS
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0555		mg/L		111	75 - 125
Arsenic	<0.00086		0.100	0.107		mg/L		107	75 - 125
Barium	<0.00089		0.100	0.111		mg/L		111	75 - 125
Beryllium	<0.00020		0.0500	0.0559		mg/L		112	75 - 125
Boron	0.028	J	0.400	0.465		mg/L		109	75 - 125
Cadmium	<0.000078		0.0500	0.0552		mg/L		110	75 - 125
Calcium	0.51		5.00	5.91		mg/L		108	75 - 125
Chromium	<0.0012		0.100	0.109		mg/L		109	75 - 125
Cobalt	<0.00022		0.0500	0.0562		mg/L		112	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-271038-E-8-B MS
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	<0.0011		0.101	0.113		mg/L		112	75 - 125
Lead	<0.00021		0.500	0.547		mg/L		109	75 - 125
Magnesium	0.090	J	5.00	5.71		mg/L		112	75 - 125
Nickel	<0.00042		0.100	0.113		mg/L		113	75 - 125
Potassium	0.28	J	7.00	7.96		mg/L		110	75 - 125
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125
Silver	<0.00039		0.0500	0.0561		mg/L		112	75 - 125
Sodium	1.9		5.00	7.61		mg/L		114	75 - 125
Thallium	<0.00026		0.0500	0.0543		mg/L		109	75 - 125
Vanadium	<0.00063		0.100	0.105		mg/L		105	75 - 125
Zinc	<0.0028		0.100	0.111		mg/L		111	75 - 125

Lab Sample ID: 400-271038-E-8-C MSD
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0520		mg/L		104	75 - 125	6	20
Arsenic	<0.00086		0.100	0.100		mg/L		100	75 - 125	6	20
Barium	<0.00089		0.100	0.104		mg/L		104	75 - 125	7	20
Beryllium	<0.00020		0.0500	0.0540		mg/L		108	75 - 125	4	20
Boron	0.028	J	0.400	0.456		mg/L		107	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0516		mg/L		103	75 - 125	7	20
Calcium	0.51		5.00	5.58		mg/L		101	75 - 125	6	20
Chromium	<0.0012		0.100	0.104		mg/L		104	75 - 125	5	20
Cobalt	<0.00022		0.0500	0.0526		mg/L		105	75 - 125	7	20
Copper	<0.0011		0.101	0.108		mg/L		106	75 - 125	5	20
Lead	<0.00021		0.500	0.514		mg/L		103	75 - 125	6	20
Magnesium	0.090	J	5.00	5.35		mg/L		105	75 - 125	7	20
Nickel	<0.00042		0.100	0.107		mg/L		107	75 - 125	5	20
Potassium	0.28	J	7.00	7.56		mg/L		104	75 - 125	5	20
Selenium	<0.00099		0.100	0.100		mg/L		100	75 - 125	5	20
Silver	<0.00039		0.0500	0.0533		mg/L		107	75 - 125	5	20
Sodium	1.9		5.00	7.22		mg/L		107	75 - 125	5	20
Thallium	<0.00026		0.0500	0.0506		mg/L		101	75 - 125	7	20
Vanadium	<0.00063		0.100	0.0984		mg/L		98	75 - 125	7	20
Zinc	<0.0028		0.100	0.106		mg/L		106	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-876928/1-A
Matrix: Water
Analysis Batch: 877047

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 16:40	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-876928/2-A
Matrix: Water
Analysis Batch: 877047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876928

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00273		mg/L		109	80 - 120		

Lab Sample ID: 680-261991-2 MS
Matrix: Water
Analysis Batch: 877047

Client Sample ID: SCH-SWA-2
Prep Type: Total/NA
Prep Batch: 876928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120		

Lab Sample ID: 680-261991-2 MSD
Matrix: Water
Analysis Batch: 877047

Client Sample ID: SCH-SWA-2
Prep Type: Total/NA
Prep Batch: 876928

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-876837/4
Matrix: Water
Analysis Batch: 876837

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/22/25 00:33	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/22/25 00:33	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/22/25 00:33	1

Lab Sample ID: LCS 680-876837/6
Matrix: Water
Analysis Batch: 876837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	248		mg/L		99	90 - 112		

Lab Sample ID: LCSD 680-876837/31
Matrix: Water
Analysis Batch: 876837

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	250		mg/L		100	90 - 112	1	30

Lab Sample ID: 680-261991-5 DU
Matrix: Water
Analysis Batch: 876837

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	41		38.8		mg/L		5	30
Bicarbonate Alkalinity as CaCO3	41		38.8		mg/L		5	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-261991-5 DU
Matrix: Water
Analysis Batch: 876837

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-876657/1
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/21/25 14:35	1

Lab Sample ID: LCS 680-876657/2
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2400		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-876657/3
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120	1	25

Lab Sample ID: 680-262079-A-1 DU
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	260			248		mg/L				5	5

Lab Sample ID: 680-262079-A-2 DU
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	230			230		mg/L				2	5

Method: 410.4-1993 R2.0 - COD

Lab Sample ID: MB 680-876923/3
Matrix: Water
Analysis Batch: 876923

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<5.0		10	5.0	mg/L			02/25/25 10:50	1

Method: 410.4-1993 R2.0 - COD (Continued)

Lab Sample ID: LCS 680-876923/4
Matrix: Water
Analysis Batch: 876923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chemical Oxygen Demand			50.0	49.2		mg/L		98	90 - 110		

Lab Sample ID: 680-262065-B-2 MS
Matrix: Water
Analysis Batch: 876923

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chemical Oxygen Demand	5.9	J F1	50.0	45.5	F1	mg/L		79	90 - 110		

Lab Sample ID: 680-262065-B-2 MSD
Matrix: Water
Analysis Batch: 876923

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	5.9	J F1	50.0	45.5	F1	mg/L		79	90 - 110	0	30

Method: 4500 CN E-2011 - Cyanide, Total: Colorimetric Method

Lab Sample ID: MB 680-876255/12-A
Matrix: Water
Analysis Batch: 876329

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:07	1

Lab Sample ID: LCS 680-876255/13-A
Matrix: Water
Analysis Batch: 876329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876255

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0500	0.0491		mg/L		98	90 - 110		

Lab Sample ID: 680-261991-1 MS
Matrix: Water
Analysis Batch: 876329

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA
Prep Batch: 876255

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	<0.0060		0.0500	0.0523		mg/L		105	90 - 110		

Lab Sample ID: 680-261991-1 MSD
Matrix: Water
Analysis Batch: 876329

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA
Prep Batch: 876255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.0060		0.0500	0.0485		mg/L		97	90 - 110	7	20

Method: 5310 B-2011 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-877239/2
Matrix: Water
Analysis Batch: 877239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (TOC)	<0.50		1.0	0.50	mg/L			02/26/25 22:44	1

Lab Sample ID: LCS 680-877239/3
Matrix: Water
Analysis Batch: 877239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon (TOC)			20.0	19.8		mg/L		99	80 - 120		

Lab Sample ID: LCSD 680-877239/4
Matrix: Water
Analysis Batch: 877239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon (TOC)			20.0	19.9		mg/L		99	80 - 120	0	25

Lab Sample ID: 680-261991-1 DU
Matrix: Water
Analysis Batch: 877239

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon (TOC)	3.7			3.64		mg/L				1	25

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

HPLC/IC

Analysis Batch: 876848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	300.0-1993 R2.1	
680-261991-2	SCH-SWA-2	Total/NA	Water	300.0-1993 R2.1	
680-261991-3	SCH-SWA-3	Total/NA	Water	300.0-1993 R2.1	
680-261991-4	SCH-SWC-4	Total/NA	Water	300.0-1993 R2.1	
680-261991-5	SCH-SWC-6	Total/NA	Water	300.0-1993 R2.1	
680-261991-6	SCH-SWC-7	Total/NA	Water	300.0-1993 R2.1	
680-261991-7	SCH-SWC-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-876848/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876848/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876848/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261991-5 MS	SCH-SWC-6	Total/NA	Water	300.0-1993 R2.1	
680-261991-5 MSD	SCH-SWC-6	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 876912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-7	SCH-SWC-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-876912/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876912/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876912/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261777-D-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-261777-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 876246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total Recoverable	Water	3005A	
680-261991-2	SCH-SWA-2	Total Recoverable	Water	3005A	
680-261991-3	SCH-SWA-3	Total Recoverable	Water	3005A	
680-261991-4	SCH-SWC-4	Total Recoverable	Water	3005A	
680-261991-5	SCH-SWC-6	Total Recoverable	Water	3005A	
680-261991-6	SCH-SWC-7	Total Recoverable	Water	3005A	
680-261991-7	SCH-SWC-8	Total Recoverable	Water	3005A	
MB 680-876246/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876246/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-271038-E-8-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-271038-E-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 876418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total Recoverable	Water	6020B	876246
680-261991-2	SCH-SWA-2	Total Recoverable	Water	6020B	876246
680-261991-3	SCH-SWA-3	Total Recoverable	Water	6020B	876246
680-261991-4	SCH-SWC-4	Total Recoverable	Water	6020B	876246
680-261991-5	SCH-SWC-6	Total Recoverable	Water	6020B	876246
680-261991-6	SCH-SWC-7	Total Recoverable	Water	6020B	876246
680-261991-7	SCH-SWC-8	Total Recoverable	Water	6020B	876246
MB 680-876246/1-A	Method Blank	Total Recoverable	Water	6020B	876246
LCS 680-876246/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876246
400-271038-E-8-B MS	Matrix Spike	Total Recoverable	Water	6020B	876246
400-271038-E-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	876246

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Metals

Prep Batch: 876928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	7470A	
680-261991-2	SCH-SWA-2	Total/NA	Water	7470A	
680-261991-3	SCH-SWA-3	Total/NA	Water	7470A	
680-261991-4	SCH-SWC-4	Total/NA	Water	7470A	
680-261991-5	SCH-SWC-6	Total/NA	Water	7470A	
680-261991-6	SCH-SWC-7	Total/NA	Water	7470A	
680-261991-7	SCH-SWC-8	Total/NA	Water	7470A	
MB 680-876928/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-876928/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-261991-2 MS	SCH-SWA-2	Total/NA	Water	7470A	
680-261991-2 MSD	SCH-SWA-2	Total/NA	Water	7470A	

Analysis Batch: 877047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	7470A	876928
680-261991-2	SCH-SWA-2	Total/NA	Water	7470A	876928
680-261991-3	SCH-SWA-3	Total/NA	Water	7470A	876928
680-261991-4	SCH-SWC-4	Total/NA	Water	7470A	876928
680-261991-5	SCH-SWC-6	Total/NA	Water	7470A	876928
680-261991-6	SCH-SWC-7	Total/NA	Water	7470A	876928
680-261991-7	SCH-SWC-8	Total/NA	Water	7470A	876928
MB 680-876928/1-A	Method Blank	Total/NA	Water	7470A	876928
LCS 680-876928/2-A	Lab Control Sample	Total/NA	Water	7470A	876928
680-261991-2 MS	SCH-SWA-2	Total/NA	Water	7470A	876928
680-261991-2 MSD	SCH-SWA-2	Total/NA	Water	7470A	876928

General Chemistry

Prep Batch: 876255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	Distill/CN	
680-261991-2	SCH-SWA-2	Total/NA	Water	Distill/CN	
680-261991-3	SCH-SWA-3	Total/NA	Water	Distill/CN	
680-261991-6	SCH-SWC-7	Total/NA	Water	Distill/CN	
MB 680-876255/12-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 680-876255/13-A	Lab Control Sample	Total/NA	Water	Distill/CN	
680-261991-1 MS	SCH-SWA-1	Total/NA	Water	Distill/CN	
680-261991-1 MSD	SCH-SWA-1	Total/NA	Water	Distill/CN	

Analysis Batch: 876329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	4500 CN E-2011	876255
680-261991-2	SCH-SWA-2	Total/NA	Water	4500 CN E-2011	876255
680-261991-3	SCH-SWA-3	Total/NA	Water	4500 CN E-2011	876255
680-261991-6	SCH-SWC-7	Total/NA	Water	4500 CN E-2011	876255
MB 680-876255/12-A	Method Blank	Total/NA	Water	4500 CN E-2011	876255
LCS 680-876255/13-A	Lab Control Sample	Total/NA	Water	4500 CN E-2011	876255
680-261991-1 MS	SCH-SWA-1	Total/NA	Water	4500 CN E-2011	876255
680-261991-1 MSD	SCH-SWA-1	Total/NA	Water	4500 CN E-2011	876255

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

General Chemistry

Analysis Batch: 876657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	2540C-2011	
680-261991-2	SCH-SWA-2	Total/NA	Water	2540C-2011	
680-261991-3	SCH-SWA-3	Total/NA	Water	2540C-2011	
680-261991-4	SCH-SWC-4	Total/NA	Water	2540C-2011	
680-261991-5	SCH-SWC-6	Total/NA	Water	2540C-2011	
680-261991-6	SCH-SWC-7	Total/NA	Water	2540C-2011	
680-261991-7	SCH-SWC-8	Total/NA	Water	2540C-2011	
MB 680-876657/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876657/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876657/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262079-A-1 DU	Duplicate	Total/NA	Water	2540C-2011	
680-262079-A-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 876837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	2320B-2011	
680-261991-2	SCH-SWA-2	Total/NA	Water	2320B-2011	
680-261991-3	SCH-SWA-3	Total/NA	Water	2320B-2011	
680-261991-4	SCH-SWC-4	Total/NA	Water	2320B-2011	
680-261991-5	SCH-SWC-6	Total/NA	Water	2320B-2011	
680-261991-6	SCH-SWC-7	Total/NA	Water	2320B-2011	
680-261991-7	SCH-SWC-8	Total/NA	Water	2320B-2011	
MB 680-876837/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876837/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876837/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-261991-5 DU	SCH-SWC-6	Total/NA	Water	2320B-2011	

Analysis Batch: 876923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	410.4-1993 R2.0	
680-261991-2	SCH-SWA-2	Total/NA	Water	410.4-1993 R2.0	
680-261991-3	SCH-SWA-3	Total/NA	Water	410.4-1993 R2.0	
680-261991-6	SCH-SWC-7	Total/NA	Water	410.4-1993 R2.0	
MB 680-876923/3	Method Blank	Total/NA	Water	410.4-1993 R2.0	
LCS 680-876923/4	Lab Control Sample	Total/NA	Water	410.4-1993 R2.0	
680-262065-B-2 MS	Matrix Spike	Total/NA	Water	410.4-1993 R2.0	
680-262065-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	410.4-1993 R2.0	

Analysis Batch: 877239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	5310 B-2011	
680-261991-2	SCH-SWA-2	Total/NA	Water	5310 B-2011	
680-261991-3	SCH-SWA-3	Total/NA	Water	5310 B-2011	
680-261991-6	SCH-SWC-7	Total/NA	Water	5310 B-2011	
MB 680-877239/2	Method Blank	Total/NA	Water	5310 B-2011	
LCS 680-877239/3	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCSD 680-877239/4	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	
680-261991-1 DU	SCH-SWA-1	Total/NA	Water	5310 B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-1

Date Collected: 02/17/25 11:44
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	876848	02/25/25 00:01	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:48	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 16:59	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 02:06	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	876923	02/25/25 10:50	NVF	EET SAV
	Instrument ID: SPC7									
Total/NA	Prep	Distill/CN			6 mL	6 mL	876255	02/19/25 07:02	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			876329	02/19/25 10:11	JAS	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	877239	02/27/25 00:14	KMB	EET SAV
	Instrument ID: TOC8									

Client Sample ID: SCH-SWA-2

Date Collected: 02/17/25 15:38
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	876848	02/25/25 00:11	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:56	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 16:45	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 02:15	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	876923	02/25/25 10:50	NVF	EET SAV
	Instrument ID: SPC7									
Total/NA	Prep	Distill/CN			6 mL	6 mL	876255	02/19/25 07:02	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			876329	02/19/25 10:17	JAS	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	877239	02/27/25 00:52	KMB	EET SAV
	Instrument ID: TOC8									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-3

Lab Sample ID: 680-261991-3

Date Collected: 02/17/25 12:59

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876848	02/25/25 00:21	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:58	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 16:56	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 03:12	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	876923	02/25/25 10:50	NVF	EET SAV
	Instrument ID: SPC7									
Total/NA	Prep	Distill/CN			6 mL	6 mL	876255	02/19/25 07:02	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			876329	02/19/25 10:19	JAS	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	877239	02/27/25 01:09	KMB	EET SAV
	Instrument ID: TOC8									

Client Sample ID: SCH-SWC-4

Lab Sample ID: 680-261991-4

Date Collected: 02/17/25 14:48

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876848	02/25/25 00:30	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 13:01	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 17:01	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 02:23	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-261991-5

Date Collected: 02/17/25 13:55

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876848	02/25/25 01:19	AF	EET SAV
	Instrument ID: CICP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-261991-5

Date Collected: 02/17/25 13:55

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 13:04	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 17:08	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 02:54	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-261991-6

Date Collected: 02/17/25 14:12

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876848	02/25/25 01:49	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:10	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 17:04	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 03:29	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	876923	02/25/25 10:50	NVF	EET SAV
	Instrument ID: SPC7									
Total/NA	Prep	Distill/CN			6 mL	6 mL	876255	02/19/25 07:02	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			876329	02/19/25 10:21	JAS	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	877239	02/27/25 01:28	KMB	EET SAV
	Instrument ID: TOC8									

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-261991-7

Date Collected: 02/17/25 13:25

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876848	02/25/25 02:57	AF	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	876912	02/25/25 14:20	AF	EET SAV
	Instrument ID: CICR									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWC-8

Date Collected: 02/17/25 13:25
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:12	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 17:06	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 03:20	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-261991-1
Project/Site: Plant Scherer Surface Water

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
410.4-1993 R2.0	COD	MCAWW	EET SAV
4500 CN E-2011	Cyanide, Total: Colorimetric Method	SM	EET SAV
5310 B-2011	Organic Carbon, Total (TOC)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV
Distill/CN	Distillation, Cyanide	None	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
None = None
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3 & #4			
Project Name: Plant Scherer Surface Water	Project #:			
Site:				

Analysis Requested

Loc: 680
261991

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CSURF-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	410.4 - Chemical Oxygen Demand	4500_CN_E - Cyanide, Total	5310C - TOC	Total Number of containers
			Preservation Code:				N	N	D	D	N	S	B	S	
SCH-SWA-1	2/17/25	11:44	G	WS	N	N	X	X	X	X	X	X	X	X	8
SCH-SWA-2	2/17/25	15:38	G	WS	N	N	X	X	X	X	X	X	X	X	8
SCH-SWA-3	2/17/25	12:59	G	WS	N	N	X	X	X	X	X	X	X	X	8
SCH-SWC-4	2/17/25	14:48	G	WS	N	N	X	X	X	X	X				4
SCH-SWC-6	2/17/25	13:55	G	WS	N	N	X	X	X	X	X				4
SCH-SWC-7	2/17/25	14:12	G	WS	N	N	X	X	X	X	X	X	X	X	8
~~SCG-SWC-8~~ SCH-SWC-8	2/17/25	13:25	G	WS	N	N	X	X	X	X	X				4

680-261991 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ ammable Skin ☐ Poison B ☐ hown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ eturn To Client ☐ sposal By Lab ☐ chive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN /	2/18/25 0840	WSP	Miranda Lucear	2/18/25 0840	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 1137	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.8/2.8

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261991-1

Login Number: 261991
List Number: 1
Creator: Faught, Timothy

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/11/2025 6:59:30 PM

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash Cell

JOB NUMBER

680-262298-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
3/11/2025 6:59:30 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262298-1	SCH-GWC-29	Water	02/26/25 14:13	02/27/25 11:31
680-262298-2	SCH-GWA-45	Water	02/26/25 10:25	02/27/25 11:31
680-262298-3	SCH-GWA-46	Water	02/26/25 09:46	02/27/25 11:31
680-262298-4	SCH-GWA-47	Water	02/26/25 11:01	02/27/25 11:31
680-262298-5	SCH-GWA-48	Water	02/26/25 12:24	02/27/25 11:31
680-262298-6	SCH-GWA-49	Water	02/26/25 14:11	02/27/25 11:31
680-262298-7	SCH-GWC-50	Water	02/26/25 15:27	02/27/25 11:31
680-262298-8	SCH-GWC-51	Water	02/26/25 12:45	02/27/25 11:31
680-262298-9	SCH-GWC-52	Water	02/26/25 11:40	02/27/25 11:31
680-262298-10	SCH-PAC-FB-7	Water	02/26/25 13:00	02/27/25 11:31
680-262298-11	SCH-PAC-EB-7	Water	02/26/25 10:45	02/27/25 11:31
680-262298-12	SCH-PAC-FD-8	Water	02/26/25 00:00	02/27/25 11:31
680-262298-13	SCH-PAC-FB-8	Water	02/26/25 14:25	02/27/25 11:31
680-262298-14	SCH-PAC-EB-8	Water	02/26/25 09:56	02/27/25 11:31

Job ID: 680-262298-1 — Eurofins Savannah

Job Narrative
680-262298-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/27/2025 11:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.9°C, 2.0°C, 2.1°C, 3.4°C and 4.2°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batches 680-878139 and 680-878140 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batches 680-878211 and 680-878279 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWA-45 (680-262298-2) and SCH-GWC-52 (680-262298-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWC-29
Lab Sample ID: 680-262298-1
Date Collected: 02/26/25 14:13
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.3**		1.0	0.20	mg/L			03/07/25 01:16	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 01:16	1
Sulfate	**2.0**		1.0	0.40	mg/L			03/07/25 01:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 12:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 12:40	1
Barium	**0.018**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 12:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 12:40	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 12:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 12:40	1
Calcium	**18**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 12:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 12:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 12:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 12:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 12:40	1
Magnesium	**11**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 12:40	1
Nickel	**0.0027**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 12:40	1
Potassium	**0.63**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 12:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 12:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 12:40	1
Sodium	**5.9**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 12:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 12:40	1
Vanadium	**0.0056**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 12:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 12:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**89**		5.0	2.2	mg/L			02/28/25 21:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**89**		5.0	2.2	mg/L			02/28/25 21:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:01	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-45
Lab Sample ID: 680-262298-2
Date Collected: 02/26/25 10:25
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		10	2.0	mg/L			03/07/25 14:54	10
Fluoride	<0.40		1.0	0.40	mg/L			03/07/25 14:54	10
Sulfate	**150**		10	4.0	mg/L			03/07/25 14:54	10

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-262298-2

Date Collected: 02/26/25 10:25

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:07	1
Barium	**0.052**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:07	1
Beryllium	**0.00022**	**J**	0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:07	1
Boron	**1.0**		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:07	1
Calcium	**26**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:07	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:07	1
Cobalt	**0.00072**	**J**	0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:07	1
Magnesium	**8.1**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:07	1
Nickel	**0.00053**	**J**	0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:07	1
Potassium	**2.4**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:07	1
Sodium	**48**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:07	1
Vanadium	**0.0082**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:07	1
Zinc	**0.0055**		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/28/25 21:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/28/25 21:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:55	1
Total Dissolved Solids (SM 2540C-2011)	**280**		40	40	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-262298-3

Date Collected: 02/26/25 09:46

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.8**		1.0	0.20	mg/L			03/07/25 15:04	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 15:04	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 15:04	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:01	1
Barium	**0.023**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:01	1

Client Sample ID: SCH-GWA-46

Date Collected: 02/26/25 09:46
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-3

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:01	1
Calcium	**6.1**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:01	1
Chromium	**0.0048**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:01	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:01	1
Magnesium	**3.1**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:01	1
Nickel	**0.00049**	**J**	0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:01	1
Potassium	**0.70**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:01	1
Sodium	**4.4**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:01	1
Vanadium	**0.0069**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:01	1
Zinc	**0.0035**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**33**		5.0	2.2	mg/L			02/28/25 21:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**33**		5.0	2.2	mg/L			02/28/25 21:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:32	1
Total Dissolved Solids (SM 2540C-2011)	**68**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-47

Date Collected: 02/26/25 11:01
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-4

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.8**	**F1**	1.0	0.20	mg/L			03/07/25 15:33	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/07/25 15:33	1
Sulfate	<0.40	F1	1.0	0.40	mg/L			03/07/25 15:33	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:04	1
Barium	**0.031**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:04	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 13:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:04	1
Calcium	**14**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 13:04	1
Chromium	**0.010**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:04	1

Client Sample ID: SCH-GWA-47

Date Collected: 02/26/25 11:01
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-4
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:04	1
Magnesium	**6.2**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 13:04	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:04	1
Potassium	**0.91**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 13:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:04	1
Sodium	**7.4**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 13:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:04	1
Vanadium	**0.0097**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**73**		5.0	2.2	mg/L			02/28/25 22:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**73**		5.0	2.2	mg/L			02/28/25 22:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:04	1
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-48

Date Collected: 02/26/25 12:24
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-5
Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.0**		1.0	0.20	mg/L			03/07/25 16:12	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 16:12	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 16:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:06	1
Barium	**0.014**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:06	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 13:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:06	1
Calcium	**12**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 13:06	1
Chromium	**0.0061**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:06	1
Magnesium	**5.2**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 13:06	1

Client Sample ID: SCH-GWA-48

Lab Sample ID: 680-262298-5

Date Collected: 02/26/25 12:24

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:06	1
Potassium	**0.86**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 13:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:06	1
Sodium	**5.5**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 13:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:06	1
Vanadium	**0.021**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:06	1
Zinc	**0.0044**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**63**		5.0	2.2	mg/L			02/28/25 21:24	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**63**		5.0	2.2	mg/L			02/28/25 21:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:24	1
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-49

Lab Sample ID: 680-262298-6

Date Collected: 02/26/25 14:11

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.1**		1.0	0.20	mg/L			03/07/25 16:22	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 16:22	1
Sulfate	**0.47**	**J**	1.0	0.40	mg/L			03/07/25 16:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:03	1
Barium	**0.019**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:03	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:03	1
Calcium	**14**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:03	1
Chromium	**0.0057**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:03	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:03	1
Magnesium	**6.8**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:03	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:03	1
Potassium	**0.76**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:03	1

Client Sample ID: SCH-GWA-49
Lab Sample ID: 680-262298-6
Date Collected: 02/26/25 14:11
Matrix: Water
Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**6.0**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:03	1
Vanadium	**0.026**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:03	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**76**		5.0	2.2	mg/L			02/28/25 21:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**76**		5.0	2.2	mg/L			02/28/25 21:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:10	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWC-50
Lab Sample ID: 680-262298-7
Date Collected: 02/26/25 15:27
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.9**		1.0	0.20	mg/L			03/07/25 16:32	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 16:32	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 16:32	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:05	1
Barium	**0.014**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:05	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:05	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:05	1
Calcium	**7.5**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:05	1
Chromium	**0.0032**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:05	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:05	1
Magnesium	**3.6**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:05	1
Nickel	**0.0032**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:05	1
Potassium	**0.48**	**J**	0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:05	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:05	1
Sodium	**4.9**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:05	1
Vanadium	**0.0090**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:05	1

Client Sample ID: SCH-GWC-50
Lab Sample ID: 680-262298-7

Date Collected: 02/26/25 15:27
Matrix: Water
Date Received: 02/27/25 11:31

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 23:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 23:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:05	1
Total Dissolved Solids (SM 2540C-2011)	**77**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWC-51
Lab Sample ID: 680-262298-8

Date Collected: 02/26/25 12:45
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.7**		1.0	0.20	mg/L			03/07/25 16:41	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 16:41	1
Sulfate	**4.1**		1.0	0.40	mg/L			03/07/25 16:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:55	1
Barium	**0.011**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:55	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:55	1
Calcium	**8.1**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 13:55	1
Chromium	**0.0078**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:55	1
Magnesium	**5.4**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 13:55	1
Nickel	**0.0024**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:55	1
Potassium	**0.44**	**J**	0.50	0.044	mg/L		02/28/25 04:52	03/03/25 13:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:55	1
Sodium	**4.8**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 13:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:55	1
Vanadium	**0.010**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:55	1
Zinc	**0.0040**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:11	1

Client Sample ID: SCH-GWC-51
Lab Sample ID: 680-262298-8
Date Collected: 02/26/25 12:45
Matrix: Water
Date Received: 02/27/25 11:31

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 22:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 22:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:34	1
Total Dissolved Solids (SM 2540C-2011)	**88**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWC-52
Lab Sample ID: 680-262298-9
Date Collected: 02/26/25 11:40
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.6**		2.0	0.40	mg/L			03/07/25 16:51	2
Fluoride	<0.080		0.20	0.080	mg/L			03/07/25 16:51	2
Sulfate	**94**		5.0	2.0	mg/L			03/10/25 12:14	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:29	1
Barium	**0.033**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:29	1
Boron	**0.028**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:29	1
Calcium	**27**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:29	1
Chromium	**0.026**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:29	1
Magnesium	**15**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:29	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:29	1
Potassium	**1.4**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:29	1
Sodium	**9.4**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:29	1
Vanadium	**0.014**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 21:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 21:46	1

Client Sample ID: SCH-GWC-52
Lab Sample ID: 680-262298-9
Date Collected: 02/26/25 11:40
Matrix: Water
Date Received: 02/27/25 11:31

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:46	1
Total Dissolved Solids (SM 2540C-2011)	**220**		40	40	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-FB-7
Lab Sample ID: 680-262298-10
Date Collected: 02/26/25 13:00
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 17:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 17:01	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 17:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:49	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:49	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:49	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:49	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:49	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:49	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:49	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:49	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:49	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:49	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:49	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:49	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:49	1
Vanadium	**0.0020**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:49	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:16	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:16	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:16	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-EB-7
Lab Sample ID: 680-262298-11
Date Collected: 02/26/25 10:45
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 18:39	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 18:39	1
Sulfate	<0.40	F1	1.0	0.40	mg/L			03/07/25 18:39	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 12:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 12:42	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 12:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 12:42	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 12:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 12:42	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 12:42	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 12:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 12:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 12:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 12:42	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 12:42	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 12:42	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 12:42	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 12:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 12:42	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 12:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 12:42	1
Vanadium	**0.0016**	**J**	0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 12:42	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 12:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:56	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-FD-8
Lab Sample ID: 680-262298-12
Date Collected: 02/26/25 00:00
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**	**F1 F2**	1.0	0.20	mg/L			03/08/25 14:10	1
Fluoride	<0.040	F1 F2	0.10	0.040	mg/L			03/08/25 14:10	1
Sulfate	<0.40	F1 F2	1.0	0.40	mg/L			03/08/25 14:10	1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 680-262298-12

Date Collected: 02/26/25 00:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 12:46	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 12:46	1
Barium	**0.014**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 12:46	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 12:46	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 12:46	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 12:46	1
Calcium	**7.7**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 12:46	1
Chromium	**0.0034**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 12:46	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 12:46	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 12:46	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 12:46	1
Magnesium	**3.7**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 12:46	1
Nickel	**0.0034**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 12:46	1
Potassium	**0.51**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 12:46	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 12:46	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 12:46	1
Sodium	**5.2**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 12:46	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 12:46	1
Vanadium	**0.0055**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 12:46	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 12:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 22:51	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 22:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:51	1
Total Dissolved Solids (SM 2540C-2011)	**75**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 680-262298-13

Date Collected: 02/26/25 14:25

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 19:28	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 19:28	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 19:28	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:32	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:32	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:32	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 14:09	1

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 680-262298-13

Date Collected: 02/26/25 14:25

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:32	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:32	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:32	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:32	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:32	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:32	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:32	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:32	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:32	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:32	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:32	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:32	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:32	1
Vanadium	**0.0041**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:32	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:38	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-EB-8

Lab Sample ID: 680-262298-14

Date Collected: 02/26/25 09:56

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 19:37	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 19:37	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 19:37	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:34	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 14:11	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:34	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:34	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:34	1

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Client Sample ID: SCH-PAC-EB-8

Date Collected: 02/26/25 09:56
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-14

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:34	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:34	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:34	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:34	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:34	1
Vanadium	**0.0038**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:34	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:51	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:51	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 14:16	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-878052/49
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/06/25 20:37	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 20:37	1
Sulfate	<0.40		1.0	0.40	mg/L			03/06/25 20:37	1

Lab Sample ID: LCS 680-878052/57
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.5		mg/L		105	90 - 110
Fluoride	2.00	2.03		mg/L		102	90 - 110
Sulfate	10.0	10.9		mg/L		109	90 - 110

Lab Sample ID: LCSD 680-878052/58
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	4	15
Fluoride	2.00	2.17		mg/L		108	90 - 110	6	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	3	15

Lab Sample ID: 752-30046-A-1 MS
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.9		10.0	13.7		mg/L		98	80 - 120
Fluoride	<0.040		2.00	1.98		mg/L		99	80 - 120
Sulfate	1.1		10.0	10.8		mg/L		97	80 - 120

Lab Sample ID: 752-30046-A-1 MSD
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.9		10.0	13.9		mg/L		101	80 - 120	2	15
Fluoride	<0.040		2.00	2.03		mg/L		101	80 - 120	3	15
Sulfate	1.1		10.0	11.0		mg/L		99	80 - 120	2	15

Lab Sample ID: MB 680-878139/2
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 11:51	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 11:51	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 11:51	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-878139/3
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.1		mg/L		101	90 - 110		
Fluoride			2.00	2.07		mg/L		104	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Lab Sample ID: LCSD 680-878139/4
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	0	15
Sulfate			10.0	11.0		mg/L		110	90 - 110	1	15

Lab Sample ID: 680-262298-4 MS
Matrix: Water
Analysis Batch: 878139

Client Sample ID: SCH-GWA-47
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1.8	F1	10.0	7.43	F1	mg/L		56	80 - 120		
Fluoride	<0.040	F1	2.00	0.949	F1	mg/L		47	80 - 120		
Sulfate	<0.40	F1	10.0	4.74	F1	mg/L		47	80 - 120		

Lab Sample ID: 680-262298-4 MSD
Matrix: Water
Analysis Batch: 878139

Client Sample ID: SCH-GWA-47
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.8	F1	10.0	7.88	F1	mg/L		60	80 - 120	6	15
Fluoride	<0.040	F1	2.00	1.08	F1	mg/L		54	80 - 120	13	15
Sulfate	<0.40	F1	10.0	5.40	F1	mg/L		54	80 - 120	13	15

Lab Sample ID: MB 680-878140/48
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 17:50	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 17:50	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 17:50	1

Lab Sample ID: LCS 680-878140/49
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.8		mg/L		108	90 - 110		
Fluoride			2.00	2.13		mg/L		107	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-878140/50
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.1		mg/L		101	90 - 110	7	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	3	15
Sulfate			10.0	10.9		mg/L		109	90 - 110	1	15

Lab Sample ID: 680-262298-11 MS
Matrix: Water
Analysis Batch: 878140

Client Sample ID: SCH-PAC-EB-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<0.20		10.0	9.85		mg/L		98	80 - 120		
Fluoride	<0.040		2.00	2.07		mg/L		103	80 - 120		
Sulfate	<0.40	F1	10.0	12.6	F1	mg/L		126	80 - 120		

Lab Sample ID: 680-262298-11 MSD
Matrix: Water
Analysis Batch: 878140

Client Sample ID: SCH-PAC-EB-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.20		10.0	10.8		mg/L		108	80 - 120	9	15
Fluoride	<0.040		2.00	2.20		mg/L		110	80 - 120	6	15
Sulfate	<0.40	F1	10.0	11.8		mg/L		118	80 - 120	7	15

Lab Sample ID: MB 680-878211/2
Matrix: Water
Analysis Batch: 878211

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/08/25 12:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/08/25 12:01	1
Sulfate	<0.40		1.0	0.40	mg/L			03/08/25 12:01	1

Lab Sample ID: LCS 680-878211/3
Matrix: Water
Analysis Batch: 878211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.98		mg/L		100	90 - 110		
Fluoride			2.00	2.00		mg/L		100	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Lab Sample ID: LCSD 680-878211/4
Matrix: Water
Analysis Batch: 878211

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	9.96		mg/L		100	90 - 110	0	15
Fluoride			2.00	1.97		mg/L		98	90 - 110	2	15
Sulfate			10.0	11.0		mg/L		110	90 - 110	1	15

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-262298-12 MS
Matrix: Water
Analysis Batch: 878211

Client Sample ID: SCH-PAC-FD-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.2	F1 F2	10.0	5.36	F1	mg/L		22	80 - 120
Fluoride	<0.040	F1 F2	2.00	0.457	F1	mg/L		23	80 - 120
Sulfate	<0.40	F1 F2	10.0	2.89	F1	mg/L		29	80 - 120

Lab Sample ID: 680-262298-12 MSD
Matrix: Water
Analysis Batch: 878211

Client Sample ID: SCH-PAC-FD-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.2	F1 F2	10.0	7.65	F1 F2	mg/L		45	80 - 120	35	15
Fluoride	<0.040	F1 F2	2.00	0.975	F1 F2	mg/L		49	80 - 120	72	15
Sulfate	<0.40	F1 F2	10.0	5.03	F1 F2	mg/L		50	80 - 120	54	15

Lab Sample ID: MB 680-878279/2
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/10/25 11:03	1
Fluoride	<0.040		0.10	0.040	mg/L			03/10/25 11:03	1
Sulfate	<0.40		1.0	0.40	mg/L			03/10/25 11:03	1

Lab Sample ID: LCS 680-878279/3
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	2.00	1.81		mg/L		91	90 - 110
Sulfate	10.0	11.0		mg/L		110	90 - 110

Lab Sample ID: LCSD 680-878279/4
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.78		mg/L		98	90 - 110	3	15
Fluoride	2.00	1.91		mg/L		96	90 - 110	5	15
Sulfate	10.0	10.8		mg/L		108	90 - 110	2	15

Lab Sample ID: 680-262298-9 MS
Matrix: Water
Analysis Batch: 878279

Client Sample ID: SCH-GWC-52
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.1	F1	50.0	45.3	F1	mg/L		76	80 - 120
Fluoride	<0.20	F1 F2	10.0	5.89	F1	mg/L		59	80 - 120
Sulfate	94		50.0	141		mg/L		94	80 - 120

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-262298-9 MSD
Matrix: Water
Analysis Batch: 878279

Client Sample ID: SCH-GWC-52
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.1	F1	50.0	52.4		mg/L		91	80 - 120	15	15
Fluoride	<0.20	F1 F2	10.0	6.88	F1 F2	mg/L		69	80 - 120	16	15
Sulfate	94		50.0	152		mg/L		117	80 - 120	8	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877298/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:07	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:07	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 09:07	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:07	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/04/25 09:07	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:07	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/04/25 09:07	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:07	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/04/25 09:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:07	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/04/25 09:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:07	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:07	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:07	1

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0537		mg/L		107	80 - 120
Arsenic	0.100	0.111		mg/L		111	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0589		mg/L		118	80 - 120
Boron	0.400	0.431		mg/L		108	80 - 120
Cadmium	0.0500	0.0572		mg/L		114	80 - 120
Calcium	5.00	5.23		mg/L		105	80 - 120
Chromium	0.100	0.114		mg/L		114	80 - 120
Cobalt	0.0500	0.0531		mg/L		106	80 - 120
Copper	0.101	0.107		mg/L		105	80 - 120
Lead	0.500	0.564		mg/L		113	80 - 120
Magnesium	5.00	4.78		mg/L		96	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.100	0.103		mg/L		103	80 - 120
Potassium	7.00	7.39		mg/L		106	80 - 120
Selenium	0.100	0.107		mg/L		107	80 - 120
Silver	0.0500	0.0577		mg/L		115	80 - 120
Sodium	5.00	5.25		mg/L		105	80 - 120
Thallium	0.0500	0.0539		mg/L		108	80 - 120
Vanadium	0.100	0.115		mg/L		115	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: 680-262300-E-4-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0508		mg/L		102	75 - 125
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125
Barium	0.089		0.100	0.172		mg/L		83	75 - 125
Beryllium	<0.00020		0.0500	0.0564		mg/L		113	75 - 125
Boron	0.040	J	0.400	0.434		mg/L		98	75 - 125
Cadmium	<0.000078		0.0500	0.0549		mg/L		110	75 - 125
Calcium	25		5.00	25.9	4	mg/L		24	75 - 125
Chromium	0.0041		0.100	0.110		mg/L		105	75 - 125
Cobalt	<0.00022		0.0500	0.0509		mg/L		102	75 - 125
Copper	<0.0011		0.101	0.101		mg/L		100	75 - 125
Lead	<0.00021		0.500	0.530		mg/L		106	75 - 125
Magnesium	13	F1	5.00	15.9	F1	mg/L		53	75 - 125
Nickel	0.0023		0.100	0.100		mg/L		98	75 - 125
Potassium	1.4		7.00	8.35		mg/L		99	75 - 125
Selenium	<0.00099		0.100	0.113		mg/L		113	75 - 125
Silver	<0.00039		0.0500	0.0550		mg/L		110	75 - 125
Sodium	14	F1	5.00	16.2	F1	mg/L		45	75 - 125
Thallium	<0.00026		0.0500	0.0510		mg/L		102	75 - 125
Vanadium	0.014		0.100	0.119		mg/L		105	75 - 125
Zinc	0.0035	J	0.100	0.105		mg/L		101	75 - 125

Lab Sample ID: 680-262300-E-4-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0511		mg/L		102	75 - 125	1	20
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125	1	20
Barium	0.089		0.100	0.174		mg/L		85	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0572		mg/L		114	75 - 125	1	20
Boron	0.040	J	0.400	0.430		mg/L		97	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0539		mg/L		108	75 - 125	2	20
Calcium	25		5.00	26.5	4	mg/L		35	75 - 125	2	20
Chromium	0.0041		0.100	0.111		mg/L		107	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0501		mg/L		100	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262300-E-4-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	<0.0011		0.101	0.100		mg/L		99	75 - 125	1	20
Lead	<0.00021		0.500	0.530		mg/L		106	75 - 125	0	20
Magnesium	13	F1	5.00	16.2	F1	mg/L		60	75 - 125	2	20
Nickel	0.0023		0.100	0.0983		mg/L		96	75 - 125	2	20
Potassium	1.4		7.00	8.28		mg/L		98	75 - 125	1	20
Selenium	<0.00099		0.100	0.0987		mg/L		99	75 - 125	14	20
Silver	<0.00039		0.0500	0.0544		mg/L		109	75 - 125	1	20
Sodium	14	F1	5.00	16.9	F1	mg/L		59	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.014		0.100	0.120		mg/L		106	75 - 125	0	20
Zinc	0.0035	J	0.100	0.105		mg/L		102	75 - 125	1	20

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:05	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:05	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:05	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:05	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:05	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:05	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:05	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:05	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:05	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:05	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:05	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:05	1

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:40	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877299/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0496		mg/L		99	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Barium	0.100	0.0947		mg/L		95	80 - 120
Boron	0.400	0.371		mg/L		93	80 - 120
Cadmium	0.0500	0.0523		mg/L		105	80 - 120
Calcium	5.00	4.74		mg/L		95	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0495		mg/L		99	80 - 120
Copper	0.101	0.0986		mg/L		98	80 - 120
Lead	0.500	0.514		mg/L		103	80 - 120
Magnesium	5.00	4.43		mg/L		89	80 - 120
Nickel	0.100	0.0973		mg/L		97	80 - 120
Potassium	7.00	6.86		mg/L		98	80 - 120
Selenium	0.100	0.0948		mg/L		95	80 - 120
Silver	0.0500	0.0532		mg/L		106	80 - 120
Sodium	5.00	4.73		mg/L		95	80 - 120
Thallium	0.0500	0.0493		mg/L		99	80 - 120
Vanadium	0.100	0.104		mg/L		104	80 - 120
Zinc	0.100	0.0994		mg/L		99	80 - 120

Lab Sample ID: LCS 680-877299/2-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0525		mg/L		105	80 - 120

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0511		mg/L		102	75 - 125
Arsenic	0.00096	J	0.100	0.106		mg/L		105	75 - 125
Barium	0.052		0.100	0.150		mg/L		98	75 - 125
Boron	0.026	J	0.400	0.403		mg/L		94	75 - 125
Cadmium	<0.000078		0.0500	0.0532		mg/L		106	75 - 125
Calcium	8.2		5.00	12.9		mg/L		95	75 - 125
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125
Cobalt	<0.00022		0.0500	0.0504		mg/L		101	75 - 125
Copper	0.0016	J	0.101	0.101		mg/L		99	75 - 125
Lead	<0.00021		0.500	0.524		mg/L		105	75 - 125
Magnesium	1.5		5.00	5.98		mg/L		89	75 - 125
Nickel	0.0010		0.100	0.0982		mg/L		97	75 - 125
Potassium	3.0		7.00	9.88		mg/L		98	75 - 125
Selenium	<0.00099		0.100	0.103		mg/L		103	75 - 125
Silver	<0.00039		0.0500	0.0542		mg/L		108	75 - 125
Sodium	1.8		5.00	6.54		mg/L		96	75 - 125
Thallium	<0.00026		0.0500	0.0506		mg/L		101	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	0.0031		0.100	0.108		mg/L		105	75 - 125
Zinc	0.0054		0.100	0.103		mg/L		97	75 - 125

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.00020		0.0500	0.0520		mg/L		104	75 - 125

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0526		mg/L		105	75 - 125	3	20
Arsenic	0.00096	J	0.100	0.111		mg/L		110	75 - 125	5	20
Barium	0.052		0.100	0.156		mg/L		104	75 - 125	4	20
Boron	0.026	J	0.400	0.419		mg/L		98	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0566		mg/L		113	75 - 125	6	20
Calcium	8.2		5.00	13.6		mg/L		109	75 - 125	5	20
Chromium	<0.0012		0.100	0.113		mg/L		113	75 - 125	5	20
Cobalt	<0.00022		0.0500	0.0534		mg/L		107	75 - 125	6	20
Copper	0.0016	J	0.101	0.107		mg/L		104	75 - 125	6	20
Lead	<0.00021		0.500	0.553		mg/L		111	75 - 125	6	20
Magnesium	1.5		5.00	6.32		mg/L		96	75 - 125	6	20
Nickel	0.0010		0.100	0.104		mg/L		103	75 - 125	6	20
Potassium	3.0		7.00	10.4		mg/L		105	75 - 125	5	20
Selenium	<0.00099		0.100	0.104		mg/L		104	75 - 125	1	20
Silver	<0.00039		0.0500	0.0574		mg/L		115	75 - 125	6	20
Sodium	1.8		5.00	6.61		mg/L		97	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0529		mg/L		106	75 - 125	4	20
Vanadium	0.0031		0.100	0.113		mg/L		110	75 - 125	4	20
Zinc	0.0054		0.100	0.110		mg/L		105	75 - 125	7	20

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.00020		0.0500	0.0554		mg/L		111	75 - 125	6	20

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:57	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:57	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:57	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/04/25 09:57	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:57	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/04/25 09:57	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:57	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/04/25 09:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:57	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/04/25 09:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:57	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:57	1

Lab Sample ID: LCS 680-877300/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0527		mg/L		105	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0539		mg/L		108	80 - 120
Boron	0.400	0.400		mg/L		100	80 - 120
Cadmium	0.0500	0.0537		mg/L		107	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.0500	0.0520		mg/L		104	80 - 120
Copper	0.101	0.105		mg/L		104	80 - 120
Lead	0.500	0.522		mg/L		104	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.16		mg/L		102	80 - 120
Selenium	0.100	0.0932		mg/L		93	80 - 120
Silver	0.0500	0.0545		mg/L		109	80 - 120
Sodium	5.00	5.04		mg/L		101	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120
Vanadium	0.100	0.107		mg/L		107	80 - 120
Zinc	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0503		mg/L		101	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0024		0.100	0.106		mg/L		103	75 - 125
Barium	0.052		0.100	0.144		mg/L		92	75 - 125
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125
Boron	0.12		0.400	0.493		mg/L		92	75 - 125
Cadmium	0.00049	J	0.0500	0.0536		mg/L		106	75 - 125
Calcium	40		5.00	41.1	4	mg/L		31	75 - 125
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125
Cobalt	0.00074	J	0.0500	0.0506		mg/L		100	75 - 125
Copper	<0.0011		0.101	0.0996		mg/L		99	75 - 125
Lead	<0.00021		0.500	0.516		mg/L		103	75 - 125
Magnesium	23		5.00	26.0	4	mg/L		53	75 - 125
Nickel	0.0021		0.100	0.0994		mg/L		97	75 - 125
Potassium	0.31	J	7.00	7.30		mg/L		100	75 - 125
Selenium	0.0037	J	0.100	0.105		mg/L		102	75 - 125
Silver	<0.00039		0.0500	0.0535		mg/L		107	75 - 125
Sodium	23		5.00	25.5	4	mg/L		44	75 - 125
Thallium	<0.00026		0.0500	0.0505		mg/L		101	75 - 125
Vanadium	0.0033		0.100	0.107		mg/L		104	75 - 125
Zinc	0.0041	J	0.100	0.101		mg/L		97	75 - 125

Lab Sample ID: 680-262287-A-3-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0522		mg/L		104	75 - 125	4	20
Arsenic	0.0024		0.100	0.106		mg/L		104	75 - 125	1	20
Barium	0.052		0.100	0.152		mg/L		100	75 - 125	5	20
Beryllium	<0.00020		0.0500	0.0575		mg/L		115	75 - 125	7	20
Boron	0.12		0.400	0.497		mg/L		93	75 - 125	1	20
Cadmium	0.00049	J	0.0500	0.0560		mg/L		111	75 - 125	5	20
Calcium	40		5.00	45.2	4	mg/L		113	75 - 125	9	20
Chromium	<0.0012		0.100	0.110		mg/L		110	75 - 125	4	20
Cobalt	0.00074	J	0.0500	0.0530		mg/L		104	75 - 125	4	20
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125	5	20
Lead	<0.00021		0.500	0.534		mg/L		107	75 - 125	3	20
Magnesium	23		5.00	28.3	4	mg/L		100	75 - 125	9	20
Nickel	0.0021		0.100	0.104		mg/L		102	75 - 125	4	20
Potassium	0.31	J	7.00	7.59		mg/L		104	75 - 125	4	20
Selenium	0.0037	J	0.100	0.101		mg/L		97	75 - 125	5	20
Silver	<0.00039		0.0500	0.0559		mg/L		112	75 - 125	4	20
Sodium	23		5.00	26.5	4	mg/L		64	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0520		mg/L		104	75 - 125	3	20
Vanadium	0.0033		0.100	0.111		mg/L		108	75 - 125	4	20
Zinc	0.0041	J	0.100	0.105		mg/L		101	75 - 125	4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877301/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 12:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 12:15	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 12:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 12:15	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 12:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 12:15	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 12:15	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 12:15	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 12:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 12:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 12:15	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 12:15	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 12:15	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 12:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 12:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 12:15	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 12:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 12:15	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 12:15	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 12:15	1

Lab Sample ID: LCS 680-877301/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0514		mg/L		103	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.100	0.0993		mg/L		99	80 - 120
Beryllium	0.0500	0.0522		mg/L		104	80 - 120
Boron	0.400	0.380		mg/L		95	80 - 120
Cadmium	0.0500	0.0517		mg/L		103	80 - 120
Calcium	5.00	4.94		mg/L		99	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0513		mg/L		103	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.500		mg/L		100	80 - 120
Magnesium	5.00	4.41		mg/L		88	80 - 120
Nickel	0.100	0.100		mg/L		100	80 - 120
Potassium	7.00	7.08		mg/L		101	80 - 120
Selenium	0.100	0.0971		mg/L		97	80 - 120
Silver	0.0500	0.0533		mg/L		107	80 - 120
Sodium	5.00	4.96		mg/L		99	80 - 120
Thallium	0.0500	0.0484		mg/L		97	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262287-A-4-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0549		mg/L		110	75 - 125
Arsenic	0.0013		0.100	0.114		mg/L		112	75 - 125
Barium	0.076		0.100	0.181		mg/L		105	75 - 125
Beryllium	<0.00020		0.0500	0.0556		mg/L		111	75 - 125
Boron	0.11		0.400	0.524		mg/L		103	75 - 125
Cadmium	0.000085	J	0.0500	0.0566		mg/L		113	75 - 125
Calcium	71		5.00	78.2	4	mg/L		138	75 - 125
Chromium	<0.0012		0.100	0.112		mg/L		112	75 - 125
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	<0.00021		0.500	0.548		mg/L		110	75 - 125
Magnesium	35		5.00	40.6	4	mg/L		111	75 - 125
Nickel	0.0018		0.100	0.106		mg/L		105	75 - 125
Potassium	0.31	J	7.00	7.99		mg/L		110	75 - 125
Selenium	0.0030	J	0.100	0.113		mg/L		110	75 - 125
Silver	<0.00039		0.0500	0.0570		mg/L		114	75 - 125
Sodium	110		5.00	115	4	mg/L		78	75 - 125
Thallium	<0.00026		0.0500	0.0536		mg/L		107	75 - 125
Vanadium	0.0020		0.100	0.114		mg/L		112	75 - 125
Zinc	0.0046	J	0.100	0.112		mg/L		108	75 - 125

Lab Sample ID: 680-262287-A-4-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0551		mg/L		110	75 - 125	0	20
Arsenic	0.0013		0.100	0.111		mg/L		110	75 - 125	2	20
Barium	0.076		0.100	0.183		mg/L		107	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0576		mg/L		115	75 - 125	4	20
Boron	0.11		0.400	0.522		mg/L		102	75 - 125	0	20
Cadmium	0.000085	J	0.0500	0.0564		mg/L		113	75 - 125	0	20
Calcium	71		5.00	76.3	4	mg/L		98	75 - 125	3	20
Chromium	<0.0012		0.100	0.111		mg/L		111	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125	0	20
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125	1	20
Lead	<0.00021		0.500	0.565		mg/L		113	75 - 125	3	20
Magnesium	35		5.00	39.0	4	mg/L		79	75 - 125	4	20
Nickel	0.0018		0.100	0.107		mg/L		106	75 - 125	1	20
Potassium	0.31	J	7.00	8.03		mg/L		110	75 - 125	1	20
Selenium	0.0030	J	0.100	0.109		mg/L		106	75 - 125	3	20
Silver	<0.00039		0.0500	0.0564		mg/L		113	75 - 125	1	20
Sodium	110		5.00	114	4	mg/L		64	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0530		mg/L		106	75 - 125	1	20
Vanadium	0.0020		0.100	0.113		mg/L		111	75 - 125	1	20
Zinc	0.0046	J	0.100	0.115		mg/L		110	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878147/1-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:36	1

Lab Sample ID: LCS 680-878147/2-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00261		mg/L		104	80 - 120

Lab Sample ID: 680-262339-F-5-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 680-262339-F-5-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	2	20

Lab Sample ID: MB 680-878173/1-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878173

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 16:45	1

Lab Sample ID: LCS 680-878173/2-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00254		mg/L		101	80 - 120

Lab Sample ID: 400-271705-C-1-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120

Lab Sample ID: 400-271705-C-1-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877565/4
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1

Lab Sample ID: LCS 680-877565/6
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	241		mg/L		96	90 - 112		

Lab Sample ID: 680-262298-8 DU
Matrix: Water
Analysis Batch: 877565

Client Sample ID: SCH-GWC-51
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	43			38.1		mg/L				11	30
Bicarbonate Alkalinity as CaCO3	43			38.1		mg/L				11	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877383/1
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 14:16	1

Lab Sample ID: LCS 680-877383/2
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877383/3
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2360		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262298-2 DU
Matrix: Water
Analysis Batch: 877383

Client Sample ID: SCH-GWA-45
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	280			274		mg/L				3	5

HPLC/IC

Analysis Batch: 878052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	300.0-1993 R2.1	
MB 680-878052/49	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878052/57	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878052/58	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-30046-A-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-30046-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-2	SCH-GWA-45	Total/NA	Water	300.0-1993 R2.1	
680-262298-3	SCH-GWA-46	Total/NA	Water	300.0-1993 R2.1	
680-262298-4	SCH-GWA-47	Total/NA	Water	300.0-1993 R2.1	
680-262298-5	SCH-GWA-48	Total/NA	Water	300.0-1993 R2.1	
680-262298-6	SCH-GWA-49	Total/NA	Water	300.0-1993 R2.1	
680-262298-7	SCH-GWC-50	Total/NA	Water	300.0-1993 R2.1	
680-262298-8	SCH-GWC-51	Total/NA	Water	300.0-1993 R2.1	
680-262298-9	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	300.0-1993 R2.1	
MB 680-878139/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878139/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878139/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262298-4 MS	SCH-GWA-47	Total/NA	Water	300.0-1993 R2.1	
680-262298-4 MSD	SCH-GWA-47	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	300.0-1993 R2.1	
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	300.0-1993 R2.1	
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-878140/48	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878140/49	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878140/50	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262298-11 MS	SCH-PAC-EB-7	Total/NA	Water	300.0-1993 R2.1	
680-262298-11 MSD	SCH-PAC-EB-7	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-878211/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878211/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878211/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262298-12 MS	SCH-PAC-FD-8	Total/NA	Water	300.0-1993 R2.1	
680-262298-12 MSD	SCH-PAC-FD-8	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-9	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	
MB 680-878279/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878279/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878279/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262298-9 MS	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	

HPLC/IC (Continued)

Analysis Batch: 878279 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-9 MSD	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-9	SCH-GWC-52	Total Recoverable	Water	3005A	
680-262298-10	SCH-PAC-FB-7	Total Recoverable	Water	3005A	
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262300-E-4-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262300-E-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-13	SCH-PAC-FB-8	Total Recoverable	Water	3005A	
680-262298-14	SCH-PAC-EB-8	Total Recoverable	Water	3005A	
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-2	SCH-GWA-45	Total Recoverable	Water	3005A	
680-262298-3	SCH-GWA-46	Total Recoverable	Water	3005A	
680-262298-6	SCH-GWA-49	Total Recoverable	Water	3005A	
680-262298-7	SCH-GWC-50	Total Recoverable	Water	3005A	
680-262298-8	SCH-GWC-51	Total Recoverable	Water	3005A	
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total Recoverable	Water	3005A	
680-262298-4	SCH-GWA-47	Total Recoverable	Water	3005A	
680-262298-5	SCH-GWA-48	Total Recoverable	Water	3005A	
680-262298-11	SCH-PAC-EB-7	Total Recoverable	Water	3005A	
680-262298-12	SCH-PAC-FD-8	Total Recoverable	Water	3005A	
MB 680-877301/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877301/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262287-A-4-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262287-A-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total Recoverable	Water	6020B	877301
680-262298-2	SCH-GWA-45	Total Recoverable	Water	6020B	877300
680-262298-2	SCH-GWA-45	Total Recoverable	Water	6020B	877300

Metals (Continued)

Analysis Batch: 877677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-3	SCH-GWA-46	Total Recoverable	Water	6020B	877300
680-262298-3	SCH-GWA-46	Total Recoverable	Water	6020B	877300
680-262298-4	SCH-GWA-47	Total Recoverable	Water	6020B	877301
680-262298-5	SCH-GWA-48	Total Recoverable	Water	6020B	877301
680-262298-6	SCH-GWA-49	Total Recoverable	Water	6020B	877300
680-262298-6	SCH-GWA-49	Total Recoverable	Water	6020B	877300
680-262298-7	SCH-GWC-50	Total Recoverable	Water	6020B	877300
680-262298-7	SCH-GWC-50	Total Recoverable	Water	6020B	877300
680-262298-8	SCH-GWC-51	Total Recoverable	Water	6020B	877300
680-262298-8	SCH-GWC-51	Total Recoverable	Water	6020B	877300
680-262298-9	SCH-GWC-52	Total Recoverable	Water	6020B	877298
680-262298-10	SCH-PAC-FB-7	Total Recoverable	Water	6020B	877298
680-262298-11	SCH-PAC-EB-7	Total Recoverable	Water	6020B	877301
680-262298-12	SCH-PAC-FD-8	Total Recoverable	Water	6020B	877301
680-262298-13	SCH-PAC-FB-8	Total Recoverable	Water	6020B	877299
680-262298-14	SCH-PAC-EB-8	Total Recoverable	Water	6020B	877299
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	6020B	877298
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	6020B	877299
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	6020B	877300
MB 680-877301/1-A	Method Blank	Total Recoverable	Water	6020B	877301
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877298
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877299
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877300
LCS 680-877301/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877301
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	6020B	877299
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877299
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877300
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877300
680-262287-A-4-B MS	Matrix Spike	Total Recoverable	Water	6020B	877301
680-262287-A-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877301
680-262300-E-4-B MS	Matrix Spike	Total Recoverable	Water	6020B	877298
680-262300-E-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877298

Analysis Batch: 877797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-13	SCH-PAC-FB-8	Total Recoverable	Water	6020B	877299
680-262298-14	SCH-PAC-EB-8	Total Recoverable	Water	6020B	877299
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	6020B	877299
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877299
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	6020B	877299
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877299

Prep Batch: 878147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-2	SCH-GWA-45	Total/NA	Water	7470A	
680-262298-3	SCH-GWA-46	Total/NA	Water	7470A	
680-262298-4	SCH-GWA-47	Total/NA	Water	7470A	
680-262298-5	SCH-GWA-48	Total/NA	Water	7470A	
680-262298-6	SCH-GWA-49	Total/NA	Water	7470A	
680-262298-7	SCH-GWC-50	Total/NA	Water	7470A	
680-262298-8	SCH-GWC-51	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 878147 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-9	SCH-GWC-52	Total/NA	Water	7470A	
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	7470A	
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	7470A	
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	7470A	
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	7470A	
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 878173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	7470A	
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	7470A	
MB 680-878173/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878173/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271705-C-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271705-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	7470A	878173
680-262298-2	SCH-GWA-45	Total/NA	Water	7470A	878147
680-262298-3	SCH-GWA-46	Total/NA	Water	7470A	878147
680-262298-4	SCH-GWA-47	Total/NA	Water	7470A	878147
680-262298-5	SCH-GWA-48	Total/NA	Water	7470A	878147
680-262298-6	SCH-GWA-49	Total/NA	Water	7470A	878147
680-262298-7	SCH-GWC-50	Total/NA	Water	7470A	878147
680-262298-8	SCH-GWC-51	Total/NA	Water	7470A	878147
680-262298-9	SCH-GWC-52	Total/NA	Water	7470A	878147
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	7470A	878147
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	7470A	878147
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	7470A	878147
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	7470A	878147
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	7470A	878173
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	878147
MB 680-878173/1-A	Method Blank	Total/NA	Water	7470A	878173
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	878147
LCS 680-878173/2-A	Lab Control Sample	Total/NA	Water	7470A	878173
400-271705-C-1-C MS	Matrix Spike	Total/NA	Water	7470A	878173
400-271705-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878173
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	878147
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878147

General Chemistry

Analysis Batch: 877383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	2540C-2011	
680-262298-2	SCH-GWA-45	Total/NA	Water	2540C-2011	
680-262298-3	SCH-GWA-46	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 877383 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-4	SCH-GWA-47	Total/NA	Water	2540C-2011	
680-262298-5	SCH-GWA-48	Total/NA	Water	2540C-2011	
680-262298-6	SCH-GWA-49	Total/NA	Water	2540C-2011	
680-262298-7	SCH-GWC-50	Total/NA	Water	2540C-2011	
680-262298-8	SCH-GWC-51	Total/NA	Water	2540C-2011	
680-262298-9	SCH-GWC-52	Total/NA	Water	2540C-2011	
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	2540C-2011	
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	2540C-2011	
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	2540C-2011	
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	2540C-2011	
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	2540C-2011	
MB 680-877383/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877383/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877383/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262298-2 DU	SCH-GWA-45	Total/NA	Water	2540C-2011	

Analysis Batch: 877565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	2320B-2011	
680-262298-2	SCH-GWA-45	Total/NA	Water	2320B-2011	
680-262298-3	SCH-GWA-46	Total/NA	Water	2320B-2011	
680-262298-4	SCH-GWA-47	Total/NA	Water	2320B-2011	
680-262298-5	SCH-GWA-48	Total/NA	Water	2320B-2011	
680-262298-6	SCH-GWA-49	Total/NA	Water	2320B-2011	
680-262298-7	SCH-GWC-50	Total/NA	Water	2320B-2011	
680-262298-8	SCH-GWC-51	Total/NA	Water	2320B-2011	
680-262298-9	SCH-GWC-52	Total/NA	Water	2320B-2011	
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	2320B-2011	
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	2320B-2011	
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	2320B-2011	
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	2320B-2011	
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	2320B-2011	
MB 680-877565/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877565/6	Lab Control Sample	Total/NA	Water	2320B-2011	
680-262298-8 DU	SCH-GWC-51	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 680-262298-1

Date Collected: 02/26/25 14:13

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878052	03/07/25 01:16	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 12:40	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:46	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:01	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-262298-2

Date Collected: 02/26/25 10:25

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	878139	03/07/25 14:54	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:07	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:01	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:33	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:55	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-262298-3

Date Collected: 02/26/25 09:46

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 15:04	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:01	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: Southern Company
Job ID: 680-262298-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Client Sample ID: SCH-GWA-46
Lab Sample ID: 680-262298-3
Date Collected: 02/26/25 09:46
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:05	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 14:57	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:32	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-47
Lab Sample ID: 680-262298-4
Date Collected: 02/26/25 11:01
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 15:33	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:04	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:30	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 22:04	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-48
Lab Sample ID: 680-262298-5
Date Collected: 02/26/25 12:24
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 16:12	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:06	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:23	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:24	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Client Sample ID: SCH-GWA-48

Date Collected: 02/26/25 12:24
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV

Client Sample ID: SCH-GWA-49

Date Collected: 02/26/25 14:11
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 16:22	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:03	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:07	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:37	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:10	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-50

Date Collected: 02/26/25 15:27
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 16:32	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:05	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:09	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 14:50	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:05	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Client Sample ID: SCH-GWC-51

Lab Sample ID: 680-262298-8

Date Collected: 02/26/25 12:45

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 16:41	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:55	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:03	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:11	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 22:34	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-52

Lab Sample ID: 680-262298-9

Date Collected: 02/26/25 11:40

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	878139	03/07/25 16:51	BS	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	878279	03/10/25 12:14	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:29	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 14:53	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:46	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 680-262298-10

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 17:01	BS	EET SAV
	Instrument ID: CICP									

Lab Chronicle

Client: Southern Company
Job ID: 680-262298-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Client Sample ID: SCH-PAC-FB-7
Lab Sample ID: 680-262298-10
Date Collected: 02/26/25 13:00
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:49	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:16	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:16	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-EB-7
Lab Sample ID: 680-262298-11
Date Collected: 02/26/25 10:45
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 18:39	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 12:42	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:35	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 22:56	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-FD-8
Lab Sample ID: 680-262298-12
Date Collected: 02/26/25 00:00
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878211	03/08/25 14:10	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 12:46	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 14:55	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 22:51	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Job ID: 680-262298-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Client Sample ID: SCH-PAC-FD-8
Lab Sample ID: 680-262298-12
Date Collected: 02/26/25 00:00
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV

Client Sample ID: SCH-PAC-FB-8
Lab Sample ID: 680-262298-13
Date Collected: 02/26/25 14:25
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 19:28	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 14:09	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:32	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:14	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:38	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-EB-8
Lab Sample ID: 680-262298-14
Date Collected: 02/26/25 09:56
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 19:37	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 14:11	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:34	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:48	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:51	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262298-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer PAC Ash Cell	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-GWC-29	2/26/25	14:13	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-45	2/26/25	10:25	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-46	2/26/25	9:46	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-47	2/26/25	11:01	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-48	2/26/25	12:24	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-49	2/26/25	14:11	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-50	2/26/25	15:27	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-51	2/26/25	12:45	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-52	2/26/25	11:40	G	WG	N	N	X	X	X	X	X	4
SCH-PAC-FB-7	2/26/25	13:00	G	WQ	N	N	X	X	X	X	X	4
SCH-PAC-EB-7	2/26/25	10:45	G	WQ	N	N	X	X	X	X	X	4

680-262298 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/27/25 830	WSP	Wanda Mercer	2/27/25 830	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.4/3.4 2.0/2.0 2.1/2.1 0.9/0.9 4.2/4.2

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer PAC Ash Cell	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-PAC-FD-8	2/26/25	-	G	WG	N	N	X	X	X	X	X	4
SCH-PAC-FB-8	2/26/25	14:25	G	WQ	N	N	X	X	X	X	X	4
SCH-PAC-EB-8	2/26/25	9:56	G	WQ	N	N	X	X	X	X	X	4

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	MARK MANN /	2/27/25 830	WSP	Yolanda Lucear	2/27/25 830	Courier/now
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.4/3.4 2.0/2.0 2.1/2.1 0.7/0.9 4.2/4.2

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262298-1

Login Number: 262298
List Number: 1
Creator: Johnson, Corey M

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/7/2025 5:58:37 PM

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash Cell

JOB NUMBER

680-262251-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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3/7/2025 5:58:37 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262251-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262251-1	SCH-GWA-22	Water	02/25/25 12:35	02/26/25 12:00
680-262251-2	SCH-GWA-21	Water	02/25/25 11:00	02/26/25 12:00
680-262251-3	SCH-GWC-53	Water	02/25/25 15:32	02/26/25 12:00
680-262251-4	SCH-PAC-FD-7	Water	02/25/25 00:00	02/26/25 12:00

Job ID: 680-262251-1 Eurofins Savannah

Job Narrative
680-262251-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/26/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.9°C, 2.1°C, 3.3°C, 3.4°C and 4.0°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877805 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2320B: The sample duplicate precision for the following sample associated with analytical batch 680-877284 was outside control limits: (680-262251-C-4 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-53 (680-262251-3) and SCH-PAC-FD-7 (680-262185-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWA-22

Lab Sample ID: 680-262251-1

Date Collected: 02/25/25 12:35

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40	F1	1.0	0.40	mg/L			03/05/25 16:14	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/05/25 16:14	1
Chloride	**1.8**	**F1**	1.0	0.20	mg/L			03/05/25 16:14	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:55	1
Barium	**0.024**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:55	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:55	1
Calcium	**11**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:55	1
Chromium	**0.010**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:55	1
Magnesium	**5.9**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:55	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:55	1
Potassium	**0.85**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:55	1
Sodium	**5.5**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:55	1
Vanadium	**0.0080**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:55	1
Zinc	**0.0076**		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**61**		5.0	2.2	mg/L			02/27/25 01:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		5.0	2.2	mg/L			02/27/25 01:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 01:27	1
Total Dissolved Solids (SM 2540C-2011)	**98**		10	10	mg/L			02/27/25 20:38	1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-262251-2

Date Collected: 02/25/25 11:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.0**		1.0	0.40	mg/L			03/05/25 16:43	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 16:43	1
Chloride	**3.0**		1.0	0.20	mg/L			03/05/25 16:43	1

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-262251-2

Date Collected: 02/25/25 11:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:47	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:47	1
Barium	**0.019**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:47	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:47	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:47	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:47	1
Calcium	**5.8**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:47	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:47	1
Cobalt	**0.00023**	**J**	0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:47	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:47	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:47	1
Magnesium	**4.0**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:47	1
Nickel	**0.00099**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:47	1
Potassium	**0.47**	**J**	0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:47	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:47	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:47	1
Sodium	**7.7**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:47	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:47	1
Vanadium	**0.0014**	**J**	0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:47	1
Zinc	**0.0028**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/27/25 01:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/27/25 01:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 01:35	1
Total Dissolved Solids (SM 2540C-2011)	**90**		10	10	mg/L			02/27/25 20:38	1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-262251-3

Date Collected: 02/25/25 15:32

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**190**		10	4.0	mg/L			03/05/25 16:53	10
Fluoride	<0.40		1.0	0.40	mg/L			03/05/25 16:53	10
Chloride	**14**		10	2.0	mg/L			03/05/25 16:53	10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:45	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:45	1
Barium	**0.032**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-262251-3

Date Collected: 02/25/25 15:32

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.1**		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:45	1
Cadmium	**0.000090**	**J**	0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:45	1
Calcium	**20**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:45	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:45	1
Cobalt	**0.012**		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:45	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:45	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:45	1
Magnesium	**12**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:45	1
Nickel	**0.0078**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:45	1
Potassium	**1.7**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:45	1
Selenium	**0.0011**	**J B**	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:45	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:45	1
Sodium	**51**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:45	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:45	1
Zinc	**0.018**		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**8.2**		5.0	2.2	mg/L			02/27/25 03:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**8.2**		5.0	2.2	mg/L			02/27/25 03:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 03:41	1
Total Dissolved Solids (SM 2540C-2011)	**310**		40	40	mg/L			02/27/25 20:38	1

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 680-262251-4

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**170**		5.0	2.0	mg/L			03/05/25 17:03	5
Fluoride	<0.20		0.50	0.20	mg/L			03/05/25 17:03	5
Chloride	**12**		5.0	1.0	mg/L			03/05/25 17:03	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:22	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:22	1
Barium	**0.034**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:22	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:22	1
Boron	**1.2**		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:22	1
Cadmium	**0.00010**	**J**	0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:22	1
Calcium	**21**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:22	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:22	1

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Client Sample ID: SCH-PAC-FD-7
Date Collected: 02/25/25 00:00
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262251-4
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.013**		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:22	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:22	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:22	1
Magnesium	**13**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:22	1
Nickel	**0.0083**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:22	1
Potassium	**1.7**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:22	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:22	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:22	1
Sodium	**55**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:22	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:22	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:22	1
Zinc	**0.018**		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**12**		5.0	2.2	mg/L			02/27/25 03:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**12**		5.0	2.2	mg/L			02/27/25 03:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 03:27	1
Total Dissolved Solids (SM 2540C-2011)	**280**		40	40	mg/L			02/27/25 20:38	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877805/2
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 10:00	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 10:00	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 10:00	1

Lab Sample ID: LCS 680-877805/3
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.5		mg/L		105	90 - 110		
Fluoride			2.00	1.96		mg/L		98	90 - 110		
Chloride			10.0	9.98		mg/L		100	90 - 110		

Lab Sample ID: LCSD 680-877805/4
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.5		mg/L		105	90 - 110	0	15
Fluoride			2.00	1.96		mg/L		98	90 - 110	0	15
Chloride			10.0	10.0		mg/L		100	90 - 110	0	15

Lab Sample ID: 680-262251-1 MS
Matrix: Water
Analysis Batch: 877805

Client Sample ID: SCH-GWA-22
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	<0.40	F1	10.0	3.37	F1	mg/L		34	80 - 120		
Fluoride	<0.040	F1	2.00	0.774	F1	mg/L		39	80 - 120		
Chloride	1.8	F1	10.0	6.01	F1	mg/L		42	80 - 120		

Lab Sample ID: 680-262251-1 MSD
Matrix: Water
Analysis Batch: 877805

Client Sample ID: SCH-GWA-22
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<0.40	F1	10.0	3.18	F1	mg/L		32	80 - 120	6	15
Fluoride	<0.040	F1	2.00	0.753	F1	mg/L		38	80 - 120	3	15
Chloride	1.8	F1	10.0	5.91	F1	mg/L		41	80 - 120	2	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:24	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:24	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:24	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:24	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:24	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:24	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:24	1
Selenium	0.00140	J	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:24	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:24	1

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0497		mg/L		99	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.387		mg/L		97	80 - 120
Cadmium	0.0500	0.0528		mg/L		106	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0544		mg/L		109	80 - 120
Copper	0.101	0.108		mg/L		107	80 - 120
Lead	0.500	0.523		mg/L		105	80 - 120
Magnesium	5.00	4.81		mg/L		96	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	7.51		mg/L		107	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0500	0.0525		mg/L		105	80 - 120
Sodium	5.00	4.99		mg/L		100	80 - 120
Thallium	0.0500	0.0515		mg/L		103	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.108		mg/L		108	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262261-E-7-B MS
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0515		mg/L		103	75 - 125
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125
Barium	0.014		0.100	0.118		mg/L		104	75 - 125
Beryllium	<0.00020		0.0500	0.0543		mg/L		109	75 - 125
Boron	<0.022		0.400	0.424		mg/L		106	75 - 125
Cadmium	<0.000078		0.0500	0.0534		mg/L		107	75 - 125
Calcium	17		5.00	21.3		mg/L		95	75 - 125
Chromium	0.0025		0.100	0.109		mg/L		106	75 - 125
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	<0.00021		0.500	0.522		mg/L		104	75 - 125
Magnesium	8.3		5.00	12.6		mg/L		87	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Potassium	1.1		7.00	8.73		mg/L		109	75 - 125
Selenium	0.0012	J B	0.100	0.105		mg/L		104	75 - 125
Silver	<0.00039	F1	0.0500	0.0632	F1	mg/L		126	75 - 125
Sodium	15		5.00	19.9		mg/L		89	75 - 125
Thallium	<0.00026		0.0500	0.0522		mg/L		104	75 - 125
Vanadium	0.015		0.100	0.120		mg/L		105	75 - 125
Zinc	<0.0028		0.100	0.107		mg/L		107	75 - 125

Lab Sample ID: 680-262261-E-7-C MSD
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	3	20
Arsenic	<0.00086		0.100	0.100		mg/L		100	75 - 125	4	20
Barium	0.014		0.100	0.117		mg/L		103	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0518		mg/L		104	75 - 125	5	20
Boron	<0.022		0.400	0.407		mg/L		102	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0528		mg/L		106	75 - 125	1	20
Calcium	17		5.00	20.8		mg/L		84	75 - 125	2	20
Chromium	0.0025		0.100	0.107		mg/L		105	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0528		mg/L		106	75 - 125	3	20
Copper	<0.0011		0.101	0.105		mg/L		104	75 - 125	3	20
Lead	<0.00021		0.500	0.513		mg/L		103	75 - 125	2	20
Magnesium	8.3		5.00	12.5		mg/L		83	75 - 125	1	20
Nickel	<0.00042		0.100	0.105		mg/L		105	75 - 125	1	20
Potassium	1.1		7.00	8.54		mg/L		107	75 - 125	2	20
Selenium	0.0012	J B	0.100	0.102		mg/L		101	75 - 125	3	20
Silver	<0.00039	F1	0.0500	0.0608		mg/L		122	75 - 125	4	20
Sodium	15		5.00	19.8		mg/L		88	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.015		0.100	0.116		mg/L		101	75 - 125	4	20
Zinc	<0.0028		0.100	0.103		mg/L		103	75 - 125	4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 20:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 20:48	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 20:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 20:48	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 20:48	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 20:48	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 20:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 20:48	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 20:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 20:48	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 20:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 20:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 20:48	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 20:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 20:48	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 20:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 20:48	1

Lab Sample ID: LCS 680-877179/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0485		mg/L		97	80 - 120
Arsenic	0.100	0.0975		mg/L		98	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0528		mg/L		106	80 - 120
Boron	0.400	0.406		mg/L		101	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	4.89		mg/L		98	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0514		mg/L		103	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.500		mg/L		100	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.22		mg/L		103	80 - 120
Selenium	0.100	0.0996		mg/L		100	80 - 120
Silver	0.0500	0.0529		mg/L		106	80 - 120
Sodium	5.00	4.91		mg/L		98	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0976		mg/L		98	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878032/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/06/25 18:19	1

Lab Sample ID: LCS 680-878032/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00248		mg/L		99	80 - 120

Lab Sample ID: 400-271525-A-1-C MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 400-271525-A-1-D MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00104		mg/L		104	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877284/4
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1

Lab Sample ID: LCS 680-877284/6
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	248		mg/L		99	90 - 112

Lab Sample ID: LCSD 680-877284/31
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	253		mg/L		101	90 - 112	2	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-262251-4 DU
Matrix: Water
Analysis Batch: 877284

Client Sample ID: SCH-PAC-FD-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	12			8.39	F5	mg/L				34	30
Bicarbonate Alkalinity as CaCO3	12			8.39	F5	mg/L				34	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877297/1
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 20:38	1

Lab Sample ID: LCS 680-877297/2
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2380		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877297/3
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-262223-D-14 DU
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	480			468		mg/L				3	5

Lab Sample ID: 680-262223-D-16 DU
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	490			486		mg/L				0.8	5

HPLC/IC

Analysis Batch: 877805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	
680-262251-2	SCH-GWA-21	Total/NA	Water	300.0-1993 R2.1	
680-262251-3	SCH-GWC-53	Total/NA	Water	300.0-1993 R2.1	
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	300.0-1993 R2.1	
MB 680-877805/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877805/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877805/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262251-1 MS	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	
680-262251-1 MSD	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total Recoverable	Water	3005A	
680-262251-2	SCH-GWA-21	Total Recoverable	Water	3005A	
680-262251-3	SCH-GWC-53	Total Recoverable	Water	3005A	
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262261-E-7-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262261-E-7-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-4	SCH-PAC-FD-7	Total Recoverable	Water	3005A	
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 878032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	7470A	
680-262251-2	SCH-GWA-21	Total/NA	Water	7470A	
680-262251-3	SCH-GWC-53	Total/NA	Water	7470A	
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	7470A	
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	7470A	878032
680-262251-2	SCH-GWA-21	Total/NA	Water	7470A	878032
680-262251-3	SCH-GWC-53	Total/NA	Water	7470A	878032
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	7470A	878032
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	878032
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	878032
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	878032
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878032

Metals

Analysis Batch: 878157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total Recoverable	Water	6020B	877177
680-262251-2	SCH-GWA-21	Total Recoverable	Water	6020B	877177
680-262251-3	SCH-GWC-53	Total Recoverable	Water	6020B	877177
680-262251-4	SCH-PAC-FD-7	Total Recoverable	Water	6020B	877179
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	6020B	877177
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	6020B	877179
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877177
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877179
680-262261-E-7-B MS	Matrix Spike	Total Recoverable	Water	6020B	877177
680-262261-E-7-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877177

General Chemistry

Analysis Batch: 877284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	2320B-2011	
680-262251-2	SCH-GWA-21	Total/NA	Water	2320B-2011	
680-262251-3	SCH-GWC-53	Total/NA	Water	2320B-2011	
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	2320B-2011	
MB 680-877284/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877284/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877284/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262251-4 DU	SCH-PAC-FD-7	Total/NA	Water	2320B-2011	

Analysis Batch: 877297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	2540C-2011	
680-262251-2	SCH-GWA-21	Total/NA	Water	2540C-2011	
680-262251-3	SCH-GWC-53	Total/NA	Water	2540C-2011	
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	2540C-2011	
MB 680-877297/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877297/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877297/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262223-D-14 DU	Duplicate	Total/NA	Water	2540C-2011	
680-262223-D-16 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Client Sample ID: SCH-GWA-22

Lab Sample ID: 680-262251-1

Date Collected: 02/25/25 12:35
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 16:14	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 18:55	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:10	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 01:27	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-262251-2

Date Collected: 02/25/25 11:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 16:43	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 18:47	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:15	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 01:35	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-262251-3

Date Collected: 02/25/25 15:32
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	877805	03/05/25 16:53	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 18:45	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:13	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Job ID: 680-262251-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Client Sample ID: SCH-GWC-53
Lab Sample ID: 680-262251-3
Date Collected: 02/25/25 15:32
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 03:41	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-FD-7
Lab Sample ID: 680-262251-4
Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877805	03/05/25 17:03	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 21:22	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:08	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 03:27	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262251-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer PAC Ash Cell	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-GWA-22	2/25/25	12:35	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-21	2/25/25	11:00	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-53	2/25/25	15:32	G	WG	N	N	X	X	X	X	X	4
SCH-PAC-FD-7	2/25/25	-	G	WG	N	N	X	X	X	X	X	4

680-262251 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/26/25 840	WSP	Yolanda Jurnear	2/26/25 840	COURIER
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262251-1

Login Number: 262251

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

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JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262300-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Job ID: 680-262300-2
Project/Site: CCR - Plant Scherer Cell 3

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262300-2
Project/Site: CCR - Plant Scherer Cell 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262300-1	SCH-GWC-30	Water	02/26/25 12:15	02/27/25 11:31
680-262300-2	SCH-GWC-36	Water	02/26/25 09:33	02/27/25 11:31
680-262300-3	SCH-GWA-41	Water	02/26/25 13:50	02/27/25 11:31
680-262300-4	SCH-GWA-42	Water	02/26/25 14:45	02/27/25 11:31
680-262300-5	SCH-GWA-43	Water	02/26/25 13:00	02/27/25 11:31
680-262300-6	SCH-GWA-44A	Water	02/26/25 10:44	02/27/25 11:31
680-262300-7	SCH-GWA-54	Water	02/26/25 12:00	02/27/25 11:31
680-262300-8	SCH-CELL3-EB-9	Water	02/26/25 09:40	02/27/25 11:31
680-262300-9	SCH-CELL3-FB-9	Water	02/26/25 10:30	02/27/25 11:31
680-262300-10	SCH-CELL3-EB-10	Water	02/26/25 13:23	02/27/25 11:31
680-262300-11	SCH-CELL3-FB-10	Water	02/26/25 09:25	02/27/25 11:31

Job ID: 680-262300-2 — Eurofins Savannah

Job Narrative
680-262300-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/27/2025 11:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.9°C, 2.0°C, 2.1°C, 3.4°C and 4.2°C.

Gas Flow Proportional Counter
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-262300-1

Date Collected: 02/26/25 12:15

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0178	U	0.0630	0.0630	1.00	0.120	pCi/L	03/03/25 07:29	03/30/25 09:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:16*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.270	U	0.323	0.324	1.00	0.534	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*84.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.287	U	0.329	0.330	5.00	0.534	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0829	U	0.0815	0.0819	1.00	0.127	pCi/L	03/03/25 07:29	03/30/25 09:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:16*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.216	U	0.303	0.303	1.00	0.508	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*88.2*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.299	U	0.314	0.314	5.00	0.508	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00171	U	0.0537	0.0537	1.00	0.113	pCi/L	03/03/25 07:29	03/30/25 10:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*03/03/25 07:29*	*03/30/25 10:14*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.364	U	0.403	0.405	1.00	0.660	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*74.4*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.366	U	0.407	0.409	5.00	0.660	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0470	U	0.0647	0.0649	1.00	0.109	pCi/L	03/03/25 07:29	03/30/25 10:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*03/03/25 07:29*	*03/30/25 10:14*	*1*

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.662		0.342	0.347	1.00	0.478	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*90.1*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.709		0.348	0.353	5.00	0.478	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00421	U	0.0661	0.0661	1.00	0.136	pCi/L	03/03/25 07:29	03/30/25 10:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*03/03/25 07:29*	*03/30/25 10:14*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.524	U	0.358	0.361	1.00	0.529	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*80.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.520	U	0.364	0.367	5.00	0.529	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0582	U	0.0770	0.0772	1.00	0.129	pCi/L	03/03/25 07:33	03/28/25 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:30*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.189	U	0.328	0.329	1.00	0.661	pCi/L	03/03/25 07:37	03/21/25 12:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:37*	*1*
Y Carrier	*80.7*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:37*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.130	U	0.337	0.338	5.00	0.661	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.106	U	0.103	0.104	1.00	0.164	pCi/L	03/03/25 07:33	03/28/25 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:30*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.317	U	0.383	0.384	1.00	0.632	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*83.4*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.423	U	0.397	0.398	5.00	0.632	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00321	U	0.0607	0.0607	1.00	0.123	pCi/L	03/03/25 07:33	03/28/25 10:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:21*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.284	U	0.356	0.357	1.00	0.591	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*75.9*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.287	U	0.361	0.362	5.00	0.591	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0147	U	0.0375	0.0376	1.00	0.0747	pCi/L	03/03/25 07:33	03/28/25 10:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:21*	*1*

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.175	U	0.350	0.350	1.00	0.606	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*82.2*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.190	U	0.352	0.352	5.00	0.606	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0626	U	0.0365	0.0370	1.00	0.119	pCi/L	03/03/25 07:33	03/28/25 10:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:21*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.291	U	0.334	0.335	1.00	0.547	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*82.6*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.229	U	0.336	0.337	5.00	0.547	pCi/L		03/31/25 09:41	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Client Sample ID: SCH-CELL3-FB-10

Date Collected: 02/26/25 09:25
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262300-11

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0326	U	0.0757	0.0758	1.00	0.137	pCi/L	03/03/25 07:33	03/28/25 10:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:21*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0892	U	0.315	0.315	1.00	0.569	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*81.9*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.122	U	0.324	0.324	5.00	0.569	pCi/L		03/31/25 09:41	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water | **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
680-262261-A-9-A DU	Duplicate	86.9
680-262300-1	SCH-GWC-30	96.3
680-262300-2	SCH-GWC-36	90.3
680-262300-3	SCH-GWA-41	89.0
680-262300-4	SCH-GWA-42	94.5
680-262300-5	SCH-GWA-43	89.5
680-262300-6	SCH-GWA-44A	84.6
680-262300-7	SCH-GWA-54	84.8
680-262300-8	SCH-CELL3-EB-9	86.9
680-262300-8 DU	SCH-CELL3-EB-9	90.3
680-262300-9	SCH-CELL3-FB-9	87.7
680-262300-10	SCH-CELL3-EB-10	90.6
680-262300-11	SCH-CELL3-FB-10	84.8
LCS 160-705654/2-A	Lab Control Sample	90.6
LCS 160-705657/2-A	Lab Control Sample	81.7
MB 160-705654/1-A	Method Blank	89.3
MB 160-705657/1-A	Method Blank	85.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water | **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
680-262261-A-9-B DU	Duplicate	86.9	79.6
680-262300-1	SCH-GWC-30	96.3	84.5
680-262300-2	SCH-GWC-36	90.3	88.2
680-262300-3	SCH-GWA-41	89.0	74.4
680-262300-4	SCH-GWA-42	94.5	90.1
680-262300-5	SCH-GWA-43	89.5	80.0
680-262300-6	SCH-GWA-44A	84.6	80.7
680-262300-7	SCH-GWA-54	84.8	83.4
680-262300-8	SCH-CELL3-EB-9	86.9	75.9
680-262300-8 DU	SCH-CELL3-EB-9	90.3	85.2
680-262300-9	SCH-CELL3-FB-9	87.7	82.2
680-262300-10	SCH-CELL3-EB-10	90.6	82.6
680-262300-11	SCH-CELL3-FB-10	84.8	81.9
LCS 160-705656/2-A	Lab Control Sample	90.6	84.1
LCS 160-705658/2-A	Lab Control Sample	81.7	83.7
MB 160-705656/1-A	Method Blank	89.3	85.6
MB 160-705658/1-A	Method Blank	85.6	78.1

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705654/1-A
Matrix: Water
Analysis Batch: 709930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705654

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01292	U	0.0864	0.0864	1.00	0.164	pCi/L	03/03/25 07:29	03/30/25 09:09	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:09*	*1*

Lab Sample ID: LCS 160-705654/2-A
Matrix: Water
Analysis Batch: 709931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705654

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.302		0.922	1.00	0.140	pCi/L	87	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.6*		*30 - 110*

Lab Sample ID: 680-262261-A-9-A DU
Matrix: Water
Analysis Batch: 709931

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705654

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.112	U		0.05626	U	0.0982	1.00	0.170	pCi/L			0.30	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*86.9*		*30 - 110*

Lab Sample ID: MB 160-705657/1-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705657

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03032	U	0.0619	0.0619	1.00	0.143	pCi/L	03/03/25 07:33	03/28/25 10:30	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:30*	*1*

Lab Sample ID: LCS 160-705657/2-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705657

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.467		1.03	1.00	0.123	pCi/L	99	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-705657/2-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705657

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.7		30 - 110

Lab Sample ID: 680-262300-8 DU
Matrix: Water
Analysis Batch: 709819

Client Sample ID: SCH-CELL3-EB-9
Prep Type: Total/NA
Prep Batch: 705657

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.00321	U		0.05920	U	0.0711	1.00	0.116	pCi/L			0.42	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	90.3		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705656/1-A
Matrix: Water
Analysis Batch: 709069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705656

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3853	U	0.322	0.324	1.00	0.500	pCi/L	03/03/25 07:31	03/24/25 12:02	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110	03/03/25 07:31	03/24/25 12:02	1
Y Carrier	85.6		30 - 110	03/03/25 07:31	03/24/25 12:02	1

Lab Sample ID: LCS 160-705656/2-A
Matrix: Water
Analysis Batch: 709069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705656

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.99	9.055		1.25	1.00	0.498	pCi/L	113	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.6		30 - 110
Y Carrier	84.1		30 - 110

Lab Sample ID: 680-262261-A-9-B DU
Matrix: Water
Analysis Batch: 709096

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705656

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.315	U		-0.02906	U	0.322	1.00	0.609	pCi/L			0.53	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 680-262261-A-9-B DU
Matrix: Water
Analysis Batch: 709096

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705656

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	86.9		30 - 110
Y Carrier	79.6		30 - 110

Lab Sample ID: MB 160-705658/1-A
Matrix: Water
Analysis Batch: 708880

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705658

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3382	U	0.406	0.407	1.00	0.669	pCi/L	03/03/25 07:37	03/21/25 12:36	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110	03/03/25 07:37	03/21/25 12:36	1
Y Carrier	78.1		30 - 110	03/03/25 07:37	03/21/25 12:36	1

Lab Sample ID: LCS 160-705658/2-A
Matrix: Water
Analysis Batch: 708880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705658

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.00	8.294		1.23	1.00	0.610	pCi/L	104	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.7		30 - 110
Y Carrier	83.7		30 - 110

Lab Sample ID: 680-262300-8 DU
Matrix: Water
Analysis Batch: 708880

Client Sample ID: SCH-CELL3-EB-9
Prep Type: Total/NA
Prep Batch: 705658

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.284	U		0.4312	U	0.343	1.00	0.525	pCi/L			0.21	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	90.3		30 - 110
Y Carrier	85.2		30 - 110

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Prep Batch: 705654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	PrecSep-21	
680-262300-2	SCH-GWC-36	Total/NA	Water	PrecSep-21	
680-262300-3	SCH-GWA-41	Total/NA	Water	PrecSep-21	
680-262300-4	SCH-GWA-42	Total/NA	Water	PrecSep-21	
680-262300-5	SCH-GWA-43	Total/NA	Water	PrecSep-21	
MB 160-705654/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705654/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-262261-A-9-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 705656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	PrecSep_0	
680-262300-2	SCH-GWC-36	Total/NA	Water	PrecSep_0	
680-262300-3	SCH-GWA-41	Total/NA	Water	PrecSep_0	
680-262300-4	SCH-GWA-42	Total/NA	Water	PrecSep_0	
680-262300-5	SCH-GWA-43	Total/NA	Water	PrecSep_0	
MB 160-705656/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705656/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262261-A-9-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 705657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-6	SCH-GWA-44A	Total/NA	Water	PrecSep-21	
680-262300-7	SCH-GWA-54	Total/NA	Water	PrecSep-21	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	PrecSep-21	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	PrecSep-21	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	PrecSep-21	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	PrecSep-21	
MB 160-705657/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705657/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-262300-8 DU	SCH-CELL3-EB-9	Total/NA	Water	PrecSep-21	

Prep Batch: 705658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-6	SCH-GWA-44A	Total/NA	Water	PrecSep_0	
680-262300-7	SCH-GWA-54	Total/NA	Water	PrecSep_0	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	PrecSep_0	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	PrecSep_0	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	PrecSep_0	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	PrecSep_0	
MB 160-705658/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705658/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262300-8 DU	SCH-CELL3-EB-9	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-262300-1

Date Collected: 02/26/25 12:15

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1005.19 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709932	03/30/25 09:16	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1005.19 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.64 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709932	03/30/25 09:16	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1002.64 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.53 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709930	03/30/25 10:14	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1001.53 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.77 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709930	03/30/25 10:14	SWS	EET SL
	Instrument ID: GFPCRED									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1004.77 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.02 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709930	03/30/25 10:14	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1003.02 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.12 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709817	03/28/25 10:30	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.12 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:37	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.87 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709817	03/28/25 10:30	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1003.87 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.51 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709819	03/28/25 10:21	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1001.51 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.90 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709819	03/28/25 10:21	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1003.90 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.43 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709819	03/28/25 10:21	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1004.43 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Job ID: 680-262300-2
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-CELL3-FB-10
Lab Sample ID: 680-262300-11
Date Collected: 02/26/25 09:25
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1005.93 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709819	03/28/25 10:21	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1005.93 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262300-2
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb						Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D							
SCH-GWC-30	2/26/25	12:15	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWC-36	2/26/25	09:33	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-41	2/26/25	13:50	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-42	2/26/25	14:45	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-43	2/26/25	13:00	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-44A	2/26/25	10:44	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-54	2/26/25	12:00	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-EB-9	2/26/25	09:40	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-FB-9	2/26/25	10:30	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-EB-10	2/26/25	13:23	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-FB-10	2/26/25	09:25	G	WQ	N	N	X	X	X	X	X	X	X	X						6

680-262300 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/27/25 830	WSP	Yolanda Duncan	2/27/25 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4/3.4 2.0/2.0 2.1/2.1 0.9/0.9 4.2/4.2

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795363.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262300-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/11/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWC-30 (680-262300-1)	2/26/25	12:15 Eastern	G	Water			X	X	X	2	
SCH-GWC-36 (680-262300-2)	2/26/25	09:33 Eastern	G	Water			X	X	X	2	
SCH-GWA-41 (680-262300-3)	2/26/25	13:50 Eastern	G	Water			X	X	X	2	
SCH-GWA-42 (680-262300-4)	2/26/25	14:45 Eastern	G	Water			X	X	X	2	
SCH-GWA-43 (680-262300-5)	2/26/25	13:00 Eastern	G	Water			X	X	X	2	
SCH-GWA-44A (680-262300-6)	2/26/25	10:44 Eastern	G	Water			X	X	X	2	
SCH-GWA-54 (680-262300-7)	2/26/25	12:00 Eastern	G	Water			X	X	X	2	
SCH-CELL3-EB-9 (680-262300-8)	2/26/25	09:40 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FB-9 (680-262300-9)	2/26/25	10:30 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1553	E-Sav	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795363.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262300-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/11/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-CELL3-EB-10 (680-262300-10)	2/26/25	13:23 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FB-10 (680-262300-11)	2/26/25	09:25 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1553	E-Sav	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262300-2

Login Number: 262300

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262300-2

Login Number: 262300
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/28/25 11:33 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/31/2025 12:51:12 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262261-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
3/31/2025 12:51:12 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Job ID: 680-262261-2
Project/Site: CCR - Plant Scherer Cell 3

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262261-2
Project/Site: CCR - Plant Scherer Cell 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262261-1	SCH-GWC-38	Water	02/25/25 14:55	02/26/25 12:00
680-262261-2	SCH-GWC-37	Water	02/25/25 13:10	02/26/25 12:00
680-262261-3	SCH-GWC-35	Water	02/25/25 10:27	02/26/25 12:00
680-262261-4	SCH-GWC-34	Water	02/25/25 13:40	02/26/25 12:00
680-262261-5	SCH-GWC-33A	Water	02/25/25 12:26	02/26/25 12:00
680-262261-6	SCH-GWC-32	Water	02/25/25 10:24	02/26/25 12:00
680-262261-7	SCH-GWC-31	Water	02/25/25 15:11	02/26/25 12:00
680-262261-8	SCH-CELL3-FD-9	Water	02/25/25 00:00	02/26/25 12:00
680-262261-9	SCH-CELL3-FD-10	Water	02/25/25 00:00	02/26/25 12:00

Job ID: 680-262261-2 — Eurofins Savannah

Job Narrative
680-262261-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/26/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.9°C, 2.1°C, 3.3°C, 3.4°C and 4.0°C.

Gas Flow Proportional Counter
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-262261-1

Date Collected: 02/25/25 14:55

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0308	U	0.0649	0.0650	1.00	0.119	pCi/L	03/03/25 07:29	03/30/25 09:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:24*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0587	U	0.286	0.286	1.00	0.525	pCi/L	03/03/25 07:31	03/24/25 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*
Y Carrier	*83.7*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0895	U	0.293	0.293	5.00	0.525	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0607	U	0.0706	0.0708	1.00	0.114	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.452	U	0.354	0.357	1.00	0.541	pCi/L	03/03/25 07:31	03/24/25 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*
Y Carrier	*80.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.512	U	0.361	0.364	5.00	0.541	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0688	U	0.0646	0.0649	1.00	0.0974	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.7*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.245	U	0.325	0.326	1.00	0.544	pCi/L	03/03/25 07:31	03/24/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.7*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:12*	*1*
Y Carrier	*74.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.313	U	0.331	0.332	5.00	0.544	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0177	U	0.0553	0.0553	1.00	0.107	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.9*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.410	U	0.340	0.342	1.00	0.532	pCi/L	03/03/25 07:31	03/24/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.9*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:12*	*1*
Y Carrier	*87.9*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.428	U	0.344	0.346	5.00	0.532	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0189	U	0.0804	0.0804	1.00	0.151	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.466	U	0.325	0.328	1.00	0.492	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*88.2*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.485	U	0.335	0.338	5.00	0.492	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0257	U	0.0643	0.0644	1.00	0.119	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.418	U	0.346	0.349	1.00	0.540	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*84.1*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.443	U	0.352	0.355	5.00	0.540	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0217	U	0.0664	0.0664	1.00	0.147	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.316	U	0.386	0.388	1.00	0.639	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*72.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.294	U	0.392	0.394	5.00	0.639	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-262261-8

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00790	U	0.0500	0.0500	1.00	0.110	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.482	U	0.353	0.356	1.00	0.540	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*81.1*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.474	U	0.357	0.359	5.00	0.540	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-262261-9

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.0897	0.0903	1.00	0.132	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Client Sample ID: SCH-CELL3-FD-10
Date Collected: 02/25/25 00:00
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262261-9
Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.315	U	0.320	0.322	1.00	0.516	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*85.2*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.427	U	0.332	0.334	5.00	0.516	pCi/L		03/31/25 09:41	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
680-262261-1	SCH-GWC-38	84.8
680-262261-2	SCH-GWC-37	84.8
680-262261-3	SCH-GWC-35	98.7
680-262261-4	SCH-GWC-34	92.9
680-262261-5	SCH-GWC-33A	99.0
680-262261-6	SCH-GWC-32	90.8
680-262261-7	SCH-GWC-31	88.5
680-262261-8	SCH-CELL3-FD-9	100
680-262261-9	SCH-CELL3-FD-10	88.0
680-262261-9 DU	SCH-CELL3-FD-10	86.9
LCS 160-705654/2-A	Lab Control Sample	90.6
MB 160-705654/1-A	Method Blank	89.3

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
680-262261-1	SCH-GWC-38	84.8	83.7
680-262261-2	SCH-GWC-37	84.8	80.0
680-262261-3	SCH-GWC-35	98.7	74.0
680-262261-4	SCH-GWC-34	92.9	87.9
680-262261-5	SCH-GWC-33A	99.0	88.2
680-262261-6	SCH-GWC-32	90.8	84.1
680-262261-7	SCH-GWC-31	88.5	72.5
680-262261-8	SCH-CELL3-FD-9	100	81.1
680-262261-9	SCH-CELL3-FD-10	88.0	85.2
680-262261-9 DU	SCH-CELL3-FD-10	86.9	79.6
LCS 160-705656/2-A	Lab Control Sample	90.6	84.1
MB 160-705656/1-A	Method Blank	89.3	85.6

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705654/1-A
Matrix: Water
Analysis Batch: 709930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705654

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01292	U	0.0864	0.0864	1.00	0.164	pCi/L	03/03/25 07:29	03/30/25 09:09	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:09*	*1*

Lab Sample ID: LCS 160-705654/2-A
Matrix: Water
Analysis Batch: 709931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705654

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.302		0.922	1.00	0.140	pCi/L	87	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.6*		*30 - 110*

Lab Sample ID: 680-262261-9 DU
Matrix: Water
Analysis Batch: 709931

Client Sample ID: SCH-CELL3-FD-10
Prep Type: Total/NA
Prep Batch: 705654

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.112	U		0.05626	U	0.0982	1.00	0.170	pCi/L			0.30	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*86.9*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705656/1-A
Matrix: Water
Analysis Batch: 709069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705656

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3853	U	0.322	0.324	1.00	0.500	pCi/L	03/03/25 07:31	03/24/25 12:02	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*
Y Carrier	*85.6*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-705656/2-A
Matrix: Water
Analysis Batch: 709069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705656

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.99	9.055		1.25	1.00	0.498	pCi/L	113	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.6*		*30 - 110*
Y Carrier	*84.1*		*30 - 110*

Lab Sample ID: 680-262261-9 DU
Matrix: Water
Analysis Batch: 709096

Client Sample ID: SCH-CELL3-FD-10
Prep Type: Total/NA
Prep Batch: 705656

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.315	U		-0.02906	U	0.322	1.00	0.609	pCi/L			0.53	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*86.9*		*30 - 110*
Y Carrier	*79.6*		*30 - 110*

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Rad

Prep Batch: 705654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	PrecSep-21	
680-262261-2	SCH-GWC-37	Total/NA	Water	PrecSep-21	
680-262261-3	SCH-GWC-35	Total/NA	Water	PrecSep-21	
680-262261-4	SCH-GWC-34	Total/NA	Water	PrecSep-21	
680-262261-5	SCH-GWC-33A	Total/NA	Water	PrecSep-21	
680-262261-6	SCH-GWC-32	Total/NA	Water	PrecSep-21	
680-262261-7	SCH-GWC-31	Total/NA	Water	PrecSep-21	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	PrecSep-21	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	PrecSep-21	
MB 160-705654/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705654/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-262261-9 DU	SCH-CELL3-FD-10	Total/NA	Water	PrecSep-21	

Prep Batch: 705656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	PrecSep_0	
680-262261-2	SCH-GWC-37	Total/NA	Water	PrecSep_0	
680-262261-3	SCH-GWC-35	Total/NA	Water	PrecSep_0	
680-262261-4	SCH-GWC-34	Total/NA	Water	PrecSep_0	
680-262261-5	SCH-GWC-33A	Total/NA	Water	PrecSep_0	
680-262261-6	SCH-GWC-32	Total/NA	Water	PrecSep_0	
680-262261-7	SCH-GWC-31	Total/NA	Water	PrecSep_0	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	PrecSep_0	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	PrecSep_0	
MB 160-705656/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705656/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262261-9 DU	SCH-CELL3-FD-10	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-262261-1

Date Collected: 02/25/25 14:55

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.91 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:24	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1004.91 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709069	03/24/25 12:02	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.54 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.54 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709069	03/24/25 12:02	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1008.35 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1008.35 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:12	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1006.01 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1006.01 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:12	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1006.96 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1006.96 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.87 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.87 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.37 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.37 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Job ID: 680-262261-2
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-GWC-31
Lab Sample ID: 680-262261-7
Date Collected: 02/25/25 15:11
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL

Client Sample ID: SCH-CELL3-FD-9
Lab Sample ID: 680-262261-8
Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.72 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.72 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FD-10
Lab Sample ID: 680-262261-9
Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.89 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.89 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262261-2
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company		Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb						Total Number of containers	
			Preservation Code:				N	N	D	D	D	D	D								
SCH-GWC-38	2/25/25	14:55	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-37	2/25/25	13:10	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-35	2/25/25	10:27	G	WG	N	N	X	X	X	X	X	X	X	X						8	Extra radium
SCH-GWC-34	2/25/25	13:40	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-33A	2/25/25	12:26	G	WG	N	N	X	X	X	X	X	X	X	X						8	Extra radium
SCH-GWC-32	2/25/25	10:24	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-31	2/25/25	15:11	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-CELL3-FD-9	2/25/25	-	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-CELL3-FD-10	2/25/25	-	G	WG	N	N	X	X	X	X	X	X	X	X						6	

680-262261 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/26/25 840	WSP	Yolanda Duncan	2/26/25 840	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795344.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262261-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/10/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWC-38 (680-262261-1)	2/25/25	14:55 Eastern	G	Water			X	X	X	2	
SCH-GWC-37 (680-262261-2)	2/25/25	13:10 Eastern	G	Water			X	X	X	2	
SCH-GWC-35 (680-262261-3)	2/25/25	10:27 Eastern	G	Water			X	X	X	4	
SCH-GWC-34 (680-262261-4)	2/25/25	13:40 Eastern	G	Water			X	X	X	2	
SCH-GWC-33A (680-262261-5)	2/25/25	12:26 Eastern	G	Water			X	X	X	4	
SCH-GWC-32 (680-262261-6)	2/25/25	10:24 Eastern	G	Water			X	X	X	2	
SCH-GWC-31 (680-262261-7)	2/25/25	15:11 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-9 (680-262261-8)	2/25/25	Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-10 (680-262261-9)	2/25/25	Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1400	Eurofins	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

3/31/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262261-2

Login Number: 262261

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262261-2

Login Number: 262261
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/28/25 11:33 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 4/22/2025 12:11:21 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262184-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
4/22/2025 12:11:21 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Job ID: 680-262184-2
Project/Site: CCR - Plant Scherer Cell 3

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262184-2
Project/Site: CCR - Plant Scherer Cell 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262184-1	SCH-GWA-39	Water	02/24/25 13:25	02/25/25 11:30
680-262184-2	SCH-GWA-40	Water	02/24/25 15:35	02/25/25 11:30

Job ID: 680-262184-2 — Eurofins Savannah

Job Narrative
680-262184-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/25/2025 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium 228 batch 705316
The LCS recovered at (74%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68-154%) per method requirements. The LCS passes, no further action is required (LCS 160-705316/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-262184-1

Date Collected: 02/24/25 13:25

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0678	U	0.0631	0.0634	1.00	0.0959	pCi/L	03/28/25 07:36	04/21/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/28/25 07:36*	*04/21/25 15:17*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0133	U	0.309	0.309	1.00	0.585	pCi/L	02/28/25 08:15	03/20/25 14:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:15*	*1*
Y Carrier	*82.6*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:15*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0811	U	0.315	0.315	5.00	0.585	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-262184-2

Date Collected: 02/24/25 15:35

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0245	U	0.0494	0.0494	1.00	0.0901	pCi/L	03/28/25 07:36	04/21/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*03/28/25 07:36*	*04/21/25 15:17*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0408	U	0.337	0.337	1.00	0.624	pCi/L	02/28/25 08:15	03/20/25 14:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:16*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:16*	*1*

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Client Sample ID: SCH-GWA-40
Date Collected: 02/24/25 15:35
Date Received: 02/25/25 11:30

Lab Sample ID: 680-262184-2
Matrix: Water

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0652	U	0.341	0.341	5.00	0.624	pCi/L		04/22/25 09:26	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
680-262184-1	SCH-GWA-39	84.6
680-262184-2	SCH-GWA-40	80.9
LCS 160-709797/2-A	Lab Control Sample	74.1
LCSD 160-709797/3-A	Lab Control Sample Dup	76.0
MB 160-709797/1-A	Method Blank	74.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
680-262176-J-2-B DU	Duplicate	91.6	83.0
680-262184-1	SCH-GWA-39	96.1	82.6
680-262184-2	SCH-GWA-40	94.0	83.4
LCS 160-705316/2-A	Lab Control Sample	92.7	80.4
MB 160-705316/1-A	Method Blank	85.3	81.9

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-709797/1-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709797

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01948	U	0.0561	0.0561	1.00	0.106	pCi/L	03/28/25 07:36	04/21/25 09:54	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.6*		*30 - 110*	*03/28/25 07:36*	*04/21/25 09:54*	*1*

Lab Sample ID: LCS 160-709797/2-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709797

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	11.09		1.16	1.00	0.107	pCi/L	116	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*74.1*		*30 - 110*

Lab Sample ID: LCSD 160-709797/3-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709797

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			9.58	9.902		1.05	1.00	0.0949	pCi/L	103	75 - 125	0.54	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*76.0*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705316/1-A
Matrix: Water
Analysis Batch: 708686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705316

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.07654	U	0.344	0.344	1.00	0.661	pCi/L	02/28/25 08:15	03/20/25 12:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*
Y Carrier	*81.9*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-705316/2-A
Matrix: Water
Analysis Batch: 708582

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705316

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.00	5.894		1.18	1.00	0.841	pCi/L	74	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.7*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Lab Sample ID: 680-262176-J-2-B DU
Matrix: Water
Analysis Batch: 708686

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705316

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.00785	U		0.04182	U	0.304	1.00	0.559	pCi/L			0.05	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*91.6*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Rad

Prep Batch: 705316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	PrecSep_0	
680-262184-2	SCH-GWA-40	Total/NA	Water	PrecSep_0	
MB 160-705316/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705316/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262176-J-2-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 709797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	PrecSep-21	
680-262184-2	SCH-GWA-40	Total/NA	Water	PrecSep-21	
MB 160-709797/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709797/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-709797/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-262184-1

Date Collected: 02/24/25 13:25

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.02 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 15:17	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1008.83 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708582	03/20/25 14:15	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-262184-2

Date Collected: 02/24/25 15:35

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.36 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 15:17	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.58 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1	1.0 mL	1.0 mL	708582	03/20/25 14:16	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262184-2
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company		Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes:
City: Atlanta	TAT Requested (days): 2 weeks			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			Other:
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			
Project Name: CCR - Plant Scherer Cell 3	Project #:			Task_Code: SCH-CCR-ASSMT-2025S1
Site:				Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D		
SCH-GWA-39	2/24/25	13:25	G	WG	N	N	X	X	X	X	X	X	X	X	6
SCH-GWA-40	2/24/25	15:35	G	WG	N	N	X	X	X	X	X	X	X	X	6

680-262184 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN/ [signature] / WSP	2/25/2025 830	WSP	[signature]	2/25/2025 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 2-25-25 1130	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.5/1.5

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795230.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262184-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/7/2025	Analysis Requested		Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWA-39 (680-262184-1)	2/24/25	13:25 Eastern	G	Water			X	X	X	2	
SCH-GWA-40 (680-262184-2)	2/24/25	15:35 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2-26-25 1415		M. Pinette	FEB 27 2025 0825	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262184-2

Login Number: 262184

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262184-2

Login Number: 262184
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/27/25 11:21 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/11/2025 6:39:56 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262300-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

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Authorization

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Authorized for release by
David Fuller, Project Manager
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Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262300-1	SCH-GWC-30	Water	02/26/25 12:15	02/27/25 11:31
680-262300-2	SCH-GWC-36	Water	02/26/25 09:33	02/27/25 11:31
680-262300-3	SCH-GWA-41	Water	02/26/25 13:50	02/27/25 11:31
680-262300-4	SCH-GWA-42	Water	02/26/25 14:45	02/27/25 11:31
680-262300-5	SCH-GWA-43	Water	02/26/25 13:00	02/27/25 11:31
680-262300-6	SCH-GWA-44A	Water	02/26/25 10:44	02/27/25 11:31
680-262300-7	SCH-GWA-54	Water	02/26/25 12:00	02/27/25 11:31
680-262300-8	SCH-CELL3-EB-9	Water	02/26/25 09:40	02/27/25 11:31
680-262300-9	SCH-CELL3-FB-9	Water	02/26/25 10:30	02/27/25 11:31
680-262300-10	SCH-CELL3-EB-10	Water	02/26/25 13:23	02/27/25 11:31
680-262300-11	SCH-CELL3-FB-10	Water	02/26/25 09:25	02/27/25 11:31

Job ID: 680-262300-1 — Eurofins Savannah

Job Narrative
680-262300-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/27/2025 11:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.9°C, 2.0°C, 2.1°C, 3.4°C and 4.2°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWA-42 (680-262300-4) and SCH-GWA-43 (680-262300-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-262300-1

Date Collected: 02/26/25 12:15

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**15**		2.0	0.80	mg/L			03/07/25 19:47	2
Fluoride	<0.080		0.20	0.080	mg/L			03/07/25 19:47	2
Chloride	**16**		2.0	0.40	mg/L			03/07/25 19:47	2

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:19	1
Barium	**0.027**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:19	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:54	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:19	1
Calcium	**20**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:19	1
Chromium	**0.0034**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:19	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:19	1
Copper	**0.0016**	**J**	0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:19	1
Lithium	**0.0029**	**J**	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:54	1
Magnesium	**10**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:19	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:19	1
Nickel	**0.0013**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:19	1
Potassium	**1.1**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:19	1
Selenium	**0.0024**	**J**	0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:19	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:19	1
Sodium	**10**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:19	1
Vanadium	**0.015**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:19	1
Zinc	**0.0030**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/11/25 11:25	03/11/25 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			02/28/25 23:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			02/28/25 23:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:45	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 19:57	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 19:57	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.8**		1.0	0.20	mg/L			03/07/25 19:57	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:17	1
Barium	**0.056**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:52	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:17	1
Calcium	**13**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:17	1
Chromium	**0.017**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:17	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:52	1
Magnesium	**11**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:17	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:17	1
Nickel	**0.0018**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:17	1
Potassium	**1.0**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:17	1
Sodium	**4.4**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:17	1
Vanadium	**0.0059**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:17	1
Zinc	**0.0059**		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/28/25 23:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/28/25 23:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:36	1
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 20:07	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 20:07	1
Chloride	**3.3**		1.0	0.20	mg/L			03/07/25 20:07	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:15	1
Barium	**0.017**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:50	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:15	1
Calcium	**16**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:15	1
Chromium	**0.0059**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:15	1
Cobalt	**0.00067**	**J**	0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:15	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:50	1
Magnesium	**6.6**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:15	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:15	1
Nickel	**0.0014**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:15	1
Potassium	**0.64**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:15	1
Sodium	**11**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:15	1
Vanadium	**0.012**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:15	1
Zinc	**0.0087**		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**87**		5.0	2.2	mg/L			02/28/25 23:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**87**		5.0	2.2	mg/L			02/28/25 23:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:27	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.69**	**J**	1.0	0.40	mg/L			03/07/25 20:16	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 20:16	1
Chloride	**3.8**		1.0	0.20	mg/L			03/07/25 20:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:17	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.089**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:17	1
Boron	**0.040**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:17	1
Calcium	**25**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:17	1
Chromium	**0.0041**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:17	1
Lithium	**0.0044**	**J B**	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:10	1
Magnesium	**13**	**F1**	0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:17	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 14:17	1
Nickel	**0.0023**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:17	1
Potassium	**1.4**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:17	1
Sodium	**14**	**F1**	0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:17	1
Vanadium	**0.014**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:17	1
Zinc	**0.0035**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**130**		5.0	2.2	mg/L			03/03/25 20:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**130**		5.0	2.2	mg/L			03/03/25 20:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:23	1
Total Dissolved Solids (SM 2540C-2011)	**180**		40	40	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 20:26	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 20:26	1
Chloride	**5.2**		1.0	0.20	mg/L			03/07/25 20:26	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:23	1
Barium	**0.050**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:23	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.035**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:23	1
Calcium	**27**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:23	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:23	1
Cobalt	**0.0079**		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:23	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:16	1
Magnesium	**15**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:23	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 14:23	1
Nickel	**0.0025**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:23	1
Potassium	**1.1**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:23	1
Sodium	**15**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:23	1
Vanadium	**0.0059**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:23	1
Zinc	**0.0033**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			03/03/25 17:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			03/03/25 17:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 17:55	1
Total Dissolved Solids (SM 2540C-2011)	**180**		40	40	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.4**		1.0	0.40	mg/L			03/07/25 20:55	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 20:55	1
Chloride	**6.9**		1.0	0.20	mg/L			03/07/25 20:55	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:28	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:28	1
Barium	**0.040**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:28	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 14:05	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:28	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:28	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**19**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:28	1
Chromium	**0.0066**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:28	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:28	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:28	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:28	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 14:05	1
Magnesium	**8.6**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:28	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:28	1
Nickel	**0.00050**	**J**	0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:28	1
Potassium	**1.4**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:28	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:28	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:28	1
Sodium	**6.9**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:28	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:28	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:28	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			03/03/25 18:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			03/03/25 18:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:04	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3.3**		1.0	0.40	mg/L			03/07/25 21:25	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 21:25	1
Chloride	**3.3**		1.0	0.20	mg/L			03/07/25 21:25	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:27	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:27	1
Barium	**0.097**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:27	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:27	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:27	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:27	1
Calcium	**9.4**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:27	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:27	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.0022**	**J**	0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:27	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:27	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:27	1
Lithium	**0.0034**	**J B**	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:20	1
Magnesium	**3.4**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:27	1
Molybdenum	**0.0020**	**J**	0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 14:27	1
Nickel	**0.00098**	**J**	0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:27	1
Potassium	**2.9**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:27	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:27	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:27	1
Sodium	**12**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:27	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:27	1
Vanadium	**0.0066**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:27	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			03/03/25 20:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			03/03/25 20:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:53	1
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 21:34	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 21:34	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 21:34	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:21	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:56	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:21	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:21	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:21	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:21	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:21	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:56	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:21	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:21	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:21	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:21	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:21	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:21	1
Vanadium	**0.0046**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:21	1
Zinc	**0.0046**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/11/25 11:25	03/11/25 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:44	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 21:44	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 21:44	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 21:44	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:23	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:59	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:23	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:23	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:23	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:23	1
Lithium	**0.0052**		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:59	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:23	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:23	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:23	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:23	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:23	1
Vanadium	**0.0044**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:23	1
Zinc	**0.0033**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:39	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:39	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:39	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 21:54	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 21:54	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 21:54	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:30	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:30	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:30	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 14:07	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:30	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:30	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:30	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:30	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:30	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:30	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:30	1
Lithium	**0.0020**	**J**	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 14:07	1
Magnesium	**0.025**	**J**	0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:30	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:30	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:30	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:30	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:30	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:30	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:30	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:30	1
Vanadium	**0.0042**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:30	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:10	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-262300-11

Date Collected: 02/26/25 09:25

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 22:04	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 22:04	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 22:04	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:25	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:25	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:25	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:25	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:25	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:25	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:25	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:25	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:25	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:25	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:25	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:18	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:25	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 14:25	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:25	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:25	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-CELL3-FB-10
Date Collected: 02/26/25 09:25
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262300-11
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:25	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:25	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:25	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:25	1
Vanadium	**0.0058**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:25	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:15	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/05/25 11:26	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-878140/48
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 17:50	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 17:50	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 17:50	1

Lab Sample ID: LCS 680-878140/49
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.9		mg/L		109	90 - 110		
Fluoride			2.00	2.13		mg/L		107	90 - 110		
Chloride			10.0	10.8		mg/L		108	90 - 110		

Lab Sample ID: LCSD 680-878140/50
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.9		mg/L		109	90 - 110	1	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	3	15
Chloride			10.0	10.1		mg/L		101	90 - 110	7	15

Lab Sample ID: 680-262300-6 MS
Matrix: Water
Analysis Batch: 878140

Client Sample ID: SCH-GWA-44A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	2.4		10.0	13.2		mg/L		108	80 - 120		
Fluoride	<0.040		2.00	1.93		mg/L		97	80 - 120		
Chloride	6.9		10.0	17.0		mg/L		102	80 - 120		

Lab Sample ID: 680-262300-6 MSD
Matrix: Water
Analysis Batch: 878140

Client Sample ID: SCH-GWA-44A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	2.4		10.0	13.5		mg/L		110	80 - 120	2	15
Fluoride	<0.040		2.00	1.90		mg/L		95	80 - 120	2	15
Chloride	6.9		10.0	16.9		mg/L		100	80 - 120	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877298/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:07	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:07	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877298/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 09:07	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:07	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/04/25 09:07	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:07	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/04/25 09:07	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/04/25 09:07	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:07	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/04/25 09:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:07	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/04/25 09:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:07	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:07	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:07	1

Lab Sample ID: MB 680-877298/1-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.00282	J	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:06	1

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0537		mg/L		107	80 - 120
Arsenic	0.100	0.111		mg/L		111	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0589		mg/L		118	80 - 120
Boron	0.400	0.431		mg/L		108	80 - 120
Cadmium	0.0500	0.0572		mg/L		114	80 - 120
Calcium	5.00	5.23		mg/L		105	80 - 120
Chromium	0.100	0.114		mg/L		114	80 - 120
Cobalt	0.0500	0.0531		mg/L		106	80 - 120
Copper	0.101	0.107		mg/L		105	80 - 120
Lead	0.500	0.564		mg/L		113	80 - 120
Magnesium	5.00	4.78		mg/L		96	80 - 120
Molybdenum	0.100	0.108		mg/L		108	80 - 120
Nickel	0.100	0.103		mg/L		103	80 - 120
Potassium	7.00	7.39		mg/L		106	80 - 120
Selenium	0.100	0.107		mg/L		107	80 - 120
Silver	0.0500	0.0577		mg/L		115	80 - 120
Sodium	5.00	5.25		mg/L		105	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.0500	0.0539		mg/L		108	80 - 120
Vanadium	0.100	0.115		mg/L		115	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.494		mg/L		99	80 - 120

Lab Sample ID: 680-262300-4 MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: SCH-GWA-42
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0508		mg/L		102	75 - 125
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125
Barium	0.089		0.100	0.172		mg/L		83	75 - 125
Beryllium	<0.00020		0.0500	0.0564		mg/L		113	75 - 125
Boron	0.040	J	0.400	0.434		mg/L		98	75 - 125
Cadmium	<0.000078		0.0500	0.0549		mg/L		110	75 - 125
Calcium	25		5.00	25.9	4	mg/L		24	75 - 125
Chromium	0.0041		0.100	0.110		mg/L		105	75 - 125
Cobalt	<0.00022		0.0500	0.0509		mg/L		102	75 - 125
Copper	<0.0011		0.101	0.101		mg/L		100	75 - 125
Lead	<0.00021		0.500	0.530		mg/L		106	75 - 125
Magnesium	13	F1	5.00	15.9	F1	mg/L		53	75 - 125
Molybdenum	<0.00086		0.100	0.104		mg/L		104	75 - 125
Nickel	0.0023		0.100	0.100		mg/L		98	75 - 125
Potassium	1.4		7.00	8.35		mg/L		99	75 - 125
Selenium	<0.00099		0.100	0.113		mg/L		113	75 - 125
Silver	<0.00039		0.0500	0.0550		mg/L		110	75 - 125
Sodium	14	F1	5.00	16.2	F1	mg/L		45	75 - 125
Thallium	<0.00026		0.0500	0.0510		mg/L		102	75 - 125
Vanadium	0.014		0.100	0.119		mg/L		105	75 - 125
Zinc	0.0035	J	0.100	0.105		mg/L		101	75 - 125

Lab Sample ID: 680-262300-4 MS
Matrix: Water
Analysis Batch: 877797

Client Sample ID: SCH-GWA-42
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0044	J B	0.500	0.503		mg/L		100	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262300-4 MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: SCH-GWA-42
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0511		mg/L		102	75 - 125	1	20
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125	1	20
Barium	0.089		0.100	0.174		mg/L		85	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0572		mg/L		114	75 - 125	1	20
Boron	0.040	J	0.400	0.430		mg/L		97	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0539		mg/L		108	75 - 125	2	20
Calcium	25		5.00	26.5	4	mg/L		35	75 - 125	2	20
Chromium	0.0041		0.100	0.111		mg/L		107	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0501		mg/L		100	75 - 125	2	20
Copper	<0.0011		0.101	0.100		mg/L		99	75 - 125	1	20
Lead	<0.00021		0.500	0.530		mg/L		106	75 - 125	0	20
Magnesium	13	F1	5.00	16.2	F1	mg/L		60	75 - 125	2	20
Molybdenum	<0.00086		0.100	0.102		mg/L		102	75 - 125	2	20
Nickel	0.0023		0.100	0.0983		mg/L		96	75 - 125	2	20
Potassium	1.4		7.00	8.28		mg/L		98	75 - 125	1	20
Selenium	<0.00099		0.100	0.0987		mg/L		99	75 - 125	14	20
Silver	<0.00039		0.0500	0.0544		mg/L		109	75 - 125	1	20
Sodium	14	F1	5.00	16.9	F1	mg/L		59	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.014		0.100	0.120		mg/L		106	75 - 125	0	20
Zinc	0.0035	J	0.100	0.105		mg/L		102	75 - 125	1	20

Lab Sample ID: 680-262300-4 MSD
Matrix: Water
Analysis Batch: 877797

Client Sample ID: SCH-GWA-42
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0044	J B	0.500	0.498		mg/L		99	75 - 125	1	20

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:05	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:05	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:05	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:05	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:05	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:05	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:05	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:05	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:05	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:05	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:05	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:05	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:05	1

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:40	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:40	1

Lab Sample ID: LCS 680-877299/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0496		mg/L		99	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Barium	0.100	0.0947		mg/L		95	80 - 120
Boron	0.400	0.371		mg/L		93	80 - 120
Cadmium	0.0500	0.0523		mg/L		105	80 - 120
Calcium	5.00	4.74		mg/L		95	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0495		mg/L		99	80 - 120
Copper	0.101	0.0986		mg/L		98	80 - 120
Lead	0.500	0.514		mg/L		103	80 - 120
Magnesium	5.00	4.43		mg/L		89	80 - 120
Molybdenum	0.100	0.0998		mg/L		100	80 - 120
Nickel	0.100	0.0973		mg/L		97	80 - 120
Potassium	7.00	6.86		mg/L		98	80 - 120
Selenium	0.100	0.0948		mg/L		95	80 - 120
Silver	0.0500	0.0532		mg/L		106	80 - 120
Sodium	5.00	4.73		mg/L		95	80 - 120
Thallium	0.0500	0.0493		mg/L		99	80 - 120
Vanadium	0.100	0.104		mg/L		104	80 - 120
Zinc	0.100	0.0994		mg/L		99	80 - 120

Lab Sample ID: LCS 680-877299/2-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0525		mg/L		105	80 - 120
Lithium	0.500	0.499		mg/L		100	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0511		mg/L		102	75 - 125
Arsenic	0.00096	J	0.100	0.106		mg/L		105	75 - 125
Barium	0.052		0.100	0.150		mg/L		98	75 - 125
Boron	0.026	J	0.400	0.403		mg/L		94	75 - 125
Cadmium	<0.000078		0.0500	0.0532		mg/L		106	75 - 125
Calcium	8.2		5.00	12.9		mg/L		95	75 - 125
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125
Cobalt	<0.00022		0.0500	0.0504		mg/L		101	75 - 125
Copper	0.0016	J	0.101	0.101		mg/L		99	75 - 125
Lead	<0.00021		0.500	0.524		mg/L		105	75 - 125
Magnesium	1.5		5.00	5.98		mg/L		89	75 - 125
Molybdenum	<0.00086		0.100	0.101		mg/L		101	75 - 125
Nickel	0.0010		0.100	0.0982		mg/L		97	75 - 125
Potassium	3.0		7.00	9.88		mg/L		98	75 - 125
Selenium	<0.00099		0.100	0.103		mg/L		103	75 - 125
Silver	<0.00039		0.0500	0.0542		mg/L		108	75 - 125
Sodium	1.8		5.00	6.54		mg/L		96	75 - 125
Thallium	<0.00026		0.0500	0.0506		mg/L		101	75 - 125
Vanadium	0.0031		0.100	0.108		mg/L		105	75 - 125
Zinc	0.0054		0.100	0.103		mg/L		97	75 - 125

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.00020		0.0500	0.0520		mg/L		104	75 - 125
Lithium	<0.0020		0.500	0.487		mg/L		97	75 - 125

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0526		mg/L		105	75 - 125	3	20
Arsenic	0.00096	J	0.100	0.111		mg/L		110	75 - 125	5	20
Barium	0.052		0.100	0.156		mg/L		104	75 - 125	4	20
Boron	0.026	J	0.400	0.419		mg/L		98	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0566		mg/L		113	75 - 125	6	20
Calcium	8.2		5.00	13.6		mg/L		109	75 - 125	5	20
Chromium	<0.0012		0.100	0.113		mg/L		113	75 - 125	5	20
Cobalt	<0.00022		0.0500	0.0534		mg/L		107	75 - 125	6	20
Copper	0.0016	J	0.101	0.107		mg/L		104	75 - 125	6	20
Lead	<0.00021		0.500	0.553		mg/L		111	75 - 125	6	20
Magnesium	1.5		5.00	6.32		mg/L		96	75 - 125	6	20
Molybdenum	<0.00086		0.100	0.108		mg/L		108	75 - 125	6	20
Nickel	0.0010		0.100	0.104		mg/L		103	75 - 125	6	20
Potassium	3.0		7.00	10.4		mg/L		105	75 - 125	5	20
Selenium	<0.00099		0.100	0.104		mg/L		104	75 - 125	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	<0.00039		0.0500	0.0574		mg/L		115	75 - 125	6	20
Sodium	1.8		5.00	6.61		mg/L		97	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0529		mg/L		106	75 - 125	4	20
Vanadium	0.0031		0.100	0.113		mg/L		110	75 - 125	4	20
Zinc	0.0054		0.100	0.110		mg/L		105	75 - 125	7	20

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.00020		0.0500	0.0554		mg/L		111	75 - 125	6	20
Lithium	<0.0020		0.500	0.521		mg/L		104	75 - 125	7	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878173/1-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878173

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 16:45	1

Lab Sample ID: LCS 680-878173/2-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878173

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00254		mg/L		101	80 - 120		

Lab Sample ID: 400-271705-C-1-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120		

Lab Sample ID: 400-271705-C-1-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	1	20

Lab Sample ID: MB 680-878400/1-A
Matrix: Water
Analysis Batch: 878457

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/11/25 11:25	03/11/25 14:17	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-878400/2-A
Matrix: Water
Analysis Batch: 878457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878400

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00266		mg/L		106	80 - 120		

Lab Sample ID: 680-262215-C-1-C MSD
Matrix: Water
Analysis Batch: 878457

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878400

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00104		mg/L		104	80 - 120	5	20

Lab Sample ID: 680-262215-D-1-C MS
Matrix: Water
Analysis Batch: 878457

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878400

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00110		mg/L		110	80 - 120		

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877565/4
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1

Lab Sample ID: LCS 680-877565/6
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	241		mg/L		96	90 - 112		

Lab Sample ID: 680-262298-B-8 DU
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	43			38.1		mg/L				11	30
Bicarbonate Alkalinity as CaCO3	43			38.1		mg/L				11	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: MB 680-877752/4
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/03/25 14:07	1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: MB 680-877752/4
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			03/03/25 14:07	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			03/03/25 14:07	1

Lab Sample ID: LCS 680-877752/6
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	243		mg/L		97	90 - 112		

Lab Sample ID: LCSD 680-877752/31
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	251		mg/L		101	90 - 112	3	30

Lab Sample ID: 240-219611-K-5 DU
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	3.8	J		<2.2		mg/L				NC	30
Bicarbonate Alkalinity as CaCO3	3.8	J		<2.2		mg/L				NC	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: MB 680-877754/4
Matrix: Water
Analysis Batch: 877754

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/03/25 19:58	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			03/03/25 19:58	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			03/03/25 19:58	1

Lab Sample ID: LCS 680-877754/6
Matrix: Water
Analysis Batch: 877754

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	246		mg/L		98	90 - 112		

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCSD 680-877754/31
Matrix: Water
Analysis Batch: 877754

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	252		mg/L		101	90 - 112	2	30

Lab Sample ID: 680-262300-4 DU
Matrix: Water
Analysis Batch: 877754

Client Sample ID: SCH-GWA-42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	130			125		mg/L				0.3	30
Bicarbonate Alkalinity as CaCO3	130			125		mg/L				0.3	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877843/1
Matrix: Water
Analysis Batch: 877843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/05/25 11:26	1

Lab Sample ID: LCS 680-877843/2
Matrix: Water
Analysis Batch: 877843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2430		mg/L		100	80 - 120		

Lab Sample ID: LCSD 680-877843/3
Matrix: Water
Analysis Batch: 877843

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	2	25

Lab Sample ID: 680-262300-5 DU
Matrix: Water
Analysis Batch: 877843

Client Sample ID: SCH-GWA-43
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	180			176		mg/L				3	5

HPLC/IC

Analysis Batch: 878140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	300.0-1993 R2.1	
680-262300-2	SCH-GWC-36	Total/NA	Water	300.0-1993 R2.1	
680-262300-3	SCH-GWA-41	Total/NA	Water	300.0-1993 R2.1	
680-262300-4	SCH-GWA-42	Total/NA	Water	300.0-1993 R2.1	
680-262300-5	SCH-GWA-43	Total/NA	Water	300.0-1993 R2.1	
680-262300-6	SCH-GWA-44A	Total/NA	Water	300.0-1993 R2.1	
680-262300-7	SCH-GWA-54	Total/NA	Water	300.0-1993 R2.1	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	300.0-1993 R2.1	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	300.0-1993 R2.1	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	300.0-1993 R2.1	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	300.0-1993 R2.1	
MB 680-878140/48	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878140/49	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878140/50	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262300-6 MS	SCH-GWA-44A	Total/NA	Water	300.0-1993 R2.1	
680-262300-6 MSD	SCH-GWA-44A	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-4	SCH-GWA-42	Total Recoverable	Water	3005A	
680-262300-5	SCH-GWA-43	Total Recoverable	Water	3005A	
680-262300-7	SCH-GWA-54	Total Recoverable	Water	3005A	
680-262300-11	SCH-CELL3-FB-10	Total Recoverable	Water	3005A	
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262300-4 MS	SCH-GWA-42	Total Recoverable	Water	3005A	
680-262300-4 MSD	SCH-GWA-42	Total Recoverable	Water	3005A	

Prep Batch: 877299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total Recoverable	Water	3005A	
680-262300-2	SCH-GWC-36	Total Recoverable	Water	3005A	
680-262300-3	SCH-GWA-41	Total Recoverable	Water	3005A	
680-262300-6	SCH-GWA-44A	Total Recoverable	Water	3005A	
680-262300-8	SCH-CELL3-EB-9	Total Recoverable	Water	3005A	
680-262300-9	SCH-CELL3-FB-9	Total Recoverable	Water	3005A	
680-262300-10	SCH-CELL3-EB-10	Total Recoverable	Water	3005A	
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total Recoverable	Water	6020B	877299
680-262300-2	SCH-GWC-36	Total Recoverable	Water	6020B	877299
680-262300-3	SCH-GWA-41	Total Recoverable	Water	6020B	877299
680-262300-4	SCH-GWA-42	Total Recoverable	Water	6020B	877298
680-262300-5	SCH-GWA-43	Total Recoverable	Water	6020B	877298

Metals (Continued)

Analysis Batch: 877677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-6	SCH-GWA-44A	Total Recoverable	Water	6020B	877299
680-262300-7	SCH-GWA-54	Total Recoverable	Water	6020B	877298
680-262300-8	SCH-CELL3-EB-9	Total Recoverable	Water	6020B	877299
680-262300-9	SCH-CELL3-FB-9	Total Recoverable	Water	6020B	877299
680-262300-10	SCH-CELL3-EB-10	Total Recoverable	Water	6020B	877299
680-262300-11	SCH-CELL3-FB-10	Total Recoverable	Water	6020B	877298
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	6020B	877298
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	6020B	877299
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877298
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877299
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	6020B	877299
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877299
680-262300-4 MS	SCH-GWA-42	Total Recoverable	Water	6020B	877298
680-262300-4 MSD	SCH-GWA-42	Total Recoverable	Water	6020B	877298

Analysis Batch: 877797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total Recoverable	Water	6020B	877299
680-262300-2	SCH-GWC-36	Total Recoverable	Water	6020B	877299
680-262300-3	SCH-GWA-41	Total Recoverable	Water	6020B	877299
680-262300-4	SCH-GWA-42	Total Recoverable	Water	6020B	877298
680-262300-5	SCH-GWA-43	Total Recoverable	Water	6020B	877298
680-262300-6	SCH-GWA-44A	Total Recoverable	Water	6020B	877299
680-262300-7	SCH-GWA-54	Total Recoverable	Water	6020B	877298
680-262300-8	SCH-CELL3-EB-9	Total Recoverable	Water	6020B	877299
680-262300-9	SCH-CELL3-FB-9	Total Recoverable	Water	6020B	877299
680-262300-10	SCH-CELL3-EB-10	Total Recoverable	Water	6020B	877299
680-262300-11	SCH-CELL3-FB-10	Total Recoverable	Water	6020B	877298
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	6020B	877298
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	6020B	877299
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877298
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877299
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	6020B	877299
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877299
680-262300-4 MS	SCH-GWA-42	Total Recoverable	Water	6020B	877298
680-262300-4 MSD	SCH-GWA-42	Total Recoverable	Water	6020B	877298

Prep Batch: 878173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-2	SCH-GWC-36	Total/NA	Water	7470A	
680-262300-3	SCH-GWA-41	Total/NA	Water	7470A	
680-262300-4	SCH-GWA-42	Total/NA	Water	7470A	
680-262300-5	SCH-GWA-43	Total/NA	Water	7470A	
680-262300-6	SCH-GWA-44A	Total/NA	Water	7470A	
680-262300-7	SCH-GWA-54	Total/NA	Water	7470A	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	7470A	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	7470A	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	7470A	
MB 680-878173/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878173/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271705-C-1-C MS	Matrix Spike	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 878173 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-271705-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-2	SCH-GWC-36	Total/NA	Water	7470A	878173
680-262300-3	SCH-GWA-41	Total/NA	Water	7470A	878173
680-262300-4	SCH-GWA-42	Total/NA	Water	7470A	878173
680-262300-5	SCH-GWA-43	Total/NA	Water	7470A	878173
680-262300-6	SCH-GWA-44A	Total/NA	Water	7470A	878173
680-262300-7	SCH-GWA-54	Total/NA	Water	7470A	878173
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	7470A	878173
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	7470A	878173
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	7470A	878173
MB 680-878173/1-A	Method Blank	Total/NA	Water	7470A	878173
LCS 680-878173/2-A	Lab Control Sample	Total/NA	Water	7470A	878173
400-271705-C-1-C MS	Matrix Spike	Total/NA	Water	7470A	878173
400-271705-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878173

Prep Batch: 878400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	7470A	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	7470A	
MB 680-878400/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878400/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262215-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
680-262215-D-1-C MS	Matrix Spike	Total/NA	Water	7470A	

Analysis Batch: 878457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	7470A	878400
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	7470A	878400
MB 680-878400/1-A	Method Blank	Total/NA	Water	7470A	878400
LCS 680-878400/2-A	Lab Control Sample	Total/NA	Water	7470A	878400
680-262215-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878400
680-262215-D-1-C MS	Matrix Spike	Total/NA	Water	7470A	878400

General Chemistry

Analysis Batch: 877565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	2320B-2011	
680-262300-2	SCH-GWC-36	Total/NA	Water	2320B-2011	
680-262300-3	SCH-GWA-41	Total/NA	Water	2320B-2011	
MB 680-877565/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877565/6	Lab Control Sample	Total/NA	Water	2320B-2011	
680-262298-B-8 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-5	SCH-GWA-43	Total/NA	Water	2320B-2011	
680-262300-6	SCH-GWA-44A	Total/NA	Water	2320B-2011	

General Chemistry (Continued)

Analysis Batch: 877752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	2320B-2011	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	2320B-2011	
MB 680-877752/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877752/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877752/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
240-219611-K-5 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-4	SCH-GWA-42	Total/NA	Water	2320B-2011	
680-262300-7	SCH-GWA-54	Total/NA	Water	2320B-2011	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	2320B-2011	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	2320B-2011	
MB 680-877754/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877754/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877754/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262300-4 DU	SCH-GWA-42	Total/NA	Water	2320B-2011	

Analysis Batch: 877843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	2540C-2011	
680-262300-2	SCH-GWC-36	Total/NA	Water	2540C-2011	
680-262300-3	SCH-GWA-41	Total/NA	Water	2540C-2011	
680-262300-4	SCH-GWA-42	Total/NA	Water	2540C-2011	
680-262300-5	SCH-GWA-43	Total/NA	Water	2540C-2011	
680-262300-6	SCH-GWA-44A	Total/NA	Water	2540C-2011	
680-262300-7	SCH-GWA-54	Total/NA	Water	2540C-2011	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	2540C-2011	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	2540C-2011	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	2540C-2011	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	2540C-2011	
MB 680-877843/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877843/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877843/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262300-5 DU	SCH-GWA-43	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-262300-1

Date Collected: 02/26/25 12:15

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	878140	03/07/25 19:47	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:54	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:19	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878400	03/11/25 11:25	MG	EET SAV
Total/NA	Analysis	7470A		1			878457	03/11/25 14:40	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:45	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 19:57	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:52	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:17	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:34	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:36	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 20:07	BS	EET SAV
	Instrument ID: CICP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:50	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:15	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:37	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:27	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 20:16	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 15:10	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:17	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:20	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877754	03/03/25 20:23	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 20:26	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 15:16	BWR	EET SAV
	Instrument ID: ICPMSD									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:23	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:23	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877752	03/03/25 17:55	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 20:55	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 14:05	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:28	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:39	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877752	03/03/25 18:04	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 21:25	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 15:20	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:27	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:44	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877754	03/03/25 20:53	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 21:34	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:56	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:21	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878400	03/11/25 11:25	MG	EET SAV
Total/NA	Analysis	7470A		1			878457	03/11/25 14:33	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877754	03/03/25 20:44	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 21:44	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:59	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:23	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:25	BJB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877754	03/03/25 20:39	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 21:54	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 14:07	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:30	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:41	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877752	03/03/25 18:10	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-262300-11

Date Collected: 02/26/25 09:25

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 22:04	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 15:18	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:25	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:32	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877752	03/03/25 18:15	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262300-1
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb						Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D							
SCH-GWC-30	2/26/25	12:15	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWC-36	2/26/25	09:33	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-41	2/26/25	13:50	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-42	2/26/25	14:45	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-43	2/26/25	13:00	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-44A	2/26/25	10:44	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-54	2/26/25	12:00	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-EB-9	2/26/25	09:40	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-FB-9	2/26/25	10:30	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-EB-10	2/26/25	13:23	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-FB-10	2/26/25	09:25	G	WQ	N	N	X	X	X	X	X	X	X	X						6

680-262300 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/27/25 830	WSP	Yolanda Duncan	2/27/25 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4/3.4 2.0/2.0 2.1/2.1 0.9/0.9 4.2/4.2

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795363.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262300-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/11/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWC-30 (680-262300-1)	2/26/25	12:15 Eastern	G	Water			X	X	X	2	
SCH-GWC-36 (680-262300-2)	2/26/25	09:33 Eastern	G	Water			X	X	X	2	
SCH-GWA-41 (680-262300-3)	2/26/25	13:50 Eastern	G	Water			X	X	X	2	
SCH-GWA-42 (680-262300-4)	2/26/25	14:45 Eastern	G	Water			X	X	X	2	
SCH-GWA-43 (680-262300-5)	2/26/25	13:00 Eastern	G	Water			X	X	X	2	
SCH-GWA-44A (680-262300-6)	2/26/25	10:44 Eastern	G	Water			X	X	X	2	
SCH-GWA-54 (680-262300-7)	2/26/25	12:00 Eastern	G	Water			X	X	X	2	
SCH-CELL3-EB-9 (680-262300-8)	2/26/25	09:40 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FB-9 (680-262300-9)	2/26/25	10:30 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1553	E-Sav	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795363.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262300-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/11/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-CELL3-EB-10 (680-262300-10)	2/26/25	13:23 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FB-10 (680-262300-11)	2/26/25	09:25 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/27/25 1553	E-Sav	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262300-1

Login Number: 262300

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/10/2025 5:47:57 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262261-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
3/10/2025 5:47:57 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262261-1	SCH-GWC-38	Water	02/25/25 14:55	02/26/25 12:00
680-262261-2	SCH-GWC-37	Water	02/25/25 13:10	02/26/25 12:00
680-262261-3	SCH-GWC-35	Water	02/25/25 10:27	02/26/25 12:00
680-262261-4	SCH-GWC-34	Water	02/25/25 13:40	02/26/25 12:00
680-262261-5	SCH-GWC-33A	Water	02/25/25 12:26	02/26/25 12:00
680-262261-6	SCH-GWC-32	Water	02/25/25 10:24	02/26/25 12:00
680-262261-7	SCH-GWC-31	Water	02/25/25 15:11	02/26/25 12:00
680-262261-8	SCH-CELL3-FD-9	Water	02/25/25 00:00	02/26/25 12:00
680-262261-9	SCH-CELL3-FD-10	Water	02/25/25 00:00	02/26/25 12:00

Job ID: 680-262261-1 — Eurofins Savannah

Job Narrative
680-262261-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/26/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.9°C, 2.1°C, 3.3°C, 3.4°C and 4.0°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877916 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877958 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877958 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride and Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-878139 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-35 (680-262261-3) and SCH-CELL3-FD-9 (680-262261-8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-262261-1

Date Collected: 02/25/25 14:55
Matrix: Water
Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.7**		1.0	0.40	mg/L			03/05/25 20:38	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 20:38	1
Chloride	**1.9**		1.0	0.20	mg/L			03/05/25 20:38	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:37	1
Barium	**0.034**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:37	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:37	1
Calcium	**15**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:37	1
Chromium	**0.0083**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:37	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 12:54	1
Magnesium	**8.2**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:37	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:37	1
Nickel	**0.00045**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:37	1
Potassium	**1.2**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:37	1
Selenium	**0.0015**	**J B**	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:37	1
Sodium	**6.8**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:37	1
Vanadium	**0.014**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:37	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**83**		5.0	2.2	mg/L			02/27/25 19:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**83**		5.0	2.2	mg/L			02/27/25 19:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 19:36	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10
Matrix: Water
Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40	F1	1.0	0.40	mg/L			03/06/25 15:53	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/06/25 15:53	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.6**	**F1**	1.0	0.20	mg/L			03/06/25 15:53	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:42	1
Barium	**0.042**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:42	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:42	1
Calcium	**14**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:42	1
Chromium	**0.021**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:42	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 13:03	1
Magnesium	**8.7**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:42	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:42	1
Nickel	**0.00078**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:42	1
Potassium	**0.82**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:42	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:42	1
Sodium	**6.2**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:42	1
Vanadium	**0.0062**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:42	1
Zinc	**0.0041**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**82**		5.0	2.2	mg/L			02/27/25 23:19	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**82**		5.0	2.2	mg/L			02/27/25 23:19	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 23:19	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**87**		5.0	2.0	mg/L			03/06/25 17:02	5
Fluoride	<0.20		0.50	0.20	mg/L			03/06/25 17:02	5
Chloride	**14**		5.0	1.0	mg/L			03/06/25 17:02	5

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:40	1
Barium	**0.028**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:40	1
Boron	**0.44**		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:40	1
Calcium	**21**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:40	1
Lead	**0.00065**	**J**	0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:40	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 12:59	1
Magnesium	**14**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:40	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:40	1
Nickel	**0.00067**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:40	1
Potassium	**1.0**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:40	1
Sodium	**27**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:40	1
Vanadium	**0.0064**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**66**		5.0	2.2	mg/L			02/27/25 20:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**66**		5.0	2.2	mg/L			02/27/25 20:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 20:53	1
Total Dissolved Solids (SM 2540C-2011)	**230**		40	40	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/06/25 17:12	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 17:12	1
Chloride	**2.9**		1.0	0.20	mg/L			03/06/25 17:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:17	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.034**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:17	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:17	1
Calcium	**13**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:17	1
Chromium	**0.012**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:17	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:40	1
Magnesium	**8.9**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:17	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:17	1
Nickel	**0.00053**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:17	1
Potassium	**0.59**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:17	1
Sodium	**6.1**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:17	1
Vanadium	**0.0071**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:17	1
Zinc	**0.0030**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/27/25 23:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/27/25 23:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 23:37	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.76**	**J**	1.0	0.40	mg/L			03/06/25 17:21	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 17:21	1
Chloride	**4.4**		1.0	0.20	mg/L			03/06/25 17:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:19	1
Barium	**0.028**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:19	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:19	1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:19	1
Calcium	**17**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:19	1
Chromium	**0.0052**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:19	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:19	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:19	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:45	1
Magnesium	**5.9**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:19	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:19	1
Nickel	**0.00044**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:19	1
Potassium	**0.71**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:19	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:19	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:19	1
Sodium	**10**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:19	1
Vanadium	**0.012**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:19	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**77**		5.0	2.2	mg/L			02/27/25 21:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**77**		5.0	2.2	mg/L			02/27/25 21:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 21:11	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.8**		1.0	0.40	mg/L			03/06/25 17:31	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 17:31	1
Chloride	**2.9**		1.0	0.20	mg/L			03/06/25 17:31	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:29	1
Barium	**0.019**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:29	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:29	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**16**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:29	1
Chromium	**0.0026**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:29	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:53	1
Magnesium	**6.0**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:29	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:29	1
Nickel	**0.00096**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:29	1
Potassium	**0.57**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:29	1
Sodium	**11**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:29	1
Vanadium	**0.0066**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**80**		5.0	2.2	mg/L			02/27/25 20:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**80**		5.0	2.2	mg/L			02/27/25 20:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 20:35	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.1**		1.0	0.40	mg/L			03/06/25 17:41	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 17:41	1
Chloride	**4.0**		1.0	0.20	mg/L			03/06/25 17:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:29	1
Barium	**0.014**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:29	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:29	1
Calcium	**17**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:29	1
Chromium	**0.0025**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:29	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:29	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 12:34	1
Magnesium	**8.3**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:29	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:29	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:29	1
Potassium	**1.1**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:29	1
Selenium	**0.0012**	**J B**	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:29	1
Silver	<0.00039	F1	0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:29	1
Sodium	**15**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:29	1
Vanadium	**0.015**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**99**		5.0	2.2	mg/L			02/27/25 20:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**99**		5.0	2.2	mg/L			02/27/25 20:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 20:44	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-262261-8

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**87**		5.0	2.0	mg/L			03/07/25 14:35	5
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 18:30	1
Chloride	**15**	**F1**	1.0	0.20	mg/L			03/06/25 18:30	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:32	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:32	1
Barium	**0.029**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:32	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:32	1
Boron	**0.47**		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:32	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:32	1
Calcium	**22**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:32	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:32	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:32	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-262261-8

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:32	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:57	1
Magnesium	**15**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:32	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:32	1
Nickel	**0.00064**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:32	1
Potassium	**1.0**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:32	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:32	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:32	1
Sodium	**29**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:32	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:32	1
Vanadium	**0.0065**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:32	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/27/25 21:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/27/25 21:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 21:32	1
Total Dissolved Solids (SM 2540C-2011)	**220**		40	40	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-262261-9

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**23**		1.0	0.40	mg/L			03/06/25 19:00	1
Fluoride	**0.31**		0.10	0.040	mg/L			03/06/25 19:00	1
Chloride	**5.3**		1.0	0.20	mg/L			03/06/25 19:00	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:35	1
Barium	**0.020**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:35	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:35	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:35	1
Calcium	**15**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:35	1
Chromium	**0.0025**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:35	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 11:09	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-CELL3-FD-10
Date Collected: 02/25/25 00:00
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262261-9
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**6.0**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:35	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:35	1
Nickel	**0.0010**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:35	1
Potassium	**0.56**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:35	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:35	1
Sodium	**11**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:35	1
Vanadium	**0.0059**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:35	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**79**		5.0	2.2	mg/L			02/27/25 21:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**79**		5.0	2.2	mg/L			02/27/25 21:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 21:02	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 14:16	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877916/33
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 18:21	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 18:21	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 18:21	1

Lab Sample ID: LCS 680-877916/34
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.4		mg/L		104	90 - 110
Fluoride	2.00	2.06		mg/L		103	90 - 110
Chloride	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-877916/35
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.4		mg/L		104	90 - 110	0	15
Fluoride	2.00	2.06		mg/L		103	90 - 110	0	15
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15

Lab Sample ID: 680-262255-D-7 MS
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	0.48	J F1 F2	10.0	4.66	F1	mg/L		42	80 - 120
Fluoride	<0.040	F1 F2	2.00	0.996	F1	mg/L		50	80 - 120
Chloride	3.9	F1 F2	10.0	9.61	F1	mg/L		57	80 - 120

Lab Sample ID: 680-262255-D-7 MSD
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	0.48	J F1 F2	10.0	10.2	F2	mg/L		97	80 - 120	74	15
Fluoride	<0.040	F1 F2	2.00	1.89	F2	mg/L		94	80 - 120	62	15
Chloride	3.9	F1 F2	10.0	14.1	F2	mg/L		102	80 - 120	38	15

Lab Sample ID: MB 680-877958/2
Matrix: Water
Analysis Batch: 877958

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/06/25 09:34	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 09:34	1
Chloride	<0.20		1.0	0.20	mg/L			03/06/25 09:34	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-877958/3
Matrix: Water
Analysis Batch: 877958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	11.0		mg/L		110	90 - 110
Fluoride	2.00	2.18		mg/L		109	90 - 110
Chloride	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-877958/4
Matrix: Water
Analysis Batch: 877958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.9		mg/L		109	90 - 110	1	15
Fluoride	2.00	2.17		mg/L		108	90 - 110	1	15
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15

Lab Sample ID: 680-262261-2 MS
Matrix: Water
Analysis Batch: 877958

Client Sample ID: SCH-GWC-37
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	<0.40	F1	10.0	7.29	F1	mg/L		73	80 - 120
Fluoride	<0.040	F1	2.00	1.53	F1	mg/L		76	80 - 120
Chloride	1.6	F1	10.0	9.54	F1	mg/L		79	80 - 120

Lab Sample ID: 680-262261-2 MSD
Matrix: Water
Analysis Batch: 877958

Client Sample ID: SCH-GWC-37
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<0.40	F1	10.0	6.57	F1	mg/L		66	80 - 120	10	15
Fluoride	<0.040	F1	2.00	1.43	F1	mg/L		71	80 - 120	7	15
Chloride	1.6	F1	10.0	9.01	F1	mg/L		74	80 - 120	6	15

Lab Sample ID: 680-262261-8 MS
Matrix: Water
Analysis Batch: 877958

Client Sample ID: SCH-CELL3-FD-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	110	E	10.0	122	E 4	mg/L		116	80 - 120
Fluoride	<0.040		2.00	1.77		mg/L		88	80 - 120
Chloride	15	F1	10.0	22.9	E F1	mg/L		78	80 - 120

Lab Sample ID: 680-262261-8 MSD
Matrix: Water
Analysis Batch: 877958

Client Sample ID: SCH-CELL3-FD-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	110	E	10.0	123	E 4	mg/L		122	80 - 120	1	15
Fluoride	<0.040		2.00	1.85		mg/L		92	80 - 120	4	15
Chloride	15	F1	10.0	23.2	E	mg/L		81	80 - 120	1	15

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 680-878139/2
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 11:51	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 11:51	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 11:51	1

Lab Sample ID: LCS 680-878139/3
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.9		mg/L		109	90 - 110
Fluoride	2.00	2.07		mg/L		104	90 - 110
Chloride	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCSD 680-878139/4
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	11.0		mg/L		110	90 - 110	1	15
Fluoride	2.00	2.06		mg/L		103	90 - 110	0	15
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15

Lab Sample ID: 752-29902-A-1 MS
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10	F1 F2	10.0	18.0	F1	mg/L		76	80 - 120
Fluoride	<0.040	F1 F2	2.00	1.40	F1	mg/L		70	80 - 120
Chloride	2.0	F1	10.0	7.87	F1	mg/L		59	80 - 120

Lab Sample ID: 752-29902-A-1 MSD
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10	F1 F2	10.0	14.6	F1 F2	mg/L		43	80 - 120	21	15
Fluoride	<0.040	F1 F2	2.00	0.916	F1 F2	mg/L		46	80 - 120	41	15
Chloride	2.0	F1	10.0	7.12	F1	mg/L		52	80 - 120	10	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:24	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:24	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:24	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:24	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:24	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:24	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:24	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:24	1
Selenium	0.00140	J	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:24	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:24	1

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 12:26	1

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0497		mg/L		99	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.387		mg/L		97	80 - 120
Cadmium	0.0500	0.0528		mg/L		106	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0544		mg/L		109	80 - 120
Copper	0.101	0.108		mg/L		107	80 - 120
Lead	0.500	0.523		mg/L		105	80 - 120
Magnesium	5.00	4.81		mg/L		96	80 - 120
Molybdenum	0.100	0.101		mg/L		101	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	7.51		mg/L		107	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0500	0.0525		mg/L		105	80 - 120
Sodium	5.00	4.99		mg/L		100	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.0500	0.0515		mg/L		103	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.477		mg/L		95	80 - 120

Lab Sample ID: 680-262261-7 MS
Matrix: Water
Analysis Batch: 877339

Client Sample ID: SCH-GWC-31
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0515		mg/L		103	75 - 125
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125
Barium	0.014		0.100	0.118		mg/L		104	75 - 125
Beryllium	<0.00020		0.0500	0.0543		mg/L		109	75 - 125
Boron	<0.022		0.400	0.424		mg/L		106	75 - 125
Cadmium	<0.000078		0.0500	0.0534		mg/L		107	75 - 125
Calcium	17		5.00	21.3		mg/L		95	75 - 125
Chromium	0.0025		0.100	0.109		mg/L		106	75 - 125
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	<0.00021		0.500	0.522		mg/L		104	75 - 125
Magnesium	8.3		5.00	12.6		mg/L		87	75 - 125
Molybdenum	<0.00086		0.100	0.104		mg/L		104	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Potassium	1.1		7.00	8.73		mg/L		109	75 - 125
Selenium	0.0012	J B	0.100	0.105		mg/L		104	75 - 125
Silver	<0.00039	F1	0.0500	0.0632	F1	mg/L		126	75 - 125
Sodium	15		5.00	19.9		mg/L		89	75 - 125
Thallium	<0.00026		0.0500	0.0522		mg/L		104	75 - 125
Vanadium	0.015		0.100	0.120		mg/L		105	75 - 125
Zinc	<0.0028		0.100	0.107		mg/L		107	75 - 125

Lab Sample ID: 680-262261-7 MS
Matrix: Water
Analysis Batch: 877468

Client Sample ID: SCH-GWC-31
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.468		mg/L		94	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262261-7 MSD
Matrix: Water
Analysis Batch: 877339

Client Sample ID: SCH-GWC-31
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	3	20
Arsenic	<0.00086		0.100	0.100		mg/L		100	75 - 125	4	20
Barium	0.014		0.100	0.117		mg/L		103	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0518		mg/L		104	75 - 125	5	20
Boron	<0.022		0.400	0.407		mg/L		102	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0528		mg/L		106	75 - 125	1	20
Calcium	17		5.00	20.8		mg/L		84	75 - 125	2	20
Chromium	0.0025		0.100	0.107		mg/L		105	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0528		mg/L		106	75 - 125	3	20
Copper	<0.0011		0.101	0.105		mg/L		104	75 - 125	3	20
Lead	<0.00021		0.500	0.513		mg/L		103	75 - 125	2	20
Magnesium	8.3		5.00	12.5		mg/L		83	75 - 125	1	20
Molybdenum	<0.00086		0.100	0.101		mg/L		101	75 - 125	3	20
Nickel	<0.00042		0.100	0.105		mg/L		105	75 - 125	1	20
Potassium	1.1		7.00	8.54		mg/L		107	75 - 125	2	20
Selenium	0.0012	J B	0.100	0.102		mg/L		101	75 - 125	3	20
Silver	<0.00039	F1	0.0500	0.0608		mg/L		122	75 - 125	4	20
Sodium	15		5.00	19.8		mg/L		88	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.015		0.100	0.116		mg/L		101	75 - 125	4	20
Zinc	<0.0028		0.100	0.103		mg/L		103	75 - 125	4	20

Lab Sample ID: 680-262261-7 MSD
Matrix: Water
Analysis Batch: 877468

Client Sample ID: SCH-GWC-31
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.474		mg/L		95	75 - 125	1	20

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 20:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 20:48	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 20:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 20:48	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 20:48	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 20:48	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 20:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 20:48	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 20:48	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 20:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 20:48	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 20:48	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 20:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 20:48	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 20:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 20:48	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 20:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 20:48	1

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:20	1

Lab Sample ID: LCS 680-877179/2-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0485		mg/L		97	80 - 120
Arsenic	0.100	0.0975		mg/L		98	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0528		mg/L		106	80 - 120
Boron	0.400	0.406		mg/L		101	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	4.89		mg/L		98	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0514		mg/L		103	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.500		mg/L		100	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Molybdenum	0.100	0.100		mg/L		100	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.22		mg/L		103	80 - 120
Selenium	0.100	0.0996		mg/L		100	80 - 120
Silver	0.0500	0.0529		mg/L		106	80 - 120
Sodium	5.00	4.91		mg/L		98	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0976		mg/L		98	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: LCS 680-877179/2-A
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.463		mg/L		93	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-271384-I-3-B MS
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0506		mg/L		101	75 - 125
Arsenic	0.0030		0.100	0.104		mg/L		100	75 - 125
Barium	0.059		0.100	0.146		mg/L		87	75 - 125
Beryllium	<0.00020		0.0500	0.0544		mg/L		109	75 - 125
Boron	0.089		0.400	0.510		mg/L		105	75 - 125
Cadmium	<0.000078		0.0500	0.0522		mg/L		104	75 - 125
Calcium	26		5.00	24.9	4	mg/L		-15	75 - 125
Chromium	<0.0012		0.100	0.103		mg/L		103	75 - 125
Cobalt	0.018		0.0500	0.0665		mg/L		97	75 - 125
Copper	0.0021		0.101	0.104		mg/L		101	75 - 125
Lead	0.00082	J	0.500	0.523		mg/L		104	75 - 125
Magnesium	7.1		5.00	11.5		mg/L		88	75 - 125
Molybdenum	<0.00086		0.100	0.103		mg/L		103	75 - 125
Nickel	0.014		0.100	0.112		mg/L		98	75 - 125
Potassium	0.80		7.00	8.25		mg/L		106	75 - 125
Selenium	0.0014	J	0.100	0.101		mg/L		99	75 - 125
Silver	<0.00039	F1	0.0500	0.0614		mg/L		123	75 - 125
Sodium	310		5.00	306	4	mg/L		-162	75 - 125
Thallium	<0.00026		0.0500	0.0514		mg/L		103	75 - 125
Vanadium	0.0051		0.100	0.106		mg/L		101	75 - 125
Zinc	0.15	F1	0.100	0.206	F1	mg/L		60	75 - 125

Lab Sample ID: 400-271384-I-3-B MS
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0038	J	0.500	0.468		mg/L		93	75 - 125

Lab Sample ID: 400-271384-I-3-C MSD
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0546		mg/L		109	75 - 125	8	20
Arsenic	0.0030		0.100	0.109		mg/L		106	75 - 125	5	20
Barium	0.059		0.100	0.146		mg/L		87	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0580		mg/L		116	75 - 125	6	20
Boron	0.089		0.400	0.546		mg/L		114	75 - 125	7	20
Cadmium	<0.000078		0.0500	0.0549		mg/L		110	75 - 125	5	20
Calcium	26		5.00	23.0	4	mg/L		-52	75 - 125	8	20
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125	5	20
Cobalt	0.018		0.0500	0.0670		mg/L		98	75 - 125	1	20
Copper	0.0021		0.101	0.110		mg/L		107	75 - 125	5	20
Lead	0.00082	J	0.500	0.556		mg/L		111	75 - 125	6	20
Magnesium	7.1		5.00	11.7		mg/L		92	75 - 125	1	20
Molybdenum	<0.00086		0.100	0.108		mg/L		108	75 - 125	5	20
Nickel	0.014		0.100	0.116		mg/L		101	75 - 125	3	20
Potassium	0.80		7.00	8.43		mg/L		109	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-271384-I-3-C MSD
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	0.0014	J	0.100	0.106		mg/L		105	75 - 125	5	20
Silver	<0.00039	F1	0.0500	0.0650	F1	mg/L		130	75 - 125	6	20
Sodium	310		5.00	316	4	mg/L		25	75 - 125	3	20
Thallium	<0.00026		0.0500	0.0546		mg/L		109	75 - 125	6	20
Vanadium	0.0051		0.100	0.112		mg/L		107	75 - 125	5	20
Zinc	0.15	F1	0.100	0.190	F1	mg/L		44	75 - 125	8	20

Lab Sample ID: 400-271384-I-3-C MSD
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0038	J	0.500	0.443		mg/L		88	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878053/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:38	1

Lab Sample ID: LCS 680-878053/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00239		mg/L		96	80 - 120

Lab Sample ID: 680-262261-1 MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: SCH-GWC-38
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00105		mg/L		105	80 - 120

Lab Sample ID: 680-262261-1 MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: SCH-GWC-38
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00105		mg/L		105	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877371/4
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 17:35	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 17:35	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 17:35	1

Lab Sample ID: LCS 680-877371/6
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	242		mg/L		97	90 - 112		

Lab Sample ID: LCSD 680-877371/31
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	249		mg/L		99	90 - 112	3	30

Lab Sample ID: 680-262223-E-4 DU
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	12			10.9		mg/L				8	30
Bicarbonate Alkalinity as CaCO3	12			10.9		mg/L				8	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: 680-262223-E-8 DU
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	16			11.9		mg/L				26	30
Bicarbonate Alkalinity as CaCO3	16			11.9		mg/L				26	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: MB 680-877372/4
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCS 680-877372/6
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	248		mg/L		99	90 - 112

Lab Sample ID: LCSD 680-877372/31
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	259		mg/L		103	90 - 112	4	30

Lab Sample ID: 680-262261-2 DU
Matrix: Water
Analysis Batch: 877372

Client Sample ID: SCH-GWC-37
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	82		83.5		mg/L		2	30
Bicarbonate Alkalinity as CaCO3	82		83.5		mg/L		2	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877333/1
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 09:06	1

Lab Sample ID: LCS 680-877333/2
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2480		mg/L		102	80 - 120

Lab Sample ID: LCSD 680-877333/3
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2500		mg/L		103	80 - 120	1	25

Lab Sample ID: 680-262255-A-2 DU
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	350		358		mg/L		3	5

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: MB 680-877383/1
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 14:16	1

Lab Sample ID: LCS 680-877383/2
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877383/3
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2360		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262261-8 DU
Matrix: Water
Analysis Batch: 877383

Client Sample ID: SCH-CELL3-FD-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	220			222		mg/L				3	5

HPLC/IC

Analysis Batch: 877916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	300.0-1993 R2.1	
MB 680-877916/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877916/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877916/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262255-D-7 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262255-D-7 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-2	SCH-GWC-37	Total/NA	Water	300.0-1993 R2.1	
680-262261-3	SCH-GWC-35	Total/NA	Water	300.0-1993 R2.1	
680-262261-4	SCH-GWC-34	Total/NA	Water	300.0-1993 R2.1	
680-262261-5	SCH-GWC-33A	Total/NA	Water	300.0-1993 R2.1	
680-262261-6	SCH-GWC-32	Total/NA	Water	300.0-1993 R2.1	
680-262261-7	SCH-GWC-31	Total/NA	Water	300.0-1993 R2.1	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	300.0-1993 R2.1	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	300.0-1993 R2.1	
MB 680-877958/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877958/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877958/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262261-2 MS	SCH-GWC-37	Total/NA	Water	300.0-1993 R2.1	
680-262261-2 MSD	SCH-GWC-37	Total/NA	Water	300.0-1993 R2.1	
680-262261-8 MS	SCH-CELL3-FD-9	Total/NA	Water	300.0-1993 R2.1	
680-262261-8 MSD	SCH-CELL3-FD-9	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	300.0-1993 R2.1	
MB 680-878139/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878139/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878139/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-29902-A-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-29902-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total Recoverable	Water	3005A	
680-262261-2	SCH-GWC-37	Total Recoverable	Water	3005A	
680-262261-3	SCH-GWC-35	Total Recoverable	Water	3005A	
680-262261-7	SCH-GWC-31	Total Recoverable	Water	3005A	
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262261-7 MS	SCH-GWC-31	Total Recoverable	Water	3005A	
680-262261-7 MSD	SCH-GWC-31	Total Recoverable	Water	3005A	

Prep Batch: 877179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-4	SCH-GWC-34	Total Recoverable	Water	3005A	
680-262261-5	SCH-GWC-33A	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 877179 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-6	SCH-GWC-32	Total Recoverable	Water	3005A	
680-262261-8	SCH-CELL3-FD-9	Total Recoverable	Water	3005A	
680-262261-9	SCH-CELL3-FD-10	Total Recoverable	Water	3005A	
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-271384-I-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-271384-I-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total Recoverable	Water	6020B	877177
680-262261-2	SCH-GWC-37	Total Recoverable	Water	6020B	877177
680-262261-3	SCH-GWC-35	Total Recoverable	Water	6020B	877177
680-262261-4	SCH-GWC-34	Total Recoverable	Water	6020B	877179
680-262261-5	SCH-GWC-33A	Total Recoverable	Water	6020B	877179
680-262261-6	SCH-GWC-32	Total Recoverable	Water	6020B	877179
680-262261-7	SCH-GWC-31	Total Recoverable	Water	6020B	877177
680-262261-8	SCH-CELL3-FD-9	Total Recoverable	Water	6020B	877179
680-262261-9	SCH-CELL3-FD-10	Total Recoverable	Water	6020B	877179
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	6020B	877177
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	6020B	877179
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877177
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877179
400-271384-I-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877179
400-271384-I-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877179
680-262261-7 MS	SCH-GWC-31	Total Recoverable	Water	6020B	877177
680-262261-7 MSD	SCH-GWC-31	Total Recoverable	Water	6020B	877177

Analysis Batch: 877468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total Recoverable	Water	6020B	877177
680-262261-2	SCH-GWC-37	Total Recoverable	Water	6020B	877177
680-262261-3	SCH-GWC-35	Total Recoverable	Water	6020B	877177
680-262261-4	SCH-GWC-34	Total Recoverable	Water	6020B	877179
680-262261-5	SCH-GWC-33A	Total Recoverable	Water	6020B	877179
680-262261-6	SCH-GWC-32	Total Recoverable	Water	6020B	877179
680-262261-7	SCH-GWC-31	Total Recoverable	Water	6020B	877177
680-262261-8	SCH-CELL3-FD-9	Total Recoverable	Water	6020B	877179
680-262261-9	SCH-CELL3-FD-10	Total Recoverable	Water	6020B	877179
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	6020B	877177
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	6020B	877179
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877177
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877179
400-271384-I-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877179
400-271384-I-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877179
680-262261-7 MS	SCH-GWC-31	Total Recoverable	Water	6020B	877177
680-262261-7 MSD	SCH-GWC-31	Total Recoverable	Water	6020B	877177

Prep Batch: 878053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 878053 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-2	SCH-GWC-37	Total/NA	Water	7470A	
680-262261-3	SCH-GWC-35	Total/NA	Water	7470A	
680-262261-4	SCH-GWC-34	Total/NA	Water	7470A	
680-262261-5	SCH-GWC-33A	Total/NA	Water	7470A	
680-262261-6	SCH-GWC-32	Total/NA	Water	7470A	
680-262261-7	SCH-GWC-31	Total/NA	Water	7470A	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	7470A	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	7470A	
MB 680-878053/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878053/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262261-1 MS	SCH-GWC-38	Total/NA	Water	7470A	
680-262261-1 MSD	SCH-GWC-38	Total/NA	Water	7470A	

Analysis Batch: 878134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	7470A	878053
680-262261-2	SCH-GWC-37	Total/NA	Water	7470A	878053
680-262261-3	SCH-GWC-35	Total/NA	Water	7470A	878053
680-262261-4	SCH-GWC-34	Total/NA	Water	7470A	878053
680-262261-5	SCH-GWC-33A	Total/NA	Water	7470A	878053
680-262261-6	SCH-GWC-32	Total/NA	Water	7470A	878053
680-262261-7	SCH-GWC-31	Total/NA	Water	7470A	878053
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	7470A	878053
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	7470A	878053
MB 680-878053/1-A	Method Blank	Total/NA	Water	7470A	878053
LCS 680-878053/2-A	Lab Control Sample	Total/NA	Water	7470A	878053
680-262261-1 MS	SCH-GWC-38	Total/NA	Water	7470A	878053
680-262261-1 MSD	SCH-GWC-38	Total/NA	Water	7470A	878053

General Chemistry

Analysis Batch: 877333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	2540C-2011	
680-262261-2	SCH-GWC-37	Total/NA	Water	2540C-2011	
680-262261-3	SCH-GWC-35	Total/NA	Water	2540C-2011	
680-262261-4	SCH-GWC-34	Total/NA	Water	2540C-2011	
680-262261-5	SCH-GWC-33A	Total/NA	Water	2540C-2011	
680-262261-6	SCH-GWC-32	Total/NA	Water	2540C-2011	
MB 680-877333/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877333/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877333/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262255-A-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 877371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	2320B-2011	
680-262261-3	SCH-GWC-35	Total/NA	Water	2320B-2011	
680-262261-5	SCH-GWC-33A	Total/NA	Water	2320B-2011	
680-262261-6	SCH-GWC-32	Total/NA	Water	2320B-2011	
680-262261-7	SCH-GWC-31	Total/NA	Water	2320B-2011	

General Chemistry (Continued)

Analysis Batch: 877371 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	2320B-2011	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	2320B-2011	
MB 680-877371/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877371/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877371/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262223-E-4 DU	Duplicate	Total/NA	Water	2320B-2011	
680-262223-E-8 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-2	SCH-GWC-37	Total/NA	Water	2320B-2011	
680-262261-4	SCH-GWC-34	Total/NA	Water	2320B-2011	
MB 680-877372/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877372/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877372/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262261-2 DU	SCH-GWC-37	Total/NA	Water	2320B-2011	

Analysis Batch: 877383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-7	SCH-GWC-31	Total/NA	Water	2540C-2011	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	2540C-2011	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	2540C-2011	
MB 680-877383/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877383/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877383/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262261-8 DU	SCH-CELL3-FD-9	Total/NA	Water	2540C-2011	

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-262261-1

Date Collected: 02/25/25 14:55

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 20:38	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 12:54	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 18:37	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:43	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 19:36	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 15:53	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 13:03	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 18:42	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:26	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877372	02/27/25 23:19	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877958	03/06/25 17:02	BS	EET SAV
	Instrument ID: CICP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 12:59	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 18:40	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:02	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 20:53	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 17:12	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 10:40	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:17	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:55	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877372	02/27/25 23:37	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 17:21	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 10:45	BWR	EET SAV
	Instrument ID: ICPMSC									

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:19	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:00	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 21:11	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 17:31	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 10:53	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:29	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:57	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 20:35	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 17:41	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 12:34	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 18:29	BWR	EET SAV
	Instrument ID: ICPMSD									

Lab Chronicle

Client: Southern Company
Job ID: 680-262261-1
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-GWC-31
Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:30	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 20:44	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FD-9
Lab Sample ID: 680-262261-8

Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 18:30	BS	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	878139	03/07/25 14:35	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 10:57	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:32	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:04	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 21:32	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FD-10
Lab Sample ID: 680-262261-9

Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 19:00	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 11:09	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:35	BWR	EET SAV
	Instrument ID: ICPMSD									

Lab Chronicle

Client: Southern Company
Job ID: 680-262261-1
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-CELL3-FD-10
Lab Sample ID: 680-262261-9

Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:28	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 21:02	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262261-1
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company		Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb						Total Number of containers	
			Preservation Code:				N	N	D	D	D	D	D								
SCH-GWC-38	2/25/25	14:55	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-37	2/25/25	13:10	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-35	2/25/25	10:27	G	WG	N	N	X	X	X	X	X	X	X	X						8	Extra radium
SCH-GWC-34	2/25/25	13:40	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-33A	2/25/25	12:26	G	WG	N	N	X	X	X	X	X	X	X	X						8	Extra radium
SCH-GWC-32	2/25/25	10:24	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-31	2/25/25	15:11	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-CELL3-FD-9	2/25/25	-	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-CELL3-FD-10	2/25/25	-	G	WG	N	N	X	X	X	X	X	X	X	X						6	

680-262261 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/26/25 840	WSP	Yolanda Duncan	2/26/25 840	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795344.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262261-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/10/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWC-38 (680-262261-1)	2/25/25	14:55 Eastern	G	Water			X	X	X	2	
SCH-GWC-37 (680-262261-2)	2/25/25	13:10 Eastern	G	Water			X	X	X	2	
SCH-GWC-35 (680-262261-3)	2/25/25	10:27 Eastern	G	Water			X	X	X	4	
SCH-GWC-34 (680-262261-4)	2/25/25	13:40 Eastern	G	Water			X	X	X	2	
SCH-GWC-33A (680-262261-5)	2/25/25	12:26 Eastern	G	Water			X	X	X	4	
SCH-GWC-32 (680-262261-6)	2/25/25	10:24 Eastern	G	Water			X	X	X	2	
SCH-GWC-31 (680-262261-7)	2/25/25	15:11 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-9 (680-262261-8)	2/25/25	Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-10 (680-262261-9)	2/25/25	Eastern	G	Water			X	X	X	2	

Analysis Requested

Preservation Codes: -

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1400	Eurofins	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

3/10/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262261-1

Login Number: 262261

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/7/2025 5:17:39 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262184-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
3/7/2025 5:17:39 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262184-1
Project/Site: CCR - Plant Scherer Cell 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262184-1	SCH-GWA-39	Water	02/24/25 13:25	02/25/25 11:30
680-262184-2	SCH-GWA-40	Water	02/24/25 15:35	02/25/25 11:30

Job ID: 680-262184-1 — Eurofins Savannah

Job Narrative
680-262184-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/25/2025 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

HPLC/IC
Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877525 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877525 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The laboratory control sample (LCS) for preparation batch 680-877019 and analytical batch 680-877192 recovered outside control limits for the following analyte: Silver. The analyte is biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-262184-1

Date Collected: 02/24/25 13:25

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1.0**		1.0	0.40	mg/L			03/03/25 12:42	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 12:42	1
Chloride	**1.4**		1.0	0.20	mg/L			03/03/25 12:42	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:19	02/26/25 16:51	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:19	02/26/25 16:51	1
Barium	**0.036**		0.010	0.00089	mg/L		02/26/25 05:19	02/26/25 16:51	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:19	02/26/25 16:51	1
Boron	**0.032**	**J**	0.080	0.022	mg/L		02/26/25 05:19	02/26/25 16:51	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:19	02/26/25 16:51	1
Calcium	**22**		0.50	0.14	mg/L		02/26/25 05:19	02/26/25 16:51	1
Chromium	**0.0080**		0.0020	0.0012	mg/L		02/26/25 05:19	02/26/25 16:51	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:19	02/26/25 16:51	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:19	02/26/25 16:51	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:19	02/27/25 11:27	1
Magnesium	**12**		0.50	0.023	mg/L		02/26/25 05:19	02/26/25 16:51	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:19	02/26/25 16:51	1
Potassium	**1.0**		0.50	0.044	mg/L		02/26/25 05:19	02/26/25 16:51	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:19	02/26/25 16:51	1
Sodium	**7.0**		0.50	0.20	mg/L		02/26/25 05:19	02/26/25 16:51	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:19	02/26/25 16:51	1
Nickel	**0.00053**	**J**	0.0050	0.00042	mg/L		02/26/25 05:19	02/26/25 16:51	1
Vanadium	**0.027**		0.010	0.00063	mg/L		02/26/25 05:19	02/26/25 16:51	1
Silver	<0.00039	*+	0.0010	0.00039	mg/L		02/26/25 05:19	02/26/25 16:51	1
Copper	<0.0011		0.0050	0.0011	mg/L		02/26/25 05:19	02/26/25 16:51	1
Zinc	<0.0028		0.020	0.0028	mg/L		02/26/25 05:19	02/26/25 16:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**110**		5.0	2.2	mg/L			02/26/25 21:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**110**		5.0	2.2	mg/L			02/26/25 21:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 21:22	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/27/25 17:29	1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-262184-2

Date Collected: 02/24/25 15:35

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.48**	**J**	1.0	0.40	mg/L			03/03/25 12:52	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 12:52	1

Eurofins Savannah

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Client Sample ID: SCH-GWA-40
Date Collected: 02/24/25 15:35
Date Received: 02/25/25 11:30

Lab Sample ID: 680-262184-2
Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.1**		1.0	0.20	mg/L			03/03/25 12:52	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 21:00	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 21:00	1
Barium	**0.048**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 21:00	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 21:00	1
Boron	**0.14**		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 21:00	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 21:00	1
Calcium	**7.3**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 21:00	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 21:00	1
Cobalt	**0.0065**		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 21:00	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 21:00	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:09	02/27/25 13:54	1
Magnesium	**4.7**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 21:00	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:09	02/26/25 21:00	1
Potassium	**0.87**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 21:00	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 21:00	1
Sodium	**2.7**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 21:00	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 21:00	1
Nickel	**0.012**		0.0050	0.00042	mg/L		02/26/25 05:09	02/26/25 21:00	1
Vanadium	**0.0013**	**J**	0.010	0.00063	mg/L		02/26/25 05:09	02/26/25 21:00	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 21:00	1
Copper	<0.0011		0.0050	0.0011	mg/L		02/26/25 05:09	02/26/25 21:00	1
Zinc	**0.011**	**J**	0.020	0.0028	mg/L		02/26/25 05:09	02/26/25 21:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**48**		5.0	2.2	mg/L			02/26/25 21:31	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**48**		5.0	2.2	mg/L			02/26/25 21:31	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 21:31	1
Total Dissolved Solids (SM 2540C-2011)	**65**		10	10	mg/L			02/27/25 17:29	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877525/2
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 10:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 10:01	1
Chloride	<0.20		1.0	0.20	mg/L			03/03/25 10:01	1

Lab Sample ID: LCS 680-877525/3
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.6		mg/L		106	90 - 110		
Fluoride			2.00	1.85		mg/L		92	90 - 110		
Chloride			10.0	9.94		mg/L		99	90 - 110		

Lab Sample ID: LCSD 680-877525/4
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.6		mg/L		106	90 - 110	1	15
Fluoride			2.00	1.86		mg/L		93	90 - 110	1	15
Chloride			10.0	10.0		mg/L		100	90 - 110	1	15

Lab Sample ID: 680-262289-D-7 MS
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	20	F1	10.0	29.8		mg/L		94	80 - 120		
Fluoride	<0.040	F1 F2	2.00	1.25	F1	mg/L		62	80 - 120		
Chloride	26	E F1	10.0	32.2	E F1	mg/L		60	80 - 120		

Lab Sample ID: 680-262289-D-7 MSD
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	20	F1	10.0	33.9	F1	mg/L		134	80 - 120	13	15
Fluoride	<0.040	F1 F2	2.00	1.77	F2	mg/L		89	80 - 120	35	15
Chloride	26	E F1	10.0	34.5	E	mg/L		83	80 - 120	7	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:09	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:09	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:09	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:09	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:09	1
Magnesium	<0.023		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:09	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:09	02/26/25 20:09	1
Potassium	<0.044		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:09	1
Sodium	<0.20		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:09	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/26/25 05:09	02/26/25 20:09	1
Vanadium	<0.00063		0.010	0.00063	mg/L		02/26/25 05:09	02/26/25 20:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:09	1
Copper	<0.0011		0.0050	0.0011	mg/L		02/26/25 05:09	02/26/25 20:09	1
Zinc	<0.0028		0.020	0.0028	mg/L		02/26/25 05:09	02/26/25 20:09	1

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:09	02/27/25 12:45	1

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.0990		mg/L		99	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.371		mg/L		93	80 - 120
Cadmium	0.0500	0.0530		mg/L		106	80 - 120
Calcium	5.00	5.19		mg/L		104	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0499		mg/L		100	80 - 120
Lead	0.500	0.572		mg/L		114	80 - 120
Magnesium	5.00	4.53		mg/L		91	80 - 120
Molybdenum	0.100	0.0967		mg/L		97	80 - 120
Potassium	7.00	6.75		mg/L		96	80 - 120
Selenium	0.100	0.110		mg/L		110	80 - 120
Sodium	5.00	4.86		mg/L		97	80 - 120
Thallium	0.0500	0.0456		mg/L		91	80 - 120
Nickel	0.100	0.0982		mg/L		98	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0500	0.0596		mg/L		119	80 - 120
Copper	0.101	0.0997		mg/L		99	80 - 120
Zinc	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.463		mg/L		93	80 - 120

Lab Sample ID: 400-271290-E-18-B MS
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0537		mg/L		107	75 - 125
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125
Barium	<0.00089		0.100	0.106		mg/L		106	75 - 125
Beryllium	<0.00020		0.0500	0.0576		mg/L		115	75 - 125
Boron	0.022	J	0.400	0.396		mg/L		99	75 - 125
Cadmium	<0.000078		0.0500	0.0559		mg/L		112	75 - 125
Calcium	<0.14		5.00	5.60		mg/L		112	75 - 125
Chromium	<0.0012		0.100	0.111		mg/L		111	75 - 125
Cobalt	<0.00022		0.0500	0.0519		mg/L		104	75 - 125
Lead	<0.00021		0.500	0.605		mg/L		121	75 - 125
Magnesium	<0.023		5.00	4.70		mg/L		94	75 - 125
Molybdenum	<0.00086		0.100	0.101		mg/L		101	75 - 125
Potassium	<0.044		7.00	7.08		mg/L		101	75 - 125
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125
Sodium	<0.20		5.00	5.58		mg/L		112	75 - 125
Thallium	<0.00026		0.0500	0.0478		mg/L		96	75 - 125
Nickel	<0.00042		0.100	0.103		mg/L		103	75 - 125
Vanadium	<0.00063		0.100	0.106		mg/L		106	75 - 125
Silver	<0.00039		0.0500	0.0618		mg/L		124	75 - 125
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125
Zinc	<0.0028		0.100	0.104		mg/L		104	75 - 125

Lab Sample ID: 400-271290-E-18-B MS
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.476		mg/L		95	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-271290-E-18-C MSD
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0534		mg/L		107	75 - 125	1	20
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125	1	20
Barium	<0.00089		0.100	0.104		mg/L		104	75 - 125	2	20
Beryllium	<0.00020		0.0500	0.0529		mg/L		106	75 - 125	9	20
Boron	<0.022		0.400	0.402		mg/L		101	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0556		mg/L		111	75 - 125	0	20
Calcium	<0.14		5.00	5.46		mg/L		109	75 - 125	2	20
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125	3	20
Cobalt	<0.00022		0.0500	0.0511		mg/L		102	75 - 125	2	20
Lead	<0.00021		0.500	0.595		mg/L		119	75 - 125	2	20
Magnesium	<0.023		5.00	4.62		mg/L		92	75 - 125	2	20
Molybdenum	<0.00086		0.100	0.0999		mg/L		100	75 - 125	1	20
Potassium	<0.044		7.00	6.96		mg/L		99	75 - 125	2	20
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125	1	20
Sodium	<0.20		5.00	5.35		mg/L		107	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0468		mg/L		94	75 - 125	2	20
Nickel	<0.00042		0.100	0.102		mg/L		102	75 - 125	1	20
Vanadium	<0.00063		0.100	0.105		mg/L		105	75 - 125	2	20
Silver	<0.00039		0.0500	0.0608		mg/L		122	75 - 125	2	20
Copper	<0.0011		0.101	0.103		mg/L		102	75 - 125	1	20
Zinc	0.0086	J	0.100	0.115		mg/L		107	75 - 125	10	20

Lab Sample ID: 400-271290-E-18-C MSD
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.491		mg/L		98	75 - 125	3	20

Lab Sample ID: MB 680-877019/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:19	02/26/25 16:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:19	02/26/25 16:26	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/25 05:19	02/26/25 16:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:19	02/26/25 16:26	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:19	02/26/25 16:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:19	02/26/25 16:26	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/25 05:19	02/26/25 16:26	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:19	02/26/25 16:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:19	02/26/25 16:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:19	02/26/25 16:26	1
Magnesium	<0.023		0.50	0.023	mg/L		02/26/25 05:19	02/26/25 16:26	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:19	02/26/25 16:26	1
Potassium	<0.044		0.50	0.044	mg/L		02/26/25 05:19	02/26/25 16:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:19	02/26/25 16:26	1
Sodium	<0.20		0.50	0.20	mg/L		02/26/25 05:19	02/26/25 16:26	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877019/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:19	02/26/25 16:26	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/26/25 05:19	02/26/25 16:26	1
Vanadium	<0.00063		0.010	0.00063	mg/L		02/26/25 05:19	02/26/25 16:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:19	02/26/25 16:26	1
Copper	<0.0011		0.0050	0.0011	mg/L		02/26/25 05:19	02/26/25 16:26	1
Zinc	<0.0028		0.020	0.0028	mg/L		02/26/25 05:19	02/26/25 16:26	1

Lab Sample ID: MB 680-877019/1-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:19	02/27/25 10:39	1

Lab Sample ID: LCS 680-877019/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0532		mg/L		106	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.105		mg/L		105	80 - 120
Beryllium	0.0500	0.0529		mg/L		106	80 - 120
Boron	0.400	0.382		mg/L		96	80 - 120
Cadmium	0.0500	0.0555		mg/L		111	80 - 120
Calcium	5.00	5.36		mg/L		107	80 - 120
Chromium	0.100	0.108		mg/L		108	80 - 120
Cobalt	0.0500	0.0517		mg/L		103	80 - 120
Lead	0.500	0.582		mg/L		116	80 - 120
Magnesium	5.00	4.58		mg/L		92	80 - 120
Molybdenum	0.100	0.0994		mg/L		99	80 - 120
Potassium	7.00	6.95		mg/L		99	80 - 120
Selenium	0.100	0.111		mg/L		111	80 - 120
Sodium	5.00	4.92		mg/L		98	80 - 120
Thallium	0.0500	0.0463		mg/L		93	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Vanadium	0.100	0.105		mg/L		105	80 - 120
Silver	0.0500	0.0612	*+	mg/L		122	80 - 120
Copper	0.101	0.102		mg/L		101	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: LCS 680-877019/2-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.465		mg/L		93	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-29791-F-12-B MS
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0567		mg/L		113	75 - 125
Arsenic	<0.00086		0.100	0.110		mg/L		110	75 - 125
Barium	<0.00089		0.100	0.109		mg/L		109	75 - 125
Beryllium	<0.00020		0.0500	0.0568		mg/L		114	75 - 125
Boron	<0.022		0.400	0.410		mg/L		103	75 - 125
Cadmium	<0.000078		0.0500	0.0578		mg/L		116	75 - 125
Calcium	<0.14		5.00	5.81		mg/L		116	75 - 125
Chromium	<0.0012		0.100	0.115		mg/L		115	75 - 125
Cobalt	<0.00022		0.0500	0.0549		mg/L		110	75 - 125
Lead	<0.00021		0.500	0.623		mg/L		125	75 - 125
Magnesium	<0.023		5.00	4.82		mg/L		96	75 - 125
Molybdenum	<0.00086		0.100	0.106		mg/L		106	75 - 125
Potassium	<0.044		7.00	7.36		mg/L		105	75 - 125
Selenium	<0.00099		0.100	0.113		mg/L		113	75 - 125
Sodium	<0.20		5.00	5.78		mg/L		116	75 - 125
Thallium	<0.00026		0.0500	0.0496		mg/L		99	75 - 125
Nickel	<0.00042		0.100	0.108		mg/L		108	75 - 125
Vanadium	0.0016	J	0.100	0.111		mg/L		110	75 - 125
Silver	<0.00039	F1 *+	0.0500	0.0648	F1	mg/L		130	75 - 125
Copper	<0.0011		0.101	0.110		mg/L		109	75 - 125
Zinc	<0.0028		0.100	0.107		mg/L		107	75 - 125

Lab Sample ID: 752-29791-F-12-B MS
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.471		mg/L		94	75 - 125

Lab Sample ID: 752-29791-F-12-C MSD
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0557		mg/L		111	75 - 125	2	20
Arsenic	<0.00086		0.100	0.108		mg/L		108	75 - 125	2	20
Barium	<0.00089		0.100	0.109		mg/L		109	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0587		mg/L		117	75 - 125	3	20
Boron	<0.022		0.400	0.402		mg/L		101	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0569		mg/L		114	75 - 125	2	20
Calcium	<0.14		5.00	5.68		mg/L		114	75 - 125	2	20
Chromium	<0.0012		0.100	0.115		mg/L		115	75 - 125	0	20
Cobalt	<0.00022		0.0500	0.0533		mg/L		107	75 - 125	3	20
Lead	<0.00021		0.500	0.609		mg/L		122	75 - 125	2	20
Magnesium	<0.023		5.00	4.82		mg/L		96	75 - 125	0	20
Molybdenum	<0.00086		0.100	0.103		mg/L		103	75 - 125	3	20
Potassium	<0.044		7.00	7.27		mg/L		104	75 - 125	1	20
Selenium	<0.00099		0.100	0.112		mg/L		112	75 - 125	1	20
Sodium	<0.20		5.00	5.72		mg/L		114	75 - 125	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-29791-F-12-C MSD
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	<0.00026		0.0500	0.0490		mg/L		98	75 - 125	1	20
Nickel	<0.00042		0.100	0.107		mg/L		107	75 - 125	2	20
Vanadium	<0.00063		0.100	0.111		mg/L		111	75 - 125	0	20
Silver	<0.00039		0.0500	0.0633	F1	mg/L		127	75 - 125	2	20
Copper	<0.0011		0.101	0.107		mg/L		106	75 - 125	3	20
Zinc	<0.0028		0.100	0.106		mg/L		106	75 - 125	1	20

Lab Sample ID: 752-29791-F-12-C MSD
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.474		mg/L		95	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877738/1-A
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 09:51	1

Lab Sample ID: LCS 680-877738/2-A
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877738

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00248		mg/L		99	80 - 120		

Lab Sample ID: 680-262293-G-4-C MS
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000820		mg/L		82	80 - 120		

Lab Sample ID: 680-262293-G-4-D MSD
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000986		mg/L		99	80 - 120	18	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877283/4
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1

Lab Sample ID: LCS 680-877283/6
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	244		mg/L		98	90 - 112		

Lab Sample ID: LCSD 680-877283/31
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	249		mg/L		100	90 - 112	2	30

Lab Sample ID: 680-262184-2 DU
Matrix: Water
Analysis Batch: 877283

Client Sample ID: SCH-GWA-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	48			45.9		mg/L				5	30
Bicarbonate Alkalinity as CaCO3	48			45.9		mg/L				5	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877293/1
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 17:29	1

Lab Sample ID: LCS 680-877293/2
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2400		mg/L		98	80 - 120		

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-877293/3
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262130-C-19 DU
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1120		mg/L				0.9	5

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

HPLC/IC

Analysis Batch: 877525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	300.0-1993 R2.1	
680-262184-2	SCH-GWA-40	Total/NA	Water	300.0-1993 R2.1	
MB 680-877525/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877525/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877525/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262289-D-7 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262289-D-7 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-2	SCH-GWA-40	Total Recoverable	Water	3005A	
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-271290-E-18-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-271290-E-18-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total Recoverable	Water	3005A	
MB 680-877019/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877019/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-29791-F-12-B MS	Matrix Spike	Total Recoverable	Water	3005A	
752-29791-F-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total Recoverable	Water	6020B	877019
680-262184-2	SCH-GWA-40	Total Recoverable	Water	6020B	877017
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	6020B	877017
MB 680-877019/1-A	Method Blank	Total Recoverable	Water	6020B	877019
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877017
LCS 680-877019/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877019
400-271290-E-18-B MS	Matrix Spike	Total Recoverable	Water	6020B	877017
400-271290-E-18-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877017
752-29791-F-12-B MS	Matrix Spike	Total Recoverable	Water	6020B	877019
752-29791-F-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877019

Analysis Batch: 877308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total Recoverable	Water	6020B	877019
680-262184-2	SCH-GWA-40	Total Recoverable	Water	6020B	877017
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	6020B	877017
MB 680-877019/1-A	Method Blank	Total Recoverable	Water	6020B	877019
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877017
LCS 680-877019/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877019
400-271290-E-18-B MS	Matrix Spike	Total Recoverable	Water	6020B	877017
400-271290-E-18-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877017
752-29791-F-12-B MS	Matrix Spike	Total Recoverable	Water	6020B	877019
752-29791-F-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877019

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Metals

Prep Batch: 877738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	7470A	
680-262184-2	SCH-GWA-40	Total/NA	Water	7470A	
MB 680-877738/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877738/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262293-G-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262293-G-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	7470A	877738
680-262184-2	SCH-GWA-40	Total/NA	Water	7470A	877738
MB 680-877738/1-A	Method Blank	Total/NA	Water	7470A	877738
LCS 680-877738/2-A	Lab Control Sample	Total/NA	Water	7470A	877738
680-262293-G-4-C MS	Matrix Spike	Total/NA	Water	7470A	877738
680-262293-G-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877738

General Chemistry

Analysis Batch: 877283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	2320B-2011	
680-262184-2	SCH-GWA-40	Total/NA	Water	2320B-2011	
MB 680-877283/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877283/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877283/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262184-2 DU	SCH-GWA-40	Total/NA	Water	2320B-2011	

Analysis Batch: 877293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	2540C-2011	
680-262184-2	SCH-GWA-40	Total/NA	Water	2540C-2011	
MB 680-877293/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877293/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877293/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262130-C-19 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-262184-1

Date Collected: 02/24/25 13:25

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 12:42	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877308	02/27/25 11:27	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 16:51	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:38	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 21:22	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-262184-2

Date Collected: 02/24/25 15:35

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 12:52	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877308	02/27/25 13:54	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 21:00	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:31	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 21:31	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262184-1
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:

Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:
City: Atlanta	TAT Requested (days): 2 weeks
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No
Phone:	Lab Project #: (DO NOT REMOVE) 68027798
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5
Project Name: CCR - Plant Scherer Cell 3	Project #:
Site:	

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D		
SCH-GWA-39	2/24/25	13:25	G	WG	N	N	X	X	X	X	X	X	X	X	6
SCH-GWA-40	2/24/25	15:35	G	WG	N	N	X	X	X	X	X	X	X	X	6

680-262184 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN/	2/25/2025 830	WSP	Yolanda Duncan	2/25/2025 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2-25-25 1130	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.5/1.5

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795230.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262184-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/7/2025	Analysis Requested		Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWA-39 (680-262184-1)	2/24/25	13:25 Eastern	G	Water			X	X	X	2	
SCH-GWA-40 (680-262184-2)	2/24/25	15:35 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2-26-25 1415		M. Pinette	FEB 27 2025 0825	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262184-1

Login Number: 262184

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/10/2025 6:55:21 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-262296-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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3/10/2025 6:55:21 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262296-1	SCH-GWA-17	Water	02/26/25 09:22	02/27/25 11:31

Job ID: 680-262296-1 — Eurofins Savannah

Job Narrative
680-262296-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The sample was received on 2/27/2025 11:31 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-878139 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Client Sample ID: SCH-GWA-17
Date Collected: 02/26/25 09:22
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262296-1
Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.5**		1.0	0.20	mg/L			03/07/25 14:44	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 14:44	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 14:44	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:45	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:45	1
Barium	**0.027**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:45	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:45	1
Calcium	**7.4**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 13:45	1
Chromium	**0.0083**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:45	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:45	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:45	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:45	1
Magnesium	**2.9**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 13:45	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:45	1
Potassium	**0.95**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 13:45	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:45	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:45	1
Sodium	**9.3**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 13:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:45	1
Vanadium	**0.011**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:45	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**52**		5.0	2.2	mg/L			02/28/25 20:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**52**		5.0	2.2	mg/L			02/28/25 20:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 20:43	1
Total Dissolved Solids (SM 2540C-2011)	**81**		10	10	mg/L			02/28/25 14:16	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-878139/2
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 11:51	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 11:51	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 11:51	1

Lab Sample ID: LCS 680-878139/3
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.1		mg/L		101	90 - 110		
Fluoride			2.00	2.07		mg/L		104	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Lab Sample ID: LCSD 680-878139/4
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	0	15
Sulfate			10.0	11.0		mg/L		110	90 - 110	1	15

Lab Sample ID: 752-29902-A-1 MS
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.0	F1	10.0	7.87	F1	mg/L		59	80 - 120		
Fluoride	<0.040	F1 F2	2.00	1.40	F1	mg/L		70	80 - 120		
Sulfate	10	F1 F2	10.0	18.0	F1	mg/L		76	80 - 120		

Lab Sample ID: 752-29902-A-1 MSD
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0	F1	10.0	7.12	F1	mg/L		52	80 - 120	10	15
Fluoride	<0.040	F1 F2	2.00	0.916	F1 F2	mg/L		46	80 - 120	41	15
Sulfate	10	F1 F2	10.0	14.6	F1 F2	mg/L		43	80 - 120	21	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:57	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:57	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:57	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/04/25 09:57	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:57	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/04/25 09:57	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:57	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/04/25 09:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:57	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/04/25 09:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:57	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:57	1

Lab Sample ID: LCS 680-877300/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0527		mg/L		105	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0539		mg/L		108	80 - 120
Boron	0.400	0.400		mg/L		100	80 - 120
Cadmium	0.0500	0.0537		mg/L		107	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.0500	0.0520		mg/L		104	80 - 120
Copper	0.101	0.105		mg/L		104	80 - 120
Lead	0.500	0.522		mg/L		104	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.16		mg/L		102	80 - 120
Selenium	0.100	0.0932		mg/L		93	80 - 120
Silver	0.0500	0.0545		mg/L		109	80 - 120
Sodium	5.00	5.04		mg/L		101	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120
Vanadium	0.100	0.107		mg/L		107	80 - 120
Zinc	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0503		mg/L		101	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0024		0.100	0.106		mg/L		103	75 - 125
Barium	0.052		0.100	0.144		mg/L		92	75 - 125
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125
Boron	0.12		0.400	0.493		mg/L		92	75 - 125
Cadmium	0.00049	J	0.0500	0.0536		mg/L		106	75 - 125
Calcium	40		5.00	41.1	4	mg/L		31	75 - 125
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125
Cobalt	0.00074	J	0.0500	0.0506		mg/L		100	75 - 125
Copper	<0.0011		0.101	0.0996		mg/L		99	75 - 125
Lead	<0.00021		0.500	0.516		mg/L		103	75 - 125
Magnesium	23		5.00	26.0	4	mg/L		53	75 - 125
Nickel	0.0021		0.100	0.0994		mg/L		97	75 - 125
Potassium	0.31	J	7.00	7.30		mg/L		100	75 - 125
Selenium	0.0037	J	0.100	0.105		mg/L		102	75 - 125
Silver	<0.00039		0.0500	0.0535		mg/L		107	75 - 125
Sodium	23		5.00	25.5	4	mg/L		44	75 - 125
Thallium	<0.00026		0.0500	0.0505		mg/L		101	75 - 125
Vanadium	0.0033		0.100	0.107		mg/L		104	75 - 125
Zinc	0.0041	J	0.100	0.101		mg/L		97	75 - 125

Lab Sample ID: 680-262287-A-3-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0522		mg/L		104	75 - 125	4	20
Arsenic	0.0024		0.100	0.106		mg/L		104	75 - 125	1	20
Barium	0.052		0.100	0.152		mg/L		100	75 - 125	5	20
Beryllium	<0.00020		0.0500	0.0575		mg/L		115	75 - 125	7	20
Boron	0.12		0.400	0.497		mg/L		93	75 - 125	1	20
Cadmium	0.00049	J	0.0500	0.0560		mg/L		111	75 - 125	5	20
Calcium	40		5.00	45.2	4	mg/L		113	75 - 125	9	20
Chromium	<0.0012		0.100	0.110		mg/L		110	75 - 125	4	20
Cobalt	0.00074	J	0.0500	0.0530		mg/L		104	75 - 125	4	20
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125	5	20
Lead	<0.00021		0.500	0.534		mg/L		107	75 - 125	3	20
Magnesium	23		5.00	28.3	4	mg/L		100	75 - 125	9	20
Nickel	0.0021		0.100	0.104		mg/L		102	75 - 125	4	20
Potassium	0.31	J	7.00	7.59		mg/L		104	75 - 125	4	20
Selenium	0.0037	J	0.100	0.101		mg/L		97	75 - 125	5	20
Silver	<0.00039		0.0500	0.0559		mg/L		112	75 - 125	4	20
Sodium	23		5.00	26.5	4	mg/L		64	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0520		mg/L		104	75 - 125	3	20
Vanadium	0.0033		0.100	0.111		mg/L		108	75 - 125	4	20
Zinc	0.0041	J	0.100	0.105		mg/L		101	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878147/1-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:36	1

Lab Sample ID: LCS 680-878147/2-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878147

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00261		mg/L		104	80 - 120		

Lab Sample ID: 680-262339-F-5-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120		

Lab Sample ID: 680-262339-F-5-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877565/4
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1

Lab Sample ID: LCS 680-877565/6
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	241		mg/L		96	90 - 112		

Lab Sample ID: 680-262296-1 DU
Matrix: Water
Analysis Batch: 877565

Client Sample ID: SCH-GWA-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	52			51.1		mg/L				2	30
Bicarbonate Alkalinity as CaCO3	52			51.1		mg/L				2	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877383/1
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 14:16	1

Lab Sample ID: LCS 680-877383/2
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877383/3
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2360		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262261-C-8 DU
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	220			222		mg/L				3	5

HPLC/IC

Analysis Batch: 878139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	300.0-1993 R2.1	
MB 680-878139/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878139/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878139/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-29902-A-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-29902-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total Recoverable	Water	3005A	
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total Recoverable	Water	6020B	877300
680-262296-1	SCH-GWA-17	Total Recoverable	Water	6020B	877300
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	6020B	877300
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877300
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877300
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877300

Prep Batch: 878147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	7470A	
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	7470A	878147
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	878147
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	878147
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	878147
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878147

General Chemistry

Analysis Batch: 877383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	2540C-2011	
MB 680-877383/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877383/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877383/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262261-C-8 DU	Duplicate	Total/NA	Water	2540C-2011	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

General Chemistry

Analysis Batch: 877565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	2320B-2011	
MB 680-877565/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877565/6	Lab Control Sample	Total/NA	Water	2320B-2011	
680-262296-1 DU	SCH-GWA-17	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Client Sample ID: SCH-GWA-17
Date Collected: 02/26/25 09:22
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262296-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 14:44	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:45	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 09:59	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:04	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 20:43	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262296-1
Project/Site: CCR - Plant Scherer Cell 1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-GWA-17	2/26/25	09:22	G	WG	N	N	X	X	X	X	X	4

680-262296 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
MARK MANN	2/27/25 830	WSP	Yolanda Duncan	2/27/25 830	COURIER NOW
				2/27/25 1131	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.4/3.4

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262296-1

Login Number: 262296

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/14/2025 5:59:36 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-262255-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262255-1	SCH-GWA-16	Water	02/25/25 09:55	02/26/25 12:00
680-262255-2	SCH-GWC-4	Water	02/25/25 10:47	02/26/25 12:00
680-262255-3	SCH-GWC-3	Water	02/25/25 10:45	02/26/25 12:00
680-262255-4	SCH-GWC-20	Water	02/25/25 11:59	02/26/25 12:00
680-262255-5	SCH-GWC-2	Water	02/25/25 11:55	02/26/25 12:00
680-262255-6	SCH-GWA-15	Water	02/25/25 13:03	02/26/25 12:00
680-262255-7	SCH-GWC-1	Water	02/25/25 13:17	02/26/25 12:00
680-262255-8	SCH-GWC-14	Water	02/25/25 14:42	02/26/25 12:00
680-262255-9	SCH-CELL1-EB-5	Water	02/25/25 10:20	02/26/25 12:00
680-262255-10	SCH-CELL1-FB-5	Water	02/25/25 10:00	02/26/25 12:00
680-262255-11	SCH-CELL1-EB-6	Water	02/25/25 14:00	02/26/25 12:00
680-262255-12	SCH-CELL1-FB-6	Water	02/25/25 14:56	02/26/25 12:00
680-262255-13	SCH-GWC-18	Water	02/25/25 14:40	02/26/25 12:00
680-262255-14	SCH-GWC-5	Water	02/25/25 15:38	02/26/25 12:00
680-262255-15	SCH-GWC-19	Water	02/25/25 15:38	02/26/25 12:00

Job ID: 680-262255-1 — Eurofins Savannah

Job Narrative
680-262255-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/26/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.9°C, 2.1°C, 3.3°C, 3.4°C and 4.0°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877805 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877916 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2320B: The sample duplicate precision for the following sample associated with analytical batch 680-877284 was outside control limits: (680-262251-C-4 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-4 (680-262255-2) and SCH-GWC-5 (680-262255-14)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWA-16

Lab Sample ID: 680-262255-1

Date Collected: 02/25/25 09:55

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 17:12	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 17:12	1
Chloride	**1.6**		1.0	0.20	mg/L			03/05/25 17:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 20:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 20:40	1
Barium	**0.028**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 20:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 20:40	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 20:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 20:40	1
Calcium	**13**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 20:40	1
Chromium	**0.0068**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 20:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 20:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 20:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 20:40	1
Magnesium	**4.6**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 20:40	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 20:40	1
Potassium	**0.98**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 20:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 20:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 20:40	1
Sodium	**9.5**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 20:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 20:40	1
Vanadium	**0.0069**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 20:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 20:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**72**		5.0	2.2	mg/L			02/27/25 03:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**72**		5.0	2.2	mg/L			02/27/25 03:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 03:59	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/27/25 20:38	1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-262255-2

Date Collected: 02/25/25 10:47

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**150**		5.0	2.0	mg/L			03/05/25 17:22	5
Fluoride	<0.20		0.50	0.20	mg/L			03/05/25 17:22	5
Chloride	**28**		5.0	1.0	mg/L			03/05/25 17:22	5

Client Sample ID: SCH-GWC-4

Date Collected: 02/25/25 10:47
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-2

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:42	1
Barium	**0.15**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:42	1
Boron	**0.029**	**J**	0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:42	1
Calcium	**46**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:42	1
Chromium	**0.0025**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:42	1
Magnesium	**27**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:42	1
Nickel	**0.0019**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:42	1
Potassium	**2.1**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:42	1
Selenium	**0.0076**		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:42	1
Sodium	**17**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:42	1
Vanadium	**0.0041**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:42	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**51**		5.0	2.2	mg/L			02/27/25 03:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**51**		5.0	2.2	mg/L			02/27/25 03:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 03:50	1
Total Dissolved Solids (SM 2540C-2011)	**350**		40	40	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-3

Date Collected: 02/25/25 10:45
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-3

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**20**		1.0	0.40	mg/L			03/05/25 17:32	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 17:32	1
Chloride	**2.4**		1.0	0.20	mg/L			03/05/25 17:32	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:34	1
Barium	**0.021**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:34	1

Client Sample ID: SCH-GWC-3

Date Collected: 02/25/25 10:45
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-3
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:34	1
Calcium	**11**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:34	1
Chromium	**0.015**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:34	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:34	1
Magnesium	**6.1**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:34	1
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:34	1
Potassium	**0.73**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:34	1
Sodium	**6.5**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:34	1
Vanadium	**0.0042**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:34	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**44**		5.0	2.2	mg/L			02/27/25 02:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**44**		5.0	2.2	mg/L			02/27/25 02:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 02:40	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-20

Date Collected: 02/25/25 11:59
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-4
Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 17:42	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 17:42	1
Chloride	**2.4**		1.0	0.20	mg/L			03/05/25 17:42	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:19	1
Barium	**0.038**		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:19	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:19	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:19	1
Calcium	**18**		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:19	1
Chromium	**0.0084**		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:19	1

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-262255-4

Date Collected: 02/25/25 11:59

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:19	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:19	1
Magnesium	**8.1**		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:19	1
Nickel	**0.00061**	**J**	0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:19	1
Potassium	**1.1**		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:19	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:19	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:19	1
Sodium	**7.4**		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:19	1
Vanadium	**0.016**		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:19	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**89**		5.0	2.2	mg/L			02/27/25 04:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**89**		5.0	2.2	mg/L			02/27/25 04:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:09	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-262255-5

Date Collected: 02/25/25 11:55

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.40**	**J**	1.0	0.40	mg/L			03/05/25 17:52	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 17:52	1
Chloride	**2.1**		1.0	0.20	mg/L			03/05/25 17:52	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:31	1
Barium	**0.043**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:31	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:31	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:31	1
Calcium	**17**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:31	1
Chromium	**0.0092**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:31	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:31	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:31	1
Magnesium	**7.8**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:31	1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-262255-5

Date Collected: 02/25/25 11:55

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:31	1
Potassium	**1.2**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:31	1
Sodium	**8.7**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:31	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:31	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**94**		5.0	2.2	mg/L			02/27/25 02:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**94**		5.0	2.2	mg/L			02/27/25 02:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 02:32	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-262255-6

Date Collected: 02/25/25 13:03

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3.6**		1.0	0.40	mg/L			03/05/25 18:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 18:01	1
Chloride	**5.7**		1.0	0.20	mg/L			03/05/25 18:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:16	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:16	1
Barium	**0.013**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:16	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:16	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:16	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:16	1
Calcium	**4.1**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:16	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:16	1
Cobalt	**0.0013**	**J**	0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:16	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:16	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:16	1
Magnesium	**2.3**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:16	1
Nickel	**0.00072**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:16	1
Potassium	**0.24**	**J**	0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:16	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:16	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:16	1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-262255-6

Date Collected: 02/25/25 13:03

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**5.5**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:16	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:16	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:16	1
Zinc	**0.0034**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**21**		5.0	2.2	mg/L			02/27/25 02:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**21**		5.0	2.2	mg/L			02/27/25 02:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 02:09	1
Total Dissolved Solids (SM 2540C-2011)	**52**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-262255-7

Date Collected: 02/25/25 13:17

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.48**	**J F1 F2**	1.0	0.40	mg/L			03/05/25 18:50	1
Fluoride	<0.040	F1 F2	0.10	0.040	mg/L			03/05/25 18:50	1
Chloride	**3.9**	**F1 F2**	1.0	0.20	mg/L			03/05/25 18:50	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:21	1
Barium	**0.047**		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:21	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:21	1
Calcium	**17**		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:21	1
Chromium	**0.013**		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:21	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:21	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:21	1
Magnesium	**8.9**		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:21	1
Nickel	**0.00054**	**J**	0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:21	1
Potassium	**0.93**		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:21	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:21	1
Sodium	**10**		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:21	1
Vanadium	**0.017**		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:21	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:21	1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-262255-7

Date Collected: 02/25/25 13:17

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/27/25 04:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/27/25 04:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:35	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-262255-8

Date Collected: 02/25/25 14:42

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:19	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:19	1
Chloride	**4.3**		1.0	0.20	mg/L			03/05/25 19:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:45	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:45	1
Barium	**0.011**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:45	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:45	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:45	1
Calcium	**7.2**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:45	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:45	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:45	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:45	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:45	1
Magnesium	**3.8**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:45	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:45	1
Potassium	**0.47**	**J**	0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:45	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:45	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:45	1
Sodium	**3.4**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:45	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:45	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:38	1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-262255-8

Date Collected: 02/25/25 14:42

Matrix: Water

Date Received: 02/26/25 12:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**35**		5.0	2.2	mg/L			02/27/25 04:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**35**		5.0	2.2	mg/L			02/27/25 04:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:43	1
Total Dissolved Solids (SM 2540C-2011)	**66**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-262255-9

Date Collected: 02/25/25 10:20

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:29	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:29	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 19:29	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:13	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:13	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:13	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:13	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:13	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:13	1
Calcium	**0.20**	**J**	0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:13	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:13	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:13	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:13	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:13	1
Magnesium	**0.12**	**J**	0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:13	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:13	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:13	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:13	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:13	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:13	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:13	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:13	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:26	1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-262255-9

Date Collected: 02/25/25 10:20

Matrix: Water

Date Received: 02/26/25 12:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:26	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 680-262255-10

Date Collected: 02/25/25 10:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:39	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:39	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 19:39	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:29	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:29	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:29	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:29	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:29	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:29	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:29	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:29	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:29	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:20	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-262255-11

Date Collected: 02/25/25 14:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:49	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:49	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 19:49	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:26	1
Barium	**0.0034**	**J**	0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:26	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:26	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:26	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:26	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:26	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:26	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:26	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:26	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:15	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-262255-12

Date Collected: 02/25/25 14:56

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:58	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:58	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 19:58	1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-262255-12

Date Collected: 02/25/25 14:56

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:16	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:16	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:16	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:16	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:16	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:16	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:16	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:16	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:16	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:16	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:16	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:16	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:16	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:16	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:16	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:16	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:16	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:16	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:16	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**3.4**	**J**	5.0	2.2	mg/L			02/28/25 02:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**3.4**	**J**	5.0	2.2	mg/L			02/28/25 02:54	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 02:54	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-262255-13

Date Collected: 02/25/25 14:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 20:08	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 20:08	1
Chloride	**2.8**		1.0	0.20	mg/L			03/05/25 20:08	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:18	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:18	1
Barium	**0.036**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:18	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:18	1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-262255-13

Date Collected: 02/25/25 14:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:18	1
Calcium	**10**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:18	1
Chromium	**0.011**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:18	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:18	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:18	1
Magnesium	**5.0**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:18	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:18	1
Potassium	**0.73**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:18	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:18	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:18	1
Sodium	**7.3**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:18	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:18	1
Vanadium	**0.0060**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:18	1
Zinc	**0.0030**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**62**		5.0	2.2	mg/L			02/28/25 15:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**62**		5.0	2.2	mg/L			02/28/25 15:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 15:36	1
Total Dissolved Solids (SM 2540C-2011)	**99**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-262255-14

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**58**		5.0	2.0	mg/L			03/05/25 20:18	5
Fluoride	<0.040		0.10	0.040	mg/L			03/10/25 13:03	1
Chloride	**4.9**	**J**	5.0	1.0	mg/L			03/05/25 20:18	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:24	1
Barium	**0.036**		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:24	1
Boron	**0.14**		0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:24	1
Calcium	**25**		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:24	1
Chromium	**0.0057**		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:24	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-262255-14

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:24	1
Magnesium	**13**		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:24	1
Potassium	**1.0**		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:24	1
Selenium	**0.0013**	**J**	0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:24	1
Sodium	**12**		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:24	1
Vanadium	**0.0023**		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/28/25 15:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/28/25 15:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 15:28	1
Total Dissolved Solids (SM 2540C-2011)	**200**		40	40	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-19

Lab Sample ID: 680-262255-15

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 20:28	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 20:28	1
Chloride	**2.7**		1.0	0.20	mg/L			03/05/25 20:28	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:48	1
Barium	**0.033**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:48	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:48	1
Calcium	**18**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:48	1
Chromium	**0.016**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:48	1
Magnesium	**8.9**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:48	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWC-19

Date Collected: 02/25/25 15:38
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-15

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.0012**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:48	1
Potassium	**1.3**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:48	1
Sodium	**9.3**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:48	1
Vanadium	**0.0067**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**95**		5.0	2.2	mg/L			02/28/25 15:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**95**		5.0	2.2	mg/L			02/28/25 15:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 15:10	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/28/25 09:06	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877805/2
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 10:00	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 10:00	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 10:00	1

Lab Sample ID: LCS 680-877805/3
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.5		mg/L		105	90 - 110
Fluoride	2.00	1.96		mg/L		98	90 - 110
Chloride	10.0	9.98		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-877805/4
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.5		mg/L		105	90 - 110	0	15
Fluoride	2.00	1.96		mg/L		98	90 - 110	0	15
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15

Lab Sample ID: 680-262251-D-1 MS
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	<0.40	F1	10.0	3.37	F1	mg/L		34	80 - 120
Fluoride	<0.040	F1	2.00	0.774	F1	mg/L		39	80 - 120
Chloride	1.8	F1	10.0	6.01	F1	mg/L		42	80 - 120

Lab Sample ID: 680-262251-D-1 MSD
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<0.40	F1	10.0	3.18	F1	mg/L		32	80 - 120	6	15
Fluoride	<0.040	F1	2.00	0.753	F1	mg/L		38	80 - 120	3	15
Chloride	1.8	F1	10.0	5.91	F1	mg/L		41	80 - 120	2	15

Lab Sample ID: MB 680-877916/33
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 18:21	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 18:21	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 18:21	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-877916/34
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.4		mg/L		104	90 - 110		
Fluoride			2.00	2.06		mg/L		103	90 - 110		
Chloride			10.0	10.0		mg/L		100	90 - 110		

Lab Sample ID: LCSD 680-877916/35
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.4		mg/L		104	90 - 110	0	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	0	15
Chloride			10.0	10.1		mg/L		101	90 - 110	0	15

Lab Sample ID: 680-262255-7 MS
Matrix: Water
Analysis Batch: 877916

Client Sample ID: SCH-GWC-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	0.48	J F1 F2	10.0	4.66	F1	mg/L		42	80 - 120		
Fluoride	<0.040	F1 F2	2.00	0.996	F1	mg/L		50	80 - 120		
Chloride	3.9	F1 F2	10.0	9.61	F1	mg/L		57	80 - 120		

Lab Sample ID: 680-262255-7 MSD
Matrix: Water
Analysis Batch: 877916

Client Sample ID: SCH-GWC-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	0.48	J F1 F2	10.0	10.2	F2	mg/L		97	80 - 120	74	15
Fluoride	<0.040	F1 F2	2.00	1.89	F2	mg/L		94	80 - 120	62	15
Chloride	3.9	F1 F2	10.0	14.1	F2	mg/L		102	80 - 120	38	15

Lab Sample ID: MB 680-878279/2
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/10/25 11:03	1
Fluoride	<0.040		0.10	0.040	mg/L			03/10/25 11:03	1
Chloride	<0.20		1.0	0.20	mg/L			03/10/25 11:03	1

Lab Sample ID: LCS 680-878279/3
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	11.0		mg/L		110	90 - 110		
Fluoride			2.00	1.81		mg/L		91	90 - 110		
Chloride			10.0	10.1		mg/L		101	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-878279/4
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.8		mg/L		108	90 - 110	2	15
Fluoride			2.00	1.91		mg/L		96	90 - 110	5	15
Chloride			10.0	9.78		mg/L		98	90 - 110	3	15

Lab Sample ID: 752-30176-B-1 MS
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	5.6		10.0	16.5		mg/L		110	80 - 120		
Fluoride	<0.040		2.00	1.67		mg/L		84	80 - 120		
Chloride	1.4		10.0	11.6		mg/L		102	80 - 120		

Lab Sample ID: 752-30176-B-1 MSD
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	5.6		10.0	17.2		mg/L		117	80 - 120	4	15
Fluoride	<0.040		2.00	1.73		mg/L		86	80 - 120	3	15
Chloride	1.4		10.0	11.8		mg/L		105	80 - 120	2	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:24	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:24	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:24	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:24	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:24	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:24	1
Selenium	0.00140	J	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:24	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:24	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0497		mg/L		99	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.387		mg/L		97	80 - 120
Cadmium	0.0500	0.0528		mg/L		106	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0544		mg/L		109	80 - 120
Copper	0.101	0.108		mg/L		107	80 - 120
Lead	0.500	0.523		mg/L		105	80 - 120
Magnesium	5.00	4.81		mg/L		96	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	7.51		mg/L		107	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0500	0.0525		mg/L		105	80 - 120
Sodium	5.00	4.99		mg/L		100	80 - 120
Thallium	0.0500	0.0515		mg/L		103	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: 680-262261-E-7-B MS
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0515		mg/L		103	75 - 125
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125
Barium	0.014		0.100	0.118		mg/L		104	75 - 125
Beryllium	<0.00020		0.0500	0.0543		mg/L		109	75 - 125
Boron	<0.022		0.400	0.424		mg/L		106	75 - 125
Cadmium	<0.000078		0.0500	0.0534		mg/L		107	75 - 125
Calcium	17		5.00	21.3		mg/L		95	75 - 125
Chromium	0.0025		0.100	0.109		mg/L		106	75 - 125
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	<0.00021		0.500	0.522		mg/L		104	75 - 125
Magnesium	8.3		5.00	12.6		mg/L		87	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Potassium	1.1		7.00	8.73		mg/L		109	75 - 125
Selenium	0.0012	J B	0.100	0.105		mg/L		104	75 - 125
Silver	<0.00039	F1	0.0500	0.0632	F1	mg/L		126	75 - 125
Sodium	15		5.00	19.9		mg/L		89	75 - 125
Thallium	<0.00026		0.0500	0.0522		mg/L		104	75 - 125
Vanadium	0.015		0.100	0.120		mg/L		105	75 - 125
Zinc	<0.0028		0.100	0.107		mg/L		107	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262261-E-7-C MSD
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	3	20
Arsenic	<0.00086		0.100	0.100		mg/L		100	75 - 125	4	20
Barium	0.014		0.100	0.117		mg/L		103	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0518		mg/L		104	75 - 125	5	20
Boron	<0.022		0.400	0.407		mg/L		102	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0528		mg/L		106	75 - 125	1	20
Calcium	17		5.00	20.8		mg/L		84	75 - 125	2	20
Chromium	0.0025		0.100	0.107		mg/L		105	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0528		mg/L		106	75 - 125	3	20
Copper	<0.0011		0.101	0.105		mg/L		104	75 - 125	3	20
Lead	<0.00021		0.500	0.513		mg/L		103	75 - 125	2	20
Magnesium	8.3		5.00	12.5		mg/L		83	75 - 125	1	20
Nickel	<0.00042		0.100	0.105		mg/L		105	75 - 125	1	20
Potassium	1.1		7.00	8.54		mg/L		107	75 - 125	2	20
Selenium	0.0012	J B	0.100	0.102		mg/L		101	75 - 125	3	20
Silver	<0.00039	F1	0.0500	0.0608		mg/L		122	75 - 125	4	20
Sodium	15		5.00	19.8		mg/L		88	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.015		0.100	0.116		mg/L		101	75 - 125	4	20
Zinc	<0.0028		0.100	0.103		mg/L		103	75 - 125	4	20

Lab Sample ID: MB 680-877178/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:36	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:36	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:36	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:36	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:36	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:36	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:36	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:36	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:36	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:36	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:36	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:36	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:36	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:36	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:36	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:36	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:36	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:36	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:36	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:36	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877178/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0501		mg/L		100	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0532		mg/L		106	80 - 120
Boron	0.400	0.420		mg/L		105	80 - 120
Cadmium	0.0500	0.0518		mg/L		104	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0538		mg/L		108	80 - 120
Copper	0.101	0.108		mg/L		107	80 - 120
Lead	0.500	0.519		mg/L		104	80 - 120
Magnesium	5.00	4.76		mg/L		95	80 - 120
Nickel	0.100	0.106		mg/L		106	80 - 120
Potassium	7.00	7.44		mg/L		106	80 - 120
Selenium	0.100	0.105		mg/L		105	80 - 120
Silver	0.0500	0.0522		mg/L		104	80 - 120
Sodium	5.00	5.16		mg/L		103	80 - 120
Thallium	0.0500	0.0507		mg/L		101	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.109		mg/L		109	80 - 120

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 20:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 20:48	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 20:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 20:48	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 20:48	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 20:48	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 20:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 20:48	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 20:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 20:48	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 20:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 20:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 20:48	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 20:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 20:48	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 20:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 20:48	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877179/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0485		mg/L		97	80 - 120
Arsenic	0.100	0.0975		mg/L		98	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0528		mg/L		106	80 - 120
Boron	0.400	0.406		mg/L		101	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	4.89		mg/L		98	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0514		mg/L		103	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.500		mg/L		100	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.22		mg/L		103	80 - 120
Selenium	0.100	0.0996		mg/L		100	80 - 120
Silver	0.0500	0.0529		mg/L		106	80 - 120
Sodium	5.00	4.91		mg/L		98	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0976		mg/L		98	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: MB 680-877182/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:04	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:04	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:04	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:04	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:04	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:04	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:04	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:04	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:04	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:04	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:04	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877182/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877182

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			0.0500	0.0505		mg/L		101	80 - 120		
Arsenic			0.100	0.100		mg/L		100	80 - 120		
Barium			0.100	0.101		mg/L		101	80 - 120		
Beryllium			0.0500	0.0537		mg/L		107	80 - 120		
Boron			0.400	0.432		mg/L		108	80 - 120		
Cadmium			0.0500	0.0522		mg/L		104	80 - 120		
Calcium			5.00	4.99		mg/L		100	80 - 120		
Chromium			0.100	0.103		mg/L		103	80 - 120		
Cobalt			0.0500	0.0520		mg/L		104	80 - 120		
Copper			0.101	0.105		mg/L		104	80 - 120		
Lead			0.500	0.504		mg/L		101	80 - 120		
Magnesium			5.00	4.68		mg/L		94	80 - 120		
Nickel			0.100	0.106		mg/L		106	80 - 120		
Potassium			7.00	7.29		mg/L		104	80 - 120		
Selenium			0.100	0.101		mg/L		101	80 - 120		
Silver			0.0500	0.0516		mg/L		103	80 - 120		
Sodium			5.00	5.08		mg/L		102	80 - 120		
Thallium			0.0500	0.0503		mg/L		101	80 - 120		
Vanadium			0.100	0.0990		mg/L		99	80 - 120		
Zinc			0.100	0.104		mg/L		104	80 - 120		

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878032/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/06/25 18:19	1

Lab Sample ID: LCS 680-878032/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878032

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00248		mg/L		99	80 - 120		

Lab Sample ID: 400-271525-A-1-C MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120		

Lab Sample ID: 400-271525-A-1-D MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00104		mg/L		104	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878053/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:38	1

Lab Sample ID: LCS 680-878053/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878053

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00239		mg/L		96	80 - 120		

Lab Sample ID: 680-262261-E-1-C MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00105		mg/L		105	80 - 120		

Lab Sample ID: 680-262261-E-1-D MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00105		mg/L		105	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877284/4
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1

Lab Sample ID: LCS 680-877284/6
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	248		mg/L		99	90 - 112		

Lab Sample ID: LCSD 680-877284/31
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	253		mg/L		101	90 - 112	2	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-262185-B-6 DU
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	67		67.4		mg/L		0	30
Bicarbonate Alkalinity as CaCO3	67		67.4		mg/L		0	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Lab Sample ID: 680-262251-C-4 DU
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	12		8.39	F5	mg/L		34	30
Bicarbonate Alkalinity as CaCO3	12		8.39	F5	mg/L		34	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Lab Sample ID: MB 680-877372/4
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1

Lab Sample ID: LCS 680-877372/6
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	248		mg/L		99	90 - 112

Lab Sample ID: LCSD 680-877372/31
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	259		mg/L		103	90 - 112	4	30

Lab Sample ID: 680-262289-A-10 DU
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	140		137		mg/L		0.3	30
Bicarbonate Alkalinity as CaCO3	140		137		mg/L		0.3	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: MB 680-877561/4
Matrix: Water
Analysis Batch: 877561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/28/25 14:43	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 14:43	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 14:43	1

Lab Sample ID: LCS 680-877561/6
Matrix: Water
Analysis Batch: 877561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	244		mg/L		98	90 - 112		

Lab Sample ID: LCSD 680-877561/31
Matrix: Water
Analysis Batch: 877561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	247		mg/L		99	90 - 112	1	30

Lab Sample ID: 680-262255-15 DU
Matrix: Water
Analysis Batch: 877561

Client Sample ID: SCH-GWC-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	95			93.8		mg/L				2	30
Bicarbonate Alkalinity as CaCO3	95			93.8		mg/L				2	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877297/1
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 20:38	1

Lab Sample ID: LCS 680-877297/2
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2380		mg/L		98	80 - 120		

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-877297/3
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-262223-D-14 DU
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	480			468		mg/L				3	5

Lab Sample ID: MB 680-877333/1
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 09:06	1

Lab Sample ID: LCS 680-877333/2
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2480		mg/L		102	80 - 120		

Lab Sample ID: LCSD 680-877333/3
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2500		mg/L		103	80 - 120	1	25

Lab Sample ID: 680-262255-2 DU
Matrix: Water
Analysis Batch: 877333

Client Sample ID: SCH-GWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	350			358		mg/L				3	5

Lab Sample ID: 680-262255-14 DU
Matrix: Water
Analysis Batch: 877333

Client Sample ID: SCH-GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	200			198		mg/L				0	5

HPLC/IC

Analysis Batch: 877805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	300.0-1993 R2.1	
680-262255-2	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
680-262255-3	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-262255-4	SCH-GWC-20	Total/NA	Water	300.0-1993 R2.1	
680-262255-5	SCH-GWC-2	Total/NA	Water	300.0-1993 R2.1	
680-262255-6	SCH-GWA-15	Total/NA	Water	300.0-1993 R2.1	
MB 680-877805/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877805/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877805/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262251-D-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262251-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-7	SCH-GWC-1	Total/NA	Water	300.0-1993 R2.1	
680-262255-8	SCH-GWC-14	Total/NA	Water	300.0-1993 R2.1	
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	300.0-1993 R2.1	
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	300.0-1993 R2.1	
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	300.0-1993 R2.1	
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	300.0-1993 R2.1	
680-262255-13	SCH-GWC-18	Total/NA	Water	300.0-1993 R2.1	
680-262255-14	SCH-GWC-5	Total/NA	Water	300.0-1993 R2.1	
680-262255-15	SCH-GWC-19	Total/NA	Water	300.0-1993 R2.1	
MB 680-877916/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877916/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877916/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262255-7 MS	SCH-GWC-1	Total/NA	Water	300.0-1993 R2.1	
680-262255-7 MSD	SCH-GWC-1	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-14	SCH-GWC-5	Total/NA	Water	300.0-1993 R2.1	
MB 680-878279/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878279/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878279/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-30176-B-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-30176-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-3	SCH-GWC-3	Total Recoverable	Water	3005A	
680-262255-5	SCH-GWC-2	Total Recoverable	Water	3005A	
680-262255-6	SCH-GWA-15	Total Recoverable	Water	3005A	
680-262255-9	SCH-CELL1-EB-5	Total Recoverable	Water	3005A	
680-262255-10	SCH-CELL1-FB-5	Total Recoverable	Water	3005A	
680-262255-11	SCH-CELL1-EB-6	Total Recoverable	Water	3005A	
680-262255-13	SCH-GWC-18	Total Recoverable	Water	3005A	
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 877177 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-E-7-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262261-E-7-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total Recoverable	Water	3005A	
MB 680-877178/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877178/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 877179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-2	SCH-GWC-4	Total Recoverable	Water	3005A	
680-262255-8	SCH-GWC-14	Total Recoverable	Water	3005A	
680-262255-15	SCH-GWC-19	Total Recoverable	Water	3005A	
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 877182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-4	SCH-GWC-20	Total Recoverable	Water	3005A	
680-262255-7	SCH-GWC-1	Total Recoverable	Water	3005A	
680-262255-12	SCH-CELL1-FB-6	Total Recoverable	Water	3005A	
680-262255-14	SCH-GWC-5	Total Recoverable	Water	3005A	
MB 680-877182/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877182/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 878032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	7470A	
680-262255-2	SCH-GWC-4	Total/NA	Water	7470A	
680-262255-3	SCH-GWC-3	Total/NA	Water	7470A	
680-262255-4	SCH-GWC-20	Total/NA	Water	7470A	
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 878053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-5	SCH-GWC-2	Total/NA	Water	7470A	
680-262255-6	SCH-GWA-15	Total/NA	Water	7470A	
680-262255-7	SCH-GWC-1	Total/NA	Water	7470A	
680-262255-8	SCH-GWC-14	Total/NA	Water	7470A	
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	7470A	
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	7470A	
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	7470A	
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	7470A	
680-262255-13	SCH-GWC-18	Total/NA	Water	7470A	
680-262255-14	SCH-GWC-5	Total/NA	Water	7470A	
680-262255-15	SCH-GWC-19	Total/NA	Water	7470A	
MB 680-878053/1-A	Method Blank	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 878053 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-878053/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262261-E-1-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262261-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	7470A	878032
680-262255-2	SCH-GWC-4	Total/NA	Water	7470A	878032
680-262255-3	SCH-GWC-3	Total/NA	Water	7470A	878032
680-262255-4	SCH-GWC-20	Total/NA	Water	7470A	878032
680-262255-5	SCH-GWC-2	Total/NA	Water	7470A	878053
680-262255-6	SCH-GWA-15	Total/NA	Water	7470A	878053
680-262255-7	SCH-GWC-1	Total/NA	Water	7470A	878053
680-262255-8	SCH-GWC-14	Total/NA	Water	7470A	878053
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	7470A	878053
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	7470A	878053
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	7470A	878053
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	7470A	878053
680-262255-13	SCH-GWC-18	Total/NA	Water	7470A	878053
680-262255-14	SCH-GWC-5	Total/NA	Water	7470A	878053
680-262255-15	SCH-GWC-19	Total/NA	Water	7470A	878053
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	878032
MB 680-878053/1-A	Method Blank	Total/NA	Water	7470A	878053
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	878032
LCS 680-878053/2-A	Lab Control Sample	Total/NA	Water	7470A	878053
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	878032
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878032
680-262261-E-1-C MS	Matrix Spike	Total/NA	Water	7470A	878053
680-262261-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878053

Analysis Batch: 878157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total Recoverable	Water	6020B	877178
680-262255-2	SCH-GWC-4	Total Recoverable	Water	6020B	877179
680-262255-3	SCH-GWC-3	Total Recoverable	Water	6020B	877177
680-262255-4	SCH-GWC-20	Total Recoverable	Water	6020B	877182
680-262255-5	SCH-GWC-2	Total Recoverable	Water	6020B	877177
680-262255-6	SCH-GWA-15	Total Recoverable	Water	6020B	877177
680-262255-7	SCH-GWC-1	Total Recoverable	Water	6020B	877182
680-262255-8	SCH-GWC-14	Total Recoverable	Water	6020B	877179
680-262255-9	SCH-CELL1-EB-5	Total Recoverable	Water	6020B	877177
680-262255-10	SCH-CELL1-FB-5	Total Recoverable	Water	6020B	877177
680-262255-11	SCH-CELL1-EB-6	Total Recoverable	Water	6020B	877177
680-262255-12	SCH-CELL1-FB-6	Total Recoverable	Water	6020B	877182
680-262255-13	SCH-GWC-18	Total Recoverable	Water	6020B	877177
680-262255-14	SCH-GWC-5	Total Recoverable	Water	6020B	877182
680-262255-15	SCH-GWC-19	Total Recoverable	Water	6020B	877179
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	6020B	877177
MB 680-877178/1-A	Method Blank	Total Recoverable	Water	6020B	877178
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	6020B	877179
MB 680-877182/1-A	Method Blank	Total Recoverable	Water	6020B	877182

Metals (Continued)

Analysis Batch: 878157 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877177
LCS 680-877178/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877178
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877179
LCS 680-877182/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877182
680-262261-E-7-B MS	Matrix Spike	Total Recoverable	Water	6020B	877177
680-262261-E-7-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877177

General Chemistry

Analysis Batch: 877284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	2320B-2011	
680-262255-2	SCH-GWC-4	Total/NA	Water	2320B-2011	
680-262255-3	SCH-GWC-3	Total/NA	Water	2320B-2011	
680-262255-4	SCH-GWC-20	Total/NA	Water	2320B-2011	
680-262255-5	SCH-GWC-2	Total/NA	Water	2320B-2011	
680-262255-6	SCH-GWA-15	Total/NA	Water	2320B-2011	
680-262255-7	SCH-GWC-1	Total/NA	Water	2320B-2011	
680-262255-8	SCH-GWC-14	Total/NA	Water	2320B-2011	
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	2320B-2011	
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	2320B-2011	
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	2320B-2011	
MB 680-877284/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877284/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877284/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262185-B-6 DU	Duplicate	Total/NA	Water	2320B-2011	
680-262251-C-4 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	2540C-2011	
MB 680-877297/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877297/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877297/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262223-D-14 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 877333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-2	SCH-GWC-4	Total/NA	Water	2540C-2011	
680-262255-3	SCH-GWC-3	Total/NA	Water	2540C-2011	
680-262255-4	SCH-GWC-20	Total/NA	Water	2540C-2011	
680-262255-5	SCH-GWC-2	Total/NA	Water	2540C-2011	
680-262255-6	SCH-GWA-15	Total/NA	Water	2540C-2011	
680-262255-7	SCH-GWC-1	Total/NA	Water	2540C-2011	
680-262255-8	SCH-GWC-14	Total/NA	Water	2540C-2011	
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	2540C-2011	
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	2540C-2011	
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	2540C-2011	
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	2540C-2011	
680-262255-13	SCH-GWC-18	Total/NA	Water	2540C-2011	
680-262255-14	SCH-GWC-5	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 877333 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-15	SCH-GWC-19	Total/NA	Water	2540C-2011	
MB 680-877333/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877333/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877333/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262255-2 DU	SCH-GWC-4	Total/NA	Water	2540C-2011	
680-262255-14 DU	SCH-GWC-5	Total/NA	Water	2540C-2011	

Analysis Batch: 877372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	2320B-2011	
MB 680-877372/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877372/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877372/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262289-A-10 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-13	SCH-GWC-18	Total/NA	Water	2320B-2011	
680-262255-14	SCH-GWC-5	Total/NA	Water	2320B-2011	
680-262255-15	SCH-GWC-19	Total/NA	Water	2320B-2011	
MB 680-877561/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877561/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877561/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262255-15 DU	SCH-GWC-19	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 680-262255-1

Date Collected: 02/25/25 09:55

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 17:12	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877178	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 20:40	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:01	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 03:59	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-262255-2

Date Collected: 02/25/25 10:47

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877805	03/05/25 17:22	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 21:42	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:05	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 03:50	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-262255-3

Date Collected: 02/25/25 10:45

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 17:32	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:34	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 10:11	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-262255-3

Date Collected: 02/25/25 10:45

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 02:40	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-262255-4

Date Collected: 02/25/25 11:59

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 17:42	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877182	02/27/25 05:30	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 15:19	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:03	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:09	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-262255-5

Date Collected: 02/25/25 11:55

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 17:52	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:31	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:42	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 02:32	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-262255-6

Date Collected: 02/25/25 13:03

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 18:01	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:16	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:40	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 02:09	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-262255-7

Date Collected: 02/25/25 13:17

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 18:50	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877182	02/27/25 05:30	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 15:21	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:21	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:35	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-262255-8

Date Collected: 02/25/25 14:42

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:19	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 21:45	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:38	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-262255-8

Date Collected: 02/25/25 14:42

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:43	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-262255-9

Date Collected: 02/25/25 10:20

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:29	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:13	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:33	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:26	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 680-262255-10

Date Collected: 02/25/25 10:00

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:39	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:29	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:14	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:20	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-262255-11

Date Collected: 02/25/25 14:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:49	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:26	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:09	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:15	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-262255-12

Date Collected: 02/25/25 14:56
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:58	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877182	02/27/25 05:30	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 15:16	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:12	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877372	02/28/25 02:54	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-262255-13

Date Collected: 02/25/25 14:40
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 20:08	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:18	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:35	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-262255-13

Date Collected: 02/25/25 14:40

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877561	02/28/25 15:36	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-262255-14

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877916	03/05/25 20:18	AF	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878279	03/10/25 13:03	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877182	02/27/25 05:30	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 15:24	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:23	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877561	02/28/25 15:28	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-19

Lab Sample ID: 680-262255-15

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 20:28	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 21:48	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:07	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877561	02/28/25 15:10	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262255-1
Project/Site: CCR - Plant Scherer Cell 1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb							Total Number of containers
			Preservation Code:				N	N	D	D	N							
SCH-GWA-16	2/25/25	09:55	G	WG	N	N	X	X	X	X	X							4
SCH-GWC-4	2/25/25	10:47	G	WG	N	N	X	X	X	X	X							4
SCH-GWC-3	2/25/25	10:45	G	WG	N	N	X	X	X	X	X							4
SCH-GWC-20	2/25/25	11:59	G	WG	N	N	X	X	X	X	X							4
SCH-GWC-2	2/25/25	11:55	G	WG	N	N	X	X	X	X	X							4
SCH-GWA-15	2/25/25	13:03	G	WG	N	N	X	X	X	X	X							4
SCH-GWC-1	2/25/25	13:17	G	WG	N	N	X	X	X	X	X							4
SCH-GWC-14	2/25/25	14:42	G	WG	N	N	X	X	X	X	X							4
SCH-CELL1-EB-5	2/25/25	10:20	G	WQ	N	N	X	X	X	X	X							4
SCH-CELL1-FB-5	2/25/25	10:00	G	WQ	N	N	X	X	X	X	X							4
SCH-CELL1-EB-6	2/25/25	14:00	G	WQ	N	N	X	X	X	X	X							4

680-262255 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/26/25 840	WSP	Miranda Lucear	2/26/25 840	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1	Project #:			
Site:				

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-CELL1-FB-6	2/25/25	14:56	G	WQ	N	N	X	X	X	X	X	4
SCH-GWC-18	2/25/25	14:40	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-5	2/25/25	15:38	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-19	2/25/25	15:38	G	WG	N	N	X	X	X	X	X	4

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company		Date/Time:	Company
Relinquished by: MARK MANN	2/26/25 840	WSP	Received by: Miranda Lucear	2/26/25 840	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262255-1

Login Number: 262255
List Number: 1
Creator: Johnson, Corey M

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/7/2025 5:48:41 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-262185-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262185-1	SCH-GWC-6	Water	02/24/25 15:41	02/25/25 11:30
680-262185-2	SCH-GWC-7	Water	02/24/25 11:31	02/25/25 11:30
680-262185-3	SCH-GWC-8A	Water	02/24/25 12:50	02/25/25 11:30
680-262185-4	SCH-GWC-9	Water	02/24/25 13:40	02/25/25 11:30
680-262185-5	SCH-GWC-10	Water	02/24/25 12:01	02/25/25 11:30
680-262185-6	SCH-GWC-11	Water	02/24/25 13:50	02/25/25 11:30
680-262185-7	SCH-GWC-12	Water	02/24/25 14:36	02/25/25 11:30
680-262185-8	SCH-GWC-13	Water	02/24/25 15:23	02/25/25 11:30
680-262185-9	SCH-CELL1-FD-5	Water	02/24/25 00:00	02/25/25 11:30
680-262185-10	SCH-CELL1-FD-6	Water	02/24/25 00:00	02/25/25 11:30

Job ID: 680-262185-1 — Eurofins Savannah

Job Narrative
680-262185-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/25/2025 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.1°C, 1.5°C and 2.0°C.

HPLC/IC
Method 300_ORGFM_28D: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for analytical batch 680-877525. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877640 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-8A (680-262185-3), SCH-GWC-9 (680-262185-4) and SCH-CELL1-FD-6 (680-262185-10).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-262185-1

Date Collected: 02/24/25 15:41

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**30**		1.0	0.40	mg/L			03/03/25 14:21	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 14:21	1
Chloride	**6.1**		1.0	0.20	mg/L			03/03/25 14:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:44	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:44	1
Barium	**0.070**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:44	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:44	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:44	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:44	1
Calcium	**23**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:44	1
Chromium	**0.0054**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:44	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:44	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:44	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:44	1
Magnesium	**12**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:44	1
Nickel	**0.00064**	**J**	0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:44	1
Potassium	**1.8**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:44	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:44	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:44	1
Sodium	**13**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:44	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:44	1
Vanadium	**0.011**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:44	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 09:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/26/25 22:08	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/26/25 22:08	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:08	1
Total Dissolved Solids (SM 2540C-2011)	**160**		10	10	mg/L			02/27/25 17:29	1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-262185-2

Date Collected: 02/24/25 11:31

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3.5**	**F1**	1.0	0.40	mg/L			03/03/25 14:51	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/03/25 14:51	1
Chloride	**6.5**	**F1**	1.0	0.20	mg/L			03/03/25 14:51	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-262185-2

Date Collected: 02/24/25 11:31

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:56	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:56	1
Barium	**0.043**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:56	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:56	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:56	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:56	1
Calcium	**19**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:56	1
Chromium	**0.024**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:56	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:56	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:56	1
Magnesium	**8.2**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:56	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:56	1
Potassium	**1.1**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:56	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:56	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:56	1
Sodium	**10**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:56	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:56	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:56	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 10:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**77**		5.0	2.2	mg/L			02/26/25 22:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**77**		5.0	2.2	mg/L			02/26/25 22:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:18	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-262185-3

Date Collected: 02/24/25 12:50

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**21**		1.0	0.40	mg/L			03/03/25 15:20	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 15:20	1
Chloride	**6.8**		1.0	0.20	mg/L			03/03/25 15:20	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:46	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:46	1
Barium	**0.039**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:46	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:46	1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-262185-3

Date Collected: 02/24/25 12:50

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.17**		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:46	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:46	1
Calcium	**42**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:46	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:46	1
Cobalt	**0.0018**	**J**	0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:46	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:46	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:46	1
Magnesium	**20**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:46	1
Nickel	**0.0046**		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:46	1
Potassium	**1.8**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:46	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:46	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:46	1
Sodium	**13**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:46	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:46	1
Vanadium	**0.0020**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:46	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			02/26/25 21:49	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			02/26/25 21:49	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 21:49	1
Total Dissolved Solids (SM 2540C-2011)	**260**		40	40	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-262185-4

Date Collected: 02/24/25 13:40

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**19**		1.0	0.40	mg/L			03/04/25 10:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/04/25 10:01	1
Chloride	**6.3**		1.0	0.20	mg/L			03/04/25 10:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:50	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:50	1
Barium	**0.029**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:50	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:50	1
Boron	**0.056**	**J**	0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:50	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:50	1
Calcium	**34**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:50	1
Chromium	**0.0029**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:50	1

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-262185-4

Date Collected: 02/24/25 13:40

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:50	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:50	1
Magnesium	**8.6**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:50	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:50	1
Potassium	**0.84**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:50	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:50	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:50	1
Sodium	**11**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:50	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:50	1
Vanadium	**0.010**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:50	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 10:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 21:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 21:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 21:59	1
Total Dissolved Solids (SM 2540C-2011)	**180**		40	40	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-262185-5

Date Collected: 02/24/25 12:01

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**4.3**		1.0	0.40	mg/L			03/03/25 15:40	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 15:40	1
Chloride	**4.6**		1.0	0.20	mg/L			03/03/25 15:40	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:42	1
Barium	**0.035**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:42	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:42	1
Calcium	**20**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:42	1
Chromium	**0.017**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:42	1
Magnesium	**11**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:42	1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-262185-5

Date Collected: 02/24/25 12:01

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.0011**		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:42	1
Potassium	**0.88**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:42	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:42	1
Sodium	**8.7**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:42	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:42	1
Zinc	**0.0097**		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 10:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**98**		5.0	2.2	mg/L			02/26/25 23:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**98**		5.0	2.2	mg/L			02/26/25 23:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 23:01	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-262185-6

Date Collected: 02/24/25 13:50

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 15:49	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 15:49	1
Chloride	**1.8**		1.0	0.20	mg/L			03/03/25 15:49	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:40	1
Barium	**0.020**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:40	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:40	1
Calcium	**14**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:40	1
Chromium	**0.0079**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:40	1
Magnesium	**6.5**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:40	1
Nickel	**0.00053**	**J**	0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:40	1
Potassium	**0.69**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:40	1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-262185-6

Date Collected: 02/24/25 13:50

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**4.7**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:40	1
Vanadium	**0.011**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:40	1
Zinc	**0.0031**	**J**	0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			02/27/25 01:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			02/27/25 01:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 01:09	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-262185-7

Date Collected: 02/24/25 14:36

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 15:59	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 15:59	1
Chloride	**2.1**		1.0	0.20	mg/L			03/03/25 15:59	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:34	1
Barium	**0.020**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:34	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:34	1
Calcium	**1.7**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:34	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:34	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:34	1
Magnesium	**1.0**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:34	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:34	1
Potassium	**0.26**	**J**	0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:34	1
Sodium	**3.0**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:34	1
Vanadium	**0.00072**	**J**	0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:34	1
Zinc	**0.0029**	**J**	0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:34	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-262185-7

Date Collected: 02/24/25 14:36

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**10**		5.0	2.2	mg/L			02/26/25 22:52	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**10**		5.0	2.2	mg/L			02/26/25 22:52	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:52	1
Total Dissolved Solids (SM 2540C-2011)	**31**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-262185-8

Date Collected: 02/24/25 15:23

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.41**	**J**	1.0	0.40	mg/L			03/03/25 16:09	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 16:09	1
Chloride	**1.5**		1.0	0.20	mg/L			03/03/25 16:09	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:48	1
Barium	**0.041**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:48	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:48	1
Calcium	**7.9**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:48	1
Chromium	**0.0053**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:48	1
Magnesium	**4.6**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:48	1
Potassium	**0.47**	**J**	0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:48	1
Sodium	**6.7**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:48	1
Vanadium	**0.0022**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:48	1
Zinc	**0.0036**	**J**	0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 09:54	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-262185-8

Date Collected: 02/24/25 15:23

Matrix: Water

Date Received: 02/25/25 11:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**49**		5.0	2.2	mg/L			02/26/25 22:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**49**		5.0	2.2	mg/L			02/26/25 22:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:44	1
Total Dissolved Solids (SM 2540C-2011)	**86**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-262185-9

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**4.2**		1.0	0.40	mg/L			03/03/25 16:19	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 16:19	1
Chloride	**4.5**		1.0	0.20	mg/L			03/03/25 16:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:36	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:36	1
Barium	**0.037**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:36	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:36	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:36	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:36	1
Calcium	**21**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:36	1
Chromium	**0.019**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:36	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:36	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:36	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:36	1
Magnesium	**11**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:36	1
Nickel	**0.0013**		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:36	1
Potassium	**1.0**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:36	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:36	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:36	1
Sodium	**9.3**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:36	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:36	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:36	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/26/25 22:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/26/25 22:27	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-262185-9

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:27	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 680-262185-10

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**18**		1.0	0.40	mg/L			03/04/25 18:42	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/04/25 18:42	1
Chloride	**5.7**		1.0	0.20	mg/L			03/04/25 18:42	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:38	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:38	1
Barium	**0.030**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:38	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:38	1
Boron	**0.061**	**J**	0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:38	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:38	1
Calcium	**36**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:38	1
Chromium	**0.0034**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:38	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:38	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:38	1
Magnesium	**9.6**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:38	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:38	1
Potassium	**0.88**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:38	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:38	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:38	1
Sodium	**11**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:38	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:38	1
Vanadium	**0.010**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:38	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 22:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 22:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:36	1
Total Dissolved Solids (SM 2540C-2011)	**180**		40	40	mg/L			02/27/25 20:04	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877525/2
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 10:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 10:01	1
Chloride	<0.20		1.0	0.20	mg/L			03/03/25 10:01	1

Lab Sample ID: LCS 680-877525/3
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.6		mg/L		106	90 - 110
Fluoride	2.00	1.85		mg/L		92	90 - 110
Chloride	10.0	9.94		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-877525/4
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.6		mg/L		106	90 - 110	1	15
Fluoride	2.00	1.86		mg/L		93	90 - 110	1	15
Chloride	10.0	10.0		mg/L		100	90 - 110	1	15

Lab Sample ID: 680-262185-2 MS
Matrix: Water
Analysis Batch: 877525

Client Sample ID: SCH-GWC-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	3.5	F1	20.0	3.54	F1	mg/L		0.04	80 - 120
Fluoride	<0.040	F1	4.00	<0.040	F1	mg/L		0	80 - 120
Chloride	6.5	F1	20.0	6.52	F1	mg/L		0.3	80 - 120

Lab Sample ID: 680-262185-2 MSD
Matrix: Water
Analysis Batch: 877525

Client Sample ID: SCH-GWC-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	3.5	F1	20.0	3.54	F1	mg/L		0.04	80 - 120	0	15
Fluoride	<0.040	F1	4.00	<0.040	F1	mg/L		0	80 - 120	NC	15
Chloride	6.5	F1	20.0	6.58	F1	mg/L		0.6	80 - 120	1	15

Lab Sample ID: MB 680-877639/2
Matrix: Water
Analysis Batch: 877639

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/04/25 09:15	1
Fluoride	<0.040		0.10	0.040	mg/L			03/04/25 09:15	1
Chloride	<0.20		1.0	0.20	mg/L			03/04/25 09:15	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-877639/3
Matrix: Water
Analysis Batch: 877639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.6		mg/L		106	90 - 110		
Fluoride			2.00	1.95		mg/L		98	90 - 110		
Chloride			10.0	10.8		mg/L		108	90 - 110		

Lab Sample ID: LCSD 680-877639/4
Matrix: Water
Analysis Batch: 877639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.5		mg/L		105	90 - 110	1	15
Fluoride			2.00	1.96		mg/L		98	90 - 110	0	15
Chloride			10.0	10.6		mg/L		106	90 - 110	1	15

Lab Sample ID: 680-262185-4 MS
Matrix: Water
Analysis Batch: 877639

Client Sample ID: SCH-GWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	19		10.0	30.0		mg/L		109	80 - 120		
Fluoride	<0.040		2.00	1.98		mg/L		99	80 - 120		
Chloride	6.3		10.0	16.8		mg/L		105	80 - 120		

Lab Sample ID: 680-262185-4 MSD
Matrix: Water
Analysis Batch: 877639

Client Sample ID: SCH-GWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	19		10.0	30.4		mg/L		114	80 - 120	1	15
Fluoride	<0.040		2.00	1.87		mg/L		94	80 - 120	5	15
Chloride	6.3		10.0	17.0		mg/L		107	80 - 120	1	15

Lab Sample ID: MB 680-877640/2
Matrix: Water
Analysis Batch: 877640

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/04/25 09:17	1
Fluoride	<0.040		0.10	0.040	mg/L			03/04/25 09:17	1
Chloride	<0.20		1.0	0.20	mg/L			03/04/25 09:17	1

Lab Sample ID: LCS 680-877640/3
Matrix: Water
Analysis Batch: 877640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.6		mg/L		106	90 - 110		
Fluoride			2.00	1.92		mg/L		96	90 - 110		
Chloride			10.0	10.0		mg/L		100	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-877640/4
Matrix: Water
Analysis Batch: 877640

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.7		mg/L		107	90 - 110	0	15
Fluoride			2.00	1.93		mg/L		97	90 - 110	0	15
Chloride			10.0	10.1		mg/L		101	90 - 110	1	15

Lab Sample ID: 680-262185-10 MS
Matrix: Water
Analysis Batch: 877640

Client Sample ID: SCH-CELL1-FD-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	18		10.0	28.2		mg/L		101	80 - 120		
Fluoride	<0.040	F1	2.00	1.57	F1	mg/L		79	80 - 120		
Chloride	5.7		10.0	14.4		mg/L		88	80 - 120		

Lab Sample ID: 680-262185-10 MSD
Matrix: Water
Analysis Batch: 877640

Client Sample ID: SCH-CELL1-FD-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	18		10.0	29.1		mg/L		110	80 - 120	3	15
Fluoride	<0.040	F1	2.00	1.73		mg/L		87	80 - 120	10	15
Chloride	5.7		10.0	15.3		mg/L		96	80 - 120	6	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:09	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:09	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:09	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:09	1
Magnesium	<0.023		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:09	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:09	1
Potassium	<0.044		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:09	1
Sodium	<0.20		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:09	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:09	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:09	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.0990		mg/L		99	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.371		mg/L		93	80 - 120
Cadmium	0.0500	0.0530		mg/L		106	80 - 120
Calcium	5.00	5.19		mg/L		104	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0499		mg/L		100	80 - 120
Copper	0.101	0.0997		mg/L		99	80 - 120
Lead	0.500	0.572		mg/L		114	80 - 120
Magnesium	5.00	4.53		mg/L		91	80 - 120
Nickel	0.100	0.0982		mg/L		98	80 - 120
Potassium	7.00	6.75		mg/L		96	80 - 120
Selenium	0.100	0.110		mg/L		110	80 - 120
Silver	0.0500	0.0596		mg/L		119	80 - 120
Sodium	5.00	4.86		mg/L		97	80 - 120
Thallium	0.0500	0.0456		mg/L		91	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120
Zinc	0.100	0.103		mg/L		103	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877714/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:30	1

Lab Sample ID: LCS 680-877714/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00251		mg/L		100	80 - 120

Lab Sample ID: 680-262088-C-4-C MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 680-262088-C-4-D MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878032/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/06/25 18:19	1

Lab Sample ID: LCS 680-878032/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00248		mg/L		99	80 - 120

Lab Sample ID: 400-271525-A-1-C MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 400-271525-A-1-D MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00104		mg/L		104	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877283/4
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1

Lab Sample ID: LCS 680-877283/6
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	244		mg/L		98	90 - 112

Lab Sample ID: LCSD 680-877283/31
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	249		mg/L		100	90 - 112	2	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-262184-D-2 DU
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	48		45.9		mg/L		5	30
Bicarbonate Alkalinity as CaCO3	48		45.9		mg/L		5	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Lab Sample ID: MB 680-877284/4
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1

Lab Sample ID: LCS 680-877284/6
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	248		mg/L		99	90 - 112

Lab Sample ID: LCSD 680-877284/31
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	253		mg/L		101	90 - 112	2	30

Lab Sample ID: 680-262185-6 DU
Matrix: Water
Analysis Batch: 877284

Client Sample ID: SCH-GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	67		67.4		mg/L		0	30
Bicarbonate Alkalinity as CaCO3	67		67.4		mg/L		0	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877293/1
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 17:29	1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCS 680-877293/2
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2400		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877293/3
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262130-C-19 DU
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1120		mg/L				0.9	5

Lab Sample ID: MB 680-877296/1
Matrix: Water
Analysis Batch: 877296

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 20:01	1

Lab Sample ID: LCS 680-877296/2
Matrix: Water
Analysis Batch: 877296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2470		mg/L		101	80 - 120		

Lab Sample ID: LCSD 680-877296/3
Matrix: Water
Analysis Batch: 877296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2420		mg/L		99	80 - 120	2	25

Lab Sample ID: 680-262185-3 DU
Matrix: Water
Analysis Batch: 877296

Client Sample ID: SCH-GWC-8A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	260			260		mg/L				0	5

HPLC/IC

Analysis Batch: 877525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	300.0-1993 R2.1	
680-262185-2	SCH-GWC-7	Total/NA	Water	300.0-1993 R2.1	
680-262185-3	SCH-GWC-8A	Total/NA	Water	300.0-1993 R2.1	
680-262185-5	SCH-GWC-10	Total/NA	Water	300.0-1993 R2.1	
680-262185-6	SCH-GWC-11	Total/NA	Water	300.0-1993 R2.1	
680-262185-7	SCH-GWC-12	Total/NA	Water	300.0-1993 R2.1	
680-262185-8	SCH-GWC-13	Total/NA	Water	300.0-1993 R2.1	
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	300.0-1993 R2.1	
MB 680-877525/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877525/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877525/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262185-2 MS	SCH-GWC-7	Total/NA	Water	300.0-1993 R2.1	
680-262185-2 MSD	SCH-GWC-7	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-4	SCH-GWC-9	Total/NA	Water	300.0-1993 R2.1	
MB 680-877639/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877639/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877639/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262185-4 MS	SCH-GWC-9	Total/NA	Water	300.0-1993 R2.1	
680-262185-4 MSD	SCH-GWC-9	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	300.0-1993 R2.1	
MB 680-877640/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877640/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877640/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262185-10 MS	SCH-CELL1-FD-6	Total/NA	Water	300.0-1993 R2.1	
680-262185-10 MSD	SCH-CELL1-FD-6	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total Recoverable	Water	3005A	
680-262185-2	SCH-GWC-7	Total Recoverable	Water	3005A	
680-262185-3	SCH-GWC-8A	Total Recoverable	Water	3005A	
680-262185-4	SCH-GWC-9	Total Recoverable	Water	3005A	
680-262185-5	SCH-GWC-10	Total Recoverable	Water	3005A	
680-262185-6	SCH-GWC-11	Total Recoverable	Water	3005A	
680-262185-7	SCH-GWC-12	Total Recoverable	Water	3005A	
680-262185-8	SCH-GWC-13	Total Recoverable	Water	3005A	
680-262185-9	SCH-CELL1-FD-5	Total Recoverable	Water	3005A	
680-262185-10	SCH-CELL1-FD-6	Total Recoverable	Water	3005A	
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals

Analysis Batch: 877192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total Recoverable	Water	6020B	877017
680-262185-2	SCH-GWC-7	Total Recoverable	Water	6020B	877017
680-262185-3	SCH-GWC-8A	Total Recoverable	Water	6020B	877017
680-262185-4	SCH-GWC-9	Total Recoverable	Water	6020B	877017
680-262185-5	SCH-GWC-10	Total Recoverable	Water	6020B	877017
680-262185-6	SCH-GWC-11	Total Recoverable	Water	6020B	877017
680-262185-7	SCH-GWC-12	Total Recoverable	Water	6020B	877017
680-262185-8	SCH-GWC-13	Total Recoverable	Water	6020B	877017
680-262185-9	SCH-CELL1-FD-5	Total Recoverable	Water	6020B	877017
680-262185-10	SCH-CELL1-FD-6	Total Recoverable	Water	6020B	877017
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	6020B	877017
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877017

Prep Batch: 877714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-6	SCH-GWC-11	Total/NA	Water	7470A	
680-262185-7	SCH-GWC-12	Total/NA	Water	7470A	
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	7470A	
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-6	SCH-GWC-11	Total/NA	Water	7470A	877714
680-262185-7	SCH-GWC-12	Total/NA	Water	7470A	877714
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	7470A	877714
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	877714
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	877714
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	877714
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877714

Prep Batch: 878032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	7470A	
680-262185-2	SCH-GWC-7	Total/NA	Water	7470A	
680-262185-3	SCH-GWC-8A	Total/NA	Water	7470A	
680-262185-4	SCH-GWC-9	Total/NA	Water	7470A	
680-262185-5	SCH-GWC-10	Total/NA	Water	7470A	
680-262185-8	SCH-GWC-13	Total/NA	Water	7470A	
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	7470A	
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	7470A	878032
680-262185-2	SCH-GWC-7	Total/NA	Water	7470A	878032

Metals (Continued)

Analysis Batch: 878134 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-3	SCH-GWC-8A	Total/NA	Water	7470A	878032
680-262185-4	SCH-GWC-9	Total/NA	Water	7470A	878032
680-262185-5	SCH-GWC-10	Total/NA	Water	7470A	878032
680-262185-8	SCH-GWC-13	Total/NA	Water	7470A	878032
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	7470A	878032
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	878032
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	878032
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	878032
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878032

General Chemistry

Analysis Batch: 877283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	2320B-2011	
680-262185-2	SCH-GWC-7	Total/NA	Water	2320B-2011	
680-262185-3	SCH-GWC-8A	Total/NA	Water	2320B-2011	
680-262185-4	SCH-GWC-9	Total/NA	Water	2320B-2011	
680-262185-5	SCH-GWC-10	Total/NA	Water	2320B-2011	
680-262185-7	SCH-GWC-12	Total/NA	Water	2320B-2011	
680-262185-8	SCH-GWC-13	Total/NA	Water	2320B-2011	
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	2320B-2011	
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	2320B-2011	
MB 680-877283/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877283/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877283/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262184-D-2 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-6	SCH-GWC-11	Total/NA	Water	2320B-2011	
MB 680-877284/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877284/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877284/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262185-6 DU	SCH-GWC-11	Total/NA	Water	2320B-2011	

Analysis Batch: 877293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	2540C-2011	
MB 680-877293/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877293/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877293/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262130-C-19 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 877296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-2	SCH-GWC-7	Total/NA	Water	2540C-2011	
680-262185-3	SCH-GWC-8A	Total/NA	Water	2540C-2011	
680-262185-4	SCH-GWC-9	Total/NA	Water	2540C-2011	
680-262185-5	SCH-GWC-10	Total/NA	Water	2540C-2011	
680-262185-6	SCH-GWC-11	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 877296 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-7	SCH-GWC-12	Total/NA	Water	2540C-2011	
680-262185-8	SCH-GWC-13	Total/NA	Water	2540C-2011	
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	2540C-2011	
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	2540C-2011	
MB 680-877296/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877296/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877296/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262185-3 DU	SCH-GWC-8A	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-262185-1

Date Collected: 02/24/25 15:41

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 14:21	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:44	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:52	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:08	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-262185-2

Date Collected: 02/24/25 11:31

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 14:51	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:56	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 10:08	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:18	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-262185-3

Date Collected: 02/24/25 12:50

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 15:20	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:46	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:59	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-262185-3

Date Collected: 02/24/25 12:50

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 21:49	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-262185-4

Date Collected: 02/24/25 13:40

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	877639	03/04/25 10:01	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:50	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 10:03	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 21:59	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-262185-5

Date Collected: 02/24/25 12:01

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 15:40	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:42	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 10:06	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 23:01	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-262185-6

Date Collected: 02/24/25 13:50

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 15:49	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:40	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:44	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 01:09	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-262185-7

Date Collected: 02/24/25 14:36

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 15:59	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:34	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:49	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:52	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-262185-8

Date Collected: 02/24/25 15:23

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 16:09	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:48	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:54	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-262185-8

Date Collected: 02/24/25 15:23

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:44	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-262185-9

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 16:19	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:36	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:56	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:27	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 680-262185-10

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877640	03/04/25 18:42	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:38	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:46	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:36	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877296	02/27/25 20:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262185-1
Project/Site: CCR - Plant Scherer Cell 1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-GWC-6	2/24/25	15:41	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-7	2/24/25	11:31	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-8A	2/24/25	12:50	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-9	2/24/25	13:40	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-10	2/24/25	12:01	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-11	2/24/25	13:50	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-12	2/24/25	14:36	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-13	2/24/25	15:23	G	WG	N	N	X	X	X	X	X	4
SCH-CELL1-FD-5	2/24/25	-	G	WG	N	N	X	X	X	X	X	4
SCH-CELL1-FD-6	2/24/25	-	G	WG	N	N	X	X	X	X	X	4

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if sa
☐ Return To Client ☐ Disposal By La

680-262185 Chain of Custody

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN /	2/25/2025 830	WSP	Miranda Lucear	2/25/2025 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				2-25-25 1130	M
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.0/2.0 1.1/1.1 1.5/1.5

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262185-1

Login Number: 262185

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B

Analytical Results
April 2025

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 5/1/2025 4:53:57 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Cell 1 Resample

JOB NUMBER

680-263740-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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5/1/2025 4:53:57 PM
Revision 1

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1 Resample

Job ID: 680-263740-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-263740-1	SCH-GWC-3	Water	04/23/25 09:55	04/26/25 11:00
680-263740-2	SCH-GWC-4	Water	04/22/25 14:25	04/26/25 11:00
680-263740-3	SCH-GWC-6	Water	04/22/25 13:52	04/26/25 11:00
680-263740-4	SCH-GWC-19	Water	04/22/25 15:33	04/26/25 11:00
680-263740-5	SCH-CELL1-FD-1	Water	04/22/25 00:00	04/26/25 11:00
680-263740-6	SCH-CELL1-FB-1	Water	04/22/25 14:35	04/26/25 11:00
680-263740-7	SCH-CELL1-EB-1	Water	04/22/25 14:40	04/26/25 11:00

Job ID: 680-263740-1 — Eurofins Savannah

Job Narrative
680-263740-1

Revision 1
The report being provided is a revision of the original report sent on 4/30/2025. The report (revision 1) is being revised in order to report Sulfate for the first sample in this submittal, as requested on the Chain of Custody (COC), instead of Chloride.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 4/26/2025 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-881561 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-4 (680-263740-2) and SCH-CELL1-FD-1 (680-263740-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Client Sample ID: SCH-GWC-3
Lab Sample ID: 680-263740-1
Date Collected: 04/23/25 09:55
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	18		1.0	0.40	mg/L			04/29/25 14:12	1

Client Sample ID: SCH-GWC-4
Lab Sample ID: 680-263740-2
Date Collected: 04/22/25 14:25
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45	F1	10	2.0	mg/L			04/29/25 16:23	10
Sulfate	180		2.0	0.80	mg/L			04/29/25 14:37	2

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.19		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:10	1
Calcium	60		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:10	1
Selenium	0.0091	B	0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	470		40	40	mg/L			04/29/25 10:34	1

Client Sample ID: SCH-GWC-6
Lab Sample ID: 680-263740-3
Date Collected: 04/22/25 13:52
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	38		1.0	0.40	mg/L			04/29/25 14:45	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.065		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:16	1
Calcium	21		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:16	1

Client Sample ID: SCH-GWC-19
Lab Sample ID: 680-263740-4
Date Collected: 04/22/25 15:33
Matrix: Water
Date Received: 04/26/25 11:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	20		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:12	1

Client Sample ID: SCH-CELL1-FD-1
Lab Sample ID: 680-263740-5
Date Collected: 04/22/25 00:00
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48		5.0	1.0	mg/L			04/29/25 14:53	5
Sulfate	200		5.0	2.0	mg/L			04/29/25 14:53	5

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Client Sample ID: SCH-CELL1-FD-1
Lab Sample ID: 680-263740-5
Date Collected: 04/22/25 00:00
Matrix: Water
Date Received: 04/26/25 11:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.19		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:14	1
Calcium	60		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:14	1
Selenium	0.0081	B	0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 14:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	480		40	40	mg/L			04/29/25 10:34	1

Client Sample ID: SCH-CELL1-FB-1
Lab Sample ID: 680-263740-6
Date Collected: 04/22/25 14:35
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			04/29/25 15:01	1
Sulfate	<0.40		1.0	0.40	mg/L			04/29/25 15:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00089		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:02	1
Calcium	<0.14		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:02	1
Selenium	<0.00099		0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 14:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			04/29/25 10:34	1

Client Sample ID: SCH-CELL1-EB-1
Lab Sample ID: 680-263740-7
Date Collected: 04/22/25 14:40
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			04/29/25 15:09	1
Sulfate	<0.40		1.0	0.40	mg/L			04/29/25 15:09	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00089		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:08	1
Calcium	<0.14		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:08	1
Selenium	<0.00099		0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			04/29/25 10:34	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-881561/2
Matrix: Water
Analysis Batch: 881561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			04/29/25 09:17	1
Sulfate	<0.40		1.0	0.40	mg/L			04/29/25 09:17	1

Lab Sample ID: LCS 680-881561/3
Matrix: Water
Analysis Batch: 881561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.8		mg/L		108	90 - 110		
Sulfate			10.0	10.2		mg/L		102	90 - 110		

Lab Sample ID: LCSD 680-881561/4
Matrix: Water
Analysis Batch: 881561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.8		mg/L		108	90 - 110	0	15
Sulfate			10.0	10.1		mg/L		101	90 - 110	1	15

Lab Sample ID: 680-263740-1 MS
Matrix: Water
Analysis Batch: 881561

Client Sample ID: SCH-GWC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3.7	F1	10.0	15.8	F1	mg/L		121	80 - 120		
Sulfate	18		10.0	29.8		mg/L		115	80 - 120		

Lab Sample ID: 680-263740-1 MSD
Matrix: Water
Analysis Batch: 881561

Client Sample ID: SCH-GWC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.7	F1	10.0	15.8	F1	mg/L		121	80 - 120	0	15
Sulfate	18		10.0	29.5		mg/L		112	80 - 120	1	15

Lab Sample ID: 680-263740-2 MS
Matrix: Water
Analysis Batch: 881561

Client Sample ID: SCH-GWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	45	F1	100	170	F1	mg/L		125	80 - 120		
Sulfate	200		100	313		mg/L		118	80 - 120		

Lab Sample ID: 680-263740-2 MSD
Matrix: Water
Analysis Batch: 881561

Client Sample ID: SCH-GWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	45	F1	100	165		mg/L		120	80 - 120	3	15
Sulfate	200		100	309		mg/L		113	80 - 120	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-881542/1-A
Matrix: Water
Analysis Batch: 881613

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 881542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00089		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 13:58	1
Selenium	0.00218	J	0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 13:58	1
Calcium	<0.14		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 13:58	1

Lab Sample ID: LCS 680-881542/2-A
Matrix: Water
Analysis Batch: 881613

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 881542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.103		mg/L		103	80 - 120
Selenium	0.100	0.0989		mg/L		99	80 - 120
Calcium	5.00	5.21		mg/L		104	80 - 120

Lab Sample ID: 680-263740-6 MS
Matrix: Water
Analysis Batch: 881613

Client Sample ID: SCH-CELL1-FB-1
Prep Type: Total Recoverable
Prep Batch: 881542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	<0.00089		0.100	0.110		mg/L		110	75 - 125
Selenium	<0.00099		0.100	0.109		mg/L		109	75 - 125
Calcium	<0.14		5.00	5.21		mg/L		104	75 - 125

Lab Sample ID: 680-263740-6 MSD
Matrix: Water
Analysis Batch: 881613

Client Sample ID: SCH-CELL1-FB-1
Prep Type: Total Recoverable
Prep Batch: 881542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	<0.00089		0.100	0.106		mg/L		106	75 - 125	3	20
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125	4	20
Calcium	<0.14		5.00	5.08		mg/L		102	75 - 125	3	20

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-881566/1
Matrix: Water
Analysis Batch: 881566

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			04/29/25 10:34	1

Lab Sample ID: LCS 680-881566/2
Matrix: Water
Analysis Batch: 881566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2430		mg/L		100	80 - 120

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-881566/3
Matrix: Water
Analysis Batch: 881566

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2400		mg/L		99	80 - 120	1	25

Lab Sample ID: 680-263740-5 DU
Matrix: Water
Analysis Batch: 881566

Client Sample ID: SCH-CELL1-FD-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	480			488		mg/L				2	5

HPLC/IC

Analysis Batch: 881561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263740-1	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-263740-2	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
680-263740-2	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
680-263740-3	SCH-GWC-6	Total/NA	Water	300.0-1993 R2.1	
680-263740-5	SCH-CELL1-FD-1	Total/NA	Water	300.0-1993 R2.1	
680-263740-6	SCH-CELL1-FB-1	Total/NA	Water	300.0-1993 R2.1	
680-263740-7	SCH-CELL1-EB-1	Total/NA	Water	300.0-1993 R2.1	
MB 680-881561/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-881561/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-881561/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-263740-1 MS	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-263740-1 MSD	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-263740-2 MS	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
680-263740-2 MSD	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 881542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263740-2	SCH-GWC-4	Total Recoverable	Water	3005A	
680-263740-3	SCH-GWC-6	Total Recoverable	Water	3005A	
680-263740-4	SCH-GWC-19	Total Recoverable	Water	3005A	
680-263740-5	SCH-CELL1-FD-1	Total Recoverable	Water	3005A	
680-263740-6	SCH-CELL1-FB-1	Total Recoverable	Water	3005A	
680-263740-7	SCH-CELL1-EB-1	Total Recoverable	Water	3005A	
MB 680-881542/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-881542/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-263740-6 MS	SCH-CELL1-FB-1	Total Recoverable	Water	3005A	
680-263740-6 MSD	SCH-CELL1-FB-1	Total Recoverable	Water	3005A	

Analysis Batch: 881613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263740-2	SCH-GWC-4	Total Recoverable	Water	6020B	881542
680-263740-3	SCH-GWC-6	Total Recoverable	Water	6020B	881542
680-263740-4	SCH-GWC-19	Total Recoverable	Water	6020B	881542
680-263740-5	SCH-CELL1-FD-1	Total Recoverable	Water	6020B	881542
680-263740-6	SCH-CELL1-FB-1	Total Recoverable	Water	6020B	881542
680-263740-7	SCH-CELL1-EB-1	Total Recoverable	Water	6020B	881542
MB 680-881542/1-A	Method Blank	Total Recoverable	Water	6020B	881542
LCS 680-881542/2-A	Lab Control Sample	Total Recoverable	Water	6020B	881542
680-263740-6 MS	SCH-CELL1-FB-1	Total Recoverable	Water	6020B	881542
680-263740-6 MSD	SCH-CELL1-FB-1	Total Recoverable	Water	6020B	881542

General Chemistry

Analysis Batch: 881566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263740-2	SCH-GWC-4	Total/NA	Water	2540C-2011	
680-263740-5	SCH-CELL1-FD-1	Total/NA	Water	2540C-2011	
680-263740-6	SCH-CELL1-FB-1	Total/NA	Water	2540C-2011	
680-263740-7	SCH-CELL1-EB-1	Total/NA	Water	2540C-2011	
MB 680-881566/1	Method Blank	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 881566 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-881566/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-881566/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-263740-5 DU	SCH-CELL1-FD-1	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Client Sample ID: SCH-GWC-3
Lab Sample ID: 680-263740-1
Date Collected: 04/23/25 09:55
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	881561	04/29/25 14:12	AF	EET SAV
	Instrument ID: CICR									

Client Sample ID: SCH-GWC-4
Lab Sample ID: 680-263740-2
Date Collected: 04/22/25 14:25
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	881561	04/29/25 14:37	AF	EET SAV
	Instrument ID: CICR									
Total/NA	Analysis	300.0-1993 R2.1		10	2 mL	2 mL	881561	04/29/25 16:23	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:10	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	881566	04/29/25 10:34	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-6
Lab Sample ID: 680-263740-3
Date Collected: 04/22/25 13:52
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	881561	04/29/25 14:45	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:16	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SCH-GWC-19
Lab Sample ID: 680-263740-4
Date Collected: 04/22/25 15:33
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:12	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SCH-CELL1-FD-1
Lab Sample ID: 680-263740-5
Date Collected: 04/22/25 00:00
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	881561	04/29/25 14:53	AF	EET SAV
	Instrument ID: CICR									

Lab Chronicle

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Client Sample ID: SCH-CELL1-FD-1
Lab Sample ID: 680-263740-5
Date Collected: 04/22/25 00:00
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:14	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	881566	04/29/25 10:34	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FB-1
Lab Sample ID: 680-263740-6
Date Collected: 04/22/25 14:35
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	881561	04/29/25 15:01	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:02	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	881566	04/29/25 10:34	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-EB-1
Lab Sample ID: 680-263740-7
Date Collected: 04/22/25 14:40
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	881561	04/29/25 15:09	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:08	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	881566	04/29/25 10:34	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1 Resample	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1R1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300-Chloride	300-Sulfate	SM-2540C_TDS	6020B - Barium	6020B - Calcium	6020B - Selenium	Total Number of containers
			Preservation Code:				N	N	N	D	D	D	
SCH-GWC-3	4/23/25	9:55	G	WG	N	N		X					
SCH-GWC-4	4/22/25	14:25	G	WG	N	N	X	X	X	X	X	X	
SCH-GWC-6	4/22/25	13:52	G	WG	N	N		X		X	X		
SCH-GWC-19	4/22/25	15:33	G	WG	N	N					X		
SCH-CELL1-FD-1	4/22/25	--	G	WG	N	N	X	X	X	X	X	X	
SCH-CELL1-FB-1	4/22/25	14:35	G	WQ	N	N	X	X	X	X	X	X	
SCH-CELL1-EB-1	4/22/25	14:40	G	WQ	N	N	X	X	X	X	X	X	

680-263740 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	J. Stucky Emb Client	4/23/25 1346	WSP		4.23.25 1346	
2		4-25-24 1213	Eurofins		4/28/25 1100	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.9/2.9

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-263740-1

Login Number: 263740
List Number: 1
Creator: Johnson, Corey M

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B

Analytical Results July-August 2025

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/14/2025 5:46:41 PM

JOB DESCRIPTION

Plant Scherer - Cell 1

JOB NUMBER

705-38046-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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8/14/2025 5:46:41 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38046-1	SCH-GWA-15	Water	07/24/25 10:45	07/28/25 15:31	Georgia
705-38046-2	SCH-CELL1-FD-6	Water	07/24/25 00:00	07/28/25 15:31	Georgia
705-38046-3	SCH-GWC-4	Water	07/24/25 12:23	07/28/25 15:31	Georgia
705-38046-4	SCH-GWA-16	Water	07/24/25 13:14	07/28/25 15:31	Georgia
705-38046-5	SCH-GWC-7	Water	07/24/25 14:46	07/28/25 15:31	Georgia
705-38046-6	SCH-GWA-17	Water	07/24/25 14:51	07/28/25 15:31	Georgia
705-38046-7	SCH-GWC-3	Water	07/25/25 09:24	07/28/25 15:31	Georgia
705-38046-8	SCH-CELL1-FD-5	Water	07/25/25 00:00	07/28/25 15:31	Georgia
705-38046-9	SCH-GWC-5	Water	07/25/25 10:35	07/28/25 15:31	Georgia
705-38046-10	SCH-CELL1-FB-5	Water	07/25/25 11:05	07/28/25 15:31	Georgia
705-38046-11	SCH-GWC-1	Water	07/25/25 09:36	07/28/25 15:31	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Juju Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: GPC Plant Scherer - Cell 1	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	
SCH-GWA-15	7/24/25	10:45	G	WG			X	X	X	X	X	X	3
SCH-CELL1-FD-6	7/24/25	-	G	WG			X	X	X	X	X	X	3
SCH-GWC-4	7/24/25	12:23	G	WG			X	X	X	X	X	X	3
SCH-GWA-16	7/24/25	13:14	G	WG			X	X	X	X	X	X	3
SCH-GWC-7	7/24/25	14:46	G	WG			X	X	X	X	X	X	3
SCH-GWA-17	7/24/25	14:51	G	WG			X	X	X	X	X	X	3
SCH-GWC-3	7/25/25	9:24	G	WG			X	X	X	X	X	X	3
SCH-CELL1-FD-5	7/25/25	-	G	WG			X	X	X	X	X	X	3
SCH-GWC-5	7/25/25	10:35	G	WG			X	X	X	X	X	X	3
SCH-CELL1-FB-5	7/25/25	11:05	G	WQ			X	X	X	X	X	X	3
SCH-GWC-1	7/25/25	9:36	G	WG			X	X	X	X	X	X	3

Preservation Codes:
D - HNO3
N - None

705-38046 COC

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level II data report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	7/25/25 1309	WSP	Yolanda Lucear	7-25-25 / 1:10pm	CNOW
				07/25/25 1531	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1/3.1 2.4/2.4

Ver: 01/16/2019

8/14/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38046-1

Login Number: 38046
List Number: 1
Creator: Hartley, Tyler

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Job ID: 705-38046-1
Project/Site: Plant Scherer - Cell 1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38046-1 — Eurofins Atlanta

Job Narrative
705-38046-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/28/2025 3:31 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.4°C and 3.1°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 and analytical batch 705-73109 contained Barium, Calcium, Nickel and Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 contained Zinc above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 and analytical batch 705-73875 contained Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWA-15 — Lab Sample ID: 705-38046-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.087	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	4.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0016	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	2.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00076	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.21	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00081	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	21		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	21		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	78		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL1-FD-6 — Lab Sample ID: 705-38046-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.095	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	4.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0015	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	2.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00072	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.25	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	22		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	22		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	78		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-4 — Lab Sample ID: 705-38046-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	48		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	200		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.034	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	59		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.19		0.010	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-GWC-4 (Continued) — Lab Sample ID: 705-38046-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	36		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0022	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	2.4	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0090		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	18		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0043	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	50		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	50		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	590		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-16 — Lab Sample ID: 705-38046-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.032		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0082		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	4.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.90	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0079		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	76		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	76		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	180		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-7 — Lab Sample ID: 705-38046-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	6.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.048		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.023		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	9.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.2	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.0		0.50	0.25	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-7 (Continued) — Lab Sample ID: 705-38046-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.011		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	230		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-17 — Lab Sample ID: 705-38046-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.93	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	7.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0085		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	3.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00059	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.0	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.6		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0058		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-3 — Lab Sample ID: 705-38046-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.092	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	16		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	10		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.022		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.019		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0015	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.71	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0055		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	45		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	45		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-CELL1-FD-5 — Lab Sample ID: 705-38046-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	17		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	10		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.022		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.019		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0015	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.76	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0054		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	47		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	47		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-5 — Lab Sample ID: 705-38046-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	73		5.0	3.8	mg/L	5		300.0	Total/NA
Boron	0.11		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	24		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.036		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0057		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	13		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00048	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.88	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0026	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	240		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL1-FB-5 — Lab Sample ID: 705-38046-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	1.5		1.0	0.77	mg/L	1		300.0	Total/NA
Total Dissolved Solids	10		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 705-38046-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.051		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.013		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	8.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.78	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.017		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 705-38046-1

Date Collected: 07/24/25 10:45

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.0**		1.0	0.98	mg/L			07/30/25 03:50	1
Fluoride	**0.087**	**J**	0.20	0.081	mg/L			07/30/25 03:50	1
Sulfate	**3.2**		1.0	0.77	mg/L			07/30/25 03:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:29	1
Calcium	**4.4**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:29	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:24	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:24	1
Barium	**0.013**		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:24	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:24	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:24	1
Cobalt	**0.0016**	**J**	0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:24	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:24	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:24	1
Magnesium	**2.2**		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:24	1
Nickel	**0.00076**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:24	1
Potassium	**0.21**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:17	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:24	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:24	1
Sodium	**5.1**		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:24	1
Thallium	**0.00081**	**J**	0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:24	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:24	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**21**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**21**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**78**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 705-38046-2

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.4**		1.0	0.98	mg/L			07/30/25 04:01	1

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 705-38046-2

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.095**	**J**	0.20	0.081	mg/L			07/30/25 04:01	1
Sulfate	**3.3**		1.0	0.77	mg/L			07/30/25 04:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:32	1
Calcium	**4.4**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:32	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:41	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:41	1
Barium	**0.013**		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:41	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:41	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:41	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:41	1
Cobalt	**0.0015**	**J**	0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:41	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:41	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:41	1
Magnesium	**2.1**		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:41	1
Nickel	**0.00072**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:41	1
Potassium	**0.25**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:27	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:41	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:41	1
Sodium	**5.1**		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:41	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:41	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:41	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/10/25 20:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**22**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**22**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**78**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 705-38046-3

Date Collected: 07/24/25 12:23

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48**		1.0	0.98	mg/L			07/30/25 04:12	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			07/30/25 04:12	1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 705-38046-3

Date Collected: 07/24/25 12:23

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**200**		10	7.7	mg/L			07/30/25 14:55	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.034**	**J**	0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:35	1
Calcium	**59**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:35	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:44	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:44	1
Barium	**0.19**		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:44	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:44	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:44	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:44	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:44	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:44	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:44	1
Magnesium	**36**		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:44	1
Nickel	**0.0022**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:44	1
Potassium	**2.4**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/06/25 23:44	1
Selenium	**0.0090**		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:44	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:44	1
Sodium	**18**		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:44	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:44	1
Vanadium	**0.0043**	**J**	0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:44	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**50**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**50**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**590**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 705-38046-4

Date Collected: 07/24/25 13:14

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.1**		1.0	0.98	mg/L			07/30/25 04:24	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			07/30/25 04:24	1
Sulfate	**1.2**		1.0	0.77	mg/L			07/30/25 04:24	1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 705-38046-4

Date Collected: 07/24/25 13:14

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:38	1
Calcium	**14**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:38	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:48	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:48	1
Barium	**0.032**		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:48	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:48	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:48	1
Chromium	**0.0082**		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:48	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:48	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:48	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:48	1
Magnesium	**4.9**		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:48	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:48	1
Potassium	**0.90**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:31	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:48	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:48	1
Sodium	**9.2**		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:48	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:48	1
Vanadium	**0.0079**		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:48	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**76**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**76**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**180**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 705-38046-5

Date Collected: 07/24/25 14:46

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.5**		1.0	0.98	mg/L			07/30/25 04:35	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/30/25 04:35	1
Sulfate	**6.4**		1.0	0.77	mg/L			07/30/25 04:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:31	1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 705-38046-5

Date Collected: 07/24/25 14:46

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**18**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:31	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:11	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:11	1
Barium	**0.048**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:11	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:11	1
Chromium	**0.023**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:11	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:11	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:11	1
Magnesium	**9.3**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:11	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:11	1
Potassium	**1.2**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/07/25 00:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:11	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:11	1
Sodium	**9.0**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:11	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:11	1
Vanadium	**0.011**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:11	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**230**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-GWA-17

Lab Sample ID: 705-38046-6

Date Collected: 07/24/25 14:51

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.4**		1.0	0.98	mg/L			07/30/25 12:37	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/30/25 12:37	1
Sulfate	**0.93**	**J**	1.0	0.77	mg/L			07/30/25 12:37	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:34	1
Calcium	**7.4**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:34	1

Client Sample ID: SCH-GWA-17

Lab Sample ID: 705-38046-6

Date Collected: 07/24/25 14:51

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:15	1
Barium	**0.031**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:15	1
Chromium	**0.0085**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:15	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:15	1
Magnesium	**3.0**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:15	1
Nickel	**0.00059**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:15	1
Potassium	**1.0**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/07/25 00:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:15	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:15	1
Sodium	**8.6**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:15	1
Vanadium	**0.0058**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:15	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**52**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**52**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 705-38046-7

Date Collected: 07/25/25 09:24

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**		1.0	0.98	mg/L			07/30/25 13:12	1
Fluoride	**0.092**	**J**	0.20	0.081	mg/L			07/30/25 13:12	1
Sulfate	**16**		1.0	0.77	mg/L			07/30/25 13:12	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:37	1
Calcium	**10**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:37	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:18	1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 705-38046-7

Date Collected: 07/25/25 09:24

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:18	1
Barium	**0.022**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:18	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:18	1
Chromium	**0.019**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:18	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:18	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:18	1
Magnesium	**6.1**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:18	1
Nickel	**0.0015**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:18	1
Potassium	**0.71**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:34	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:18	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:18	1
Sodium	**6.2**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:18	1
Vanadium	**0.0055**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:18	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**45**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**45**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 705-38046-8

Date Collected: 07/25/25 00:00

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.6**		1.0	0.98	mg/L			07/30/25 13:23	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/30/25 13:23	1
Sulfate	**17**		1.0	0.77	mg/L			07/30/25 13:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:40	1
Calcium	**10**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:40	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:22	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:22	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 705-38046-8

Date Collected: 07/25/25 00:00

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.022**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:22	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:22	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:22	1
Chromium	**0.019**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:22	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:22	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:22	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:22	1
Magnesium	**6.1**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:22	1
Nickel	**0.0015**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:22	1
Potassium	**0.76**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:22	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:22	1
Sodium	**6.1**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:22	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:22	1
Vanadium	**0.0054**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:22	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**47**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**47**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 705-38046-9

Date Collected: 07/25/25 10:35

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.5**		1.0	0.98	mg/L			07/30/25 16:08	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			07/30/25 16:08	1
Sulfate	**73**		5.0	3.8	mg/L			07/30/25 18:56	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.11**		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:43	1
Calcium	**24**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:43	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:25	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:25	1
Barium	**0.036**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:25	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 705-38046-9

Date Collected: 07/25/25 10:35

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:25	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:25	1
Chromium	**0.0057**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:25	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:25	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:25	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:25	1
Magnesium	**13**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:25	1
Nickel	**0.00048**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:25	1
Potassium	**0.88**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:41	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:25	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:25	1
Sodium	**11**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:25	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:25	1
Vanadium	**0.0026**	**J**	0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:25	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**240**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 705-38046-10

Date Collected: 07/25/25 11:05

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 16:20	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 16:20	1
Sulfate	**1.5**		1.0	0.77	mg/L			07/30/25 16:20	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:46	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:46	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:28	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:28	1
Barium	<0.00041		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:28	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:28	1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 705-38046-10

Date Collected: 07/25/25 11:05

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:28	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:28	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:28	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:28	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:28	1
Magnesium	<0.016		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:28	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:28	1
Potassium	<0.044		0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:44	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:28	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:28	1
Sodium	<0.25		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:28	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:28	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**10**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 705-38046-11

Date Collected: 07/25/25 09:36

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.4**		1.0	0.98	mg/L			07/30/25 13:34	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/30/25 13:34	1
Sulfate	**1.0**		1.0	0.77	mg/L			07/30/25 13:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:54	1
Calcium	**17**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:54	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:32	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:32	1
Barium	**0.051**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:32	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:32	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:32	1

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-1

Date Collected: 07/25/25 09:36
Date Received: 07/28/25 15:31

Lab Sample ID: 705-38046-11

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.013**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:32	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:32	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:32	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:32	1
Magnesium	**8.8**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:32	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:32	1
Potassium	**0.78**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 21:08	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:32	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:32	1
Sodium	**9.3**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:32	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:32	1
Vanadium	**0.017**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:32	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 15:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**210**		10	10	mg/L			07/30/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 705-38046-1

Date Collected: 07/24/25 10:45
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 03:50
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:29
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/06/25 23:24
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:17
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:23
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 705-38046-2

Date Collected: 07/24/25 00:00
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 04:01
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:32
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/06/25 23:41
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:27
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:35
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-GWC-4

Lab Sample ID: 705-38046-3

Date Collected: 07/24/25 12:23
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 04:12
Total/NA	Analysis	300.0		10	71283	MS	EET ATL	07/30/25 14:55
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:35
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/06/25 23:44
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:39
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 705-38046-4

Date Collected: 07/24/25 13:14
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 04:24
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:38
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/06/25 23:48
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:31
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:43
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-GWC-7

Lab Sample ID: 705-38046-5

Date Collected: 07/24/25 14:46
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 04:35
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:31
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:11
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:47
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-GWA-17

Lab Sample ID: 705-38046-6

Date Collected: 07/24/25 14:51
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 12:37
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:34
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:15
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:51
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 705-38046-7

Date Collected: 07/25/25 09:24
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 13:12
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:37
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:18
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:34
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:55
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 705-38046-8

Date Collected: 07/25/25 00:00
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 13:23
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:40
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:22
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:38
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:59
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-GWC-5

Lab Sample ID: 705-38046-9

Date Collected: 07/25/25 10:35
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 16:08
Total/NA	Analysis	300.0		5	71283	MS	EET ATL	07/30/25 18:56
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:43
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:25
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:41
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 15:02

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 705-38046-9

Date Collected: 07/25/25 10:35

Matrix: Water

Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 705-38046-10

Date Collected: 07/25/25 11:05

Matrix: Water

Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 16:20
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:46
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:28
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:44
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 15:06
Total/NA	Analysis	2320B-2011		1	72461	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-GWC-1

Lab Sample ID: 705-38046-11

Date Collected: 07/25/25 09:36

Matrix: Water

Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 13:34
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:54
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:32
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 21:08
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 15:10
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71033/118
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 01:10	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 01:10	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 01:10	1

Lab Sample ID: LCS 705-71033/119
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.8		mg/L		108	90 - 110		
Fluoride			5.00	5.30		mg/L		106	90 - 110		
Sulfate			25.0	27.5		mg/L		110	90 - 110		

Lab Sample ID: 705-38043-E-2 MS
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.0		10.0	12.5		mg/L		105	90 - 110		
Fluoride	0.17	J	5.00	5.39		mg/L		105	90 - 110		
Sulfate	3.5		25.0	30.4		mg/L		108	90 - 110		

Lab Sample ID: 705-38043-E-2 MSD
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0		10.0	12.4		mg/L		104	90 - 110	0	20
Fluoride	0.17	J	5.00	5.39		mg/L		104	90 - 110	0	20
Sulfate	3.5		25.0	29.8		mg/L		105	90 - 110	2	20

Lab Sample ID: MB 705-71283/1002
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 12:14	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 12:14	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 12:14	1

Lab Sample ID: LCS 705-71283/1001
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.7		mg/L		107	90 - 110		
Fluoride			5.00	5.26		mg/L		105	90 - 110		
Sulfate			25.0	27.4		mg/L		110	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-38046-6 MS
Matrix: Water
Analysis Batch: 71283

Client Sample ID: SCH-GWA-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	12.4		mg/L		101	90 - 110
Fluoride	0.11	J	5.00	5.28		mg/L		103	90 - 110
Sulfate	0.93	J	25.0	27.7		mg/L		107	90 - 110

Lab Sample ID: 705-38046-6 MSD
Matrix: Water
Analysis Batch: 71283

Client Sample ID: SCH-GWA-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	12.5		mg/L		101	90 - 110	0	20
Fluoride	0.11	J	5.00	5.39		mg/L		106	90 - 110	2	20
Sulfate	0.93	J	25.0	28.0		mg/L		108	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-72767/1-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 15:48	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 15:48	1

Lab Sample ID: LCS 705-72767/2-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.00		mg/L		100	80 - 120
Calcium	10.0	10.2		mg/L		102	80 - 120

Lab Sample ID: 705-38041-D-2-C MS
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.01		mg/L		101	75 - 125
Calcium	2.4		10.0	12.7		mg/L		103	75 - 125

Lab Sample ID: 705-38041-D-2-D MSD
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.998		mg/L		100	75 - 125	1	20
Calcium	2.4		10.0	12.5		mg/L		101	75 - 125	2	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 705-72838/1-A
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 16:50	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 16:50	1

Lab Sample ID: LCS 705-72838/2-A
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.05		mg/L		105	80 - 120
Calcium	10.0	10.3		mg/L		103	80 - 120

Lab Sample ID: 752-35211-F-1-B MS
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.045	J	1.00	1.04		mg/L		100	75 - 125
Calcium	79		10.0	87.1		mg/L		84	75 - 125

Lab Sample ID: 752-35211-F-1-C MSD
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.045	J	1.00	1.06		mg/L		101	75 - 125	1	20
Calcium	79		10.0	87.2		mg/L		84	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-72359/1-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:18	1
Barium	<0.00041		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:18	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:18	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:18	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:18	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:18	1
Magnesium	<0.016		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:18	1
Nickel	0.000476	J	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:18	1
Potassium	0.0995	J	0.10	0.044	mg/L		08/04/25 16:35	08/06/25 23:18	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:18	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:18	1
Sodium	<0.25		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:18	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-72359/1-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:18	1
Zinc	0.0197		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:18	1

Lab Sample ID: LCS 705-72359/2-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.104		mg/L		104	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.100	0.101		mg/L		101	80 - 120
Cadmium	0.100	0.105		mg/L		105	80 - 120
Chromium	0.100	0.0955		mg/L		95	80 - 120
Cobalt	0.100	0.0953		mg/L		95	80 - 120
Copper	0.100	0.0952		mg/L		95	80 - 120
Lead	0.100	0.0982		mg/L		98	80 - 120
Magnesium	1.00	0.933		mg/L		93	80 - 120
Nickel	0.100	0.0939		mg/L		94	80 - 120
Potassium	1.00	0.980		mg/L		98	80 - 120
Selenium	0.100	0.0988		mg/L		99	80 - 120
Silver	0.0100	0.00993		mg/L		99	80 - 120
Sodium	1.00	0.912		mg/L		91	80 - 120
Thallium	0.100	0.0931		mg/L		93	80 - 120
Vanadium	0.100	0.0975		mg/L		97	80 - 120
Zinc	0.100	0.0987		mg/L		99	80 - 120

Lab Sample ID: 705-38046-1 MS
Matrix: Water
Analysis Batch: 73109

Client Sample ID: SCH-GWA-15
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.104		mg/L		104	75 - 125
Arsenic	<0.0013		0.100	0.0982		mg/L		98	75 - 125
Barium	0.013		0.100	0.121		mg/L		107	75 - 125
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125
Cadmium	<0.00024		0.100	0.104		mg/L		104	75 - 125
Chromium	<0.0037		0.100	0.0964		mg/L		96	75 - 125
Cobalt	0.0016	J	0.100	0.0963		mg/L		95	75 - 125
Copper	<0.00064		0.100	0.0935		mg/L		93	75 - 125
Lead	<0.00086		0.100	0.0965		mg/L		96	75 - 125
Magnesium	2.2		1.00	3.00		mg/L		83	75 - 125
Nickel	0.00076	J B	0.100	0.0944		mg/L		94	75 - 125
Potassium	0.27	B	1.00	1.22		mg/L		95	75 - 125
Selenium	<0.0023		0.100	0.0990		mg/L		99	75 - 125
Silver	<0.00017		0.0100	0.00988		mg/L		99	75 - 125
Sodium	5.1		1.00	5.81	4	mg/L		76	75 - 125
Thallium	0.00081	J	0.100	0.0911		mg/L		90	75 - 125
Vanadium	<0.0012		0.100	0.0982		mg/L		98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38046-1 MS
Matrix: Water
Analysis Batch: 73109

Client Sample ID: SCH-GWA-15
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	<0.0089		0.100	0.0996		mg/L		100	75 - 125

Lab Sample ID: 705-38046-1 MSD
Matrix: Water
Analysis Batch: 73109

Client Sample ID: SCH-GWA-15
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.107		mg/L		107	75 - 125	3	20
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125	3	20
Barium	0.013		0.100	0.120		mg/L		106	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0983		mg/L		98	75 - 125	2	20
Cadmium	<0.00024		0.100	0.100		mg/L		100	75 - 125	4	20
Chromium	<0.0037		0.100	0.0994		mg/L		99	75 - 125	3	20
Cobalt	0.0016	J	0.100	0.101		mg/L		99	75 - 125	4	20
Copper	<0.00064		0.100	0.0988		mg/L		99	75 - 125	6	20
Lead	<0.00086		0.100	0.102		mg/L		102	75 - 125	6	20
Magnesium	2.2		1.00	3.15		mg/L		98	75 - 125	5	20
Nickel	0.00076	J B	0.100	0.0991		mg/L		98	75 - 125	5	20
Potassium	0.27	B	1.00	1.26		mg/L		98	75 - 125	3	20
Selenium	<0.0023		0.100	0.102		mg/L		102	75 - 125	3	20
Silver	<0.00017		0.0100	0.0104		mg/L		104	75 - 125	5	20
Sodium	5.1		1.00	6.19	4	mg/L		113	75 - 125	6	20
Thallium	0.00081	J	0.100	0.0973		mg/L		97	75 - 125	7	20
Vanadium	<0.0012		0.100	0.101		mg/L		101	75 - 125	3	20
Zinc	<0.0089		0.100	0.0980		mg/L		98	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-73909/1-A
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:00	1

Lab Sample ID: LCS 705-73909/2-A
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00543		mg/L		109	80 - 120

Lab Sample ID: 705-38045-B-1-D MS
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00500	0.00549		mg/L		110	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-38045-B-1-E MSD
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00500	0.00541		mg/L		108	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-72366/1
Matrix: Water
Analysis Batch: 72366

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	125		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	125		mg/L		100	90 - 110

Lab Sample ID: 705-38046-1 DU
Matrix: Water
Analysis Batch: 72366

Client Sample ID: SCH-GWA-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	21		21.5		mg/L		3	30
Bicarbonate Alkalinity as CaCO3	21		21.5		mg/L		3	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71310/1
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/30/25 12:45	1

Lab Sample ID: LCS 705-71310/2
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1030		mg/L		103	80 - 120

Lab Sample ID: 705-38041-C-8 DU
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1300		1320		mg/L		0.5	10

Lab Sample ID: MB 705-71316/1
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/30/25 14:45	1

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCS 705-71316/2
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	956		mg/L		96	80 - 120		

Lab Sample ID: 705-38077-B-1 DU
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1300			1270		mg/L				3	10

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

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JOB DESCRIPTION

Plant Scherer - Cell 1

JOB NUMBER

705-38150-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
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Sample Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38150-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38150-1	SCH-GWC-18	Water	07/28/25 14:56	07/29/25 11:05	Georgia
705-38150-2	SCH-GWC-20	Water	07/28/25 13:06	07/29/25 11:05	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Sluky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: GPC Plant Scherer - Cell 1	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	
SCH-GWC-18	7/28/25	1456	G	WG			X	X	X	X	X	X	3
SCH-GWC-20	7/28/25	1307	G	WG			X	X	X	X	X	X	3

Preservation Codes:
D - HNO3
N - None

705-38150 COC

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II) III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	7/29/25 0825	WSP	MIKE GEMMILL	7/29/25 0825	Courier
MIKE GEMMILL	7/29/25 1100	CO OR NOW	[signature]	7.29.25 1105	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
	# 2665	1.0 1.3 2.5 2.0 C1 1.2 # 2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38150-1

Login Number: 38150

List Number: 1

Creator: Ceclu, Rodica

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Job ID: 705-38150-1
Project/Site: Plant Scherer - Cell 1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38150-1 — Eurofins Atlanta

Job Narrative
705-38150-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/29/2025 11:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-73388 contained Copper and Potassium above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-73388 and analytical batch 705-74189 contained Copper and Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 705-73388 and analytical batch 705-74189 recovered outside control limits for the following analytes: Boron. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 6020B - Total Recoverable: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 705-73388 and analytical batch 705-74196 recovered outside control limits for the following analytes: Boron. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38150-1

Client Sample ID: SCH-GWC-18 — Lab Sample ID: 705-38150-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	10		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.036		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.015		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.00097	J B	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	5.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.85	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0082		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	60		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	60		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	150		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-20 — Lab Sample ID: 705-38150-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.038		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0098		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	8.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00060	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.2	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.020		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Mercury	0.00059		0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	91		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	91		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38150-1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 705-38150-1

Date Collected: 07/28/25 14:56

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.8**		1.0	0.98	mg/L			07/31/25 00:05	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			07/31/25 00:05	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 00:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/11/25 13:28	08/12/25 11:09	1
Calcium	**10**		0.10	0.038	mg/L		08/11/25 13:28	08/12/25 11:09	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 11:47	08/11/25 21:30	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 11:47	08/11/25 21:30	1
Barium	**0.036**		0.010	0.00041	mg/L		08/08/25 11:47	08/11/25 21:30	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 11:47	08/11/25 21:30	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 11:47	08/11/25 21:30	1
Chromium	**0.015**		0.0050	0.0037	mg/L		08/08/25 11:47	08/11/25 21:30	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 11:47	08/11/25 21:30	1
Copper	**0.00097**	**J B**	0.0020	0.00064	mg/L		08/08/25 11:47	08/11/25 21:30	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 11:47	08/11/25 21:30	1
Magnesium	**5.8**		0.10	0.016	mg/L		08/08/25 11:47	08/11/25 21:30	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/08/25 11:47	08/11/25 21:30	1
Potassium	**0.85**	**B**	0.10	0.044	mg/L		08/08/25 11:47	08/11/25 21:30	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 11:47	08/11/25 21:30	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/08/25 11:47	08/11/25 21:30	1
Sodium	**8.5**		0.50	0.25	mg/L		08/08/25 11:47	08/11/25 21:30	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 11:47	08/11/25 21:30	1
Vanadium	**0.0082**		0.0050	0.0012	mg/L		08/08/25 11:47	08/11/25 21:30	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/08/25 11:47	08/11/25 21:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 14:28	08/12/25 18:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**60**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**60**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**150**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-GWC-20

Lab Sample ID: 705-38150-2

Date Collected: 07/28/25 13:06

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.6**		1.0	0.98	mg/L			07/31/25 00:16	1

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38150-1

Client Sample ID: SCH-GWC-20
Date Collected: 07/28/25 13:06
Date Received: 07/29/25 11:05

Lab Sample ID: 705-38150-2
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/31/25 00:16	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 00:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/11/25 13:28	08/12/25 11:12	1
Calcium	**18**		0.10	0.038	mg/L		08/11/25 13:28	08/12/25 11:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 11:47	08/11/25 21:28	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 11:47	08/11/25 21:28	1
Barium	**0.038**		0.010	0.00041	mg/L		08/08/25 11:47	08/11/25 21:28	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 11:47	08/11/25 21:28	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 11:47	08/11/25 21:28	1
Chromium	**0.0098**		0.0050	0.0037	mg/L		08/08/25 11:47	08/11/25 21:28	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 11:47	08/11/25 21:28	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/08/25 11:47	08/11/25 21:28	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 11:47	08/11/25 21:28	1
Magnesium	**8.8**		0.10	0.016	mg/L		08/08/25 11:47	08/11/25 21:28	1
Nickel	**0.00060**	**J**	0.0050	0.00042	mg/L		08/08/25 11:47	08/11/25 21:28	1
Potassium	**1.2**	**B**	0.10	0.044	mg/L		08/08/25 11:47	08/11/25 21:28	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 11:47	08/11/25 21:28	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/08/25 11:47	08/11/25 21:28	1
Sodium	**8.3**		0.50	0.25	mg/L		08/08/25 11:47	08/11/25 21:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 11:47	08/11/25 21:28	1
Vanadium	**0.020**		0.0050	0.0012	mg/L		08/08/25 11:47	08/11/25 21:28	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/08/25 11:47	08/11/25 21:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00059**		0.00020	0.00017	mg/L		08/12/25 14:28	08/12/25 18:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**91**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**91**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**190**		10	10	mg/L			07/30/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38150-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38150-1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 705-38150-1

Date Collected: 07/28/25 14:56
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 00:05
Total/NA	Prep	3010A			73995	SA	EET ATL	08/11/25 13:28
Total/NA	Analysis	6010D		1	74253	DS	EET ATL	08/12/25 11:09
Total Recoverable	Prep	3005A			73388	SA	EET ATL	08/08/25 11:47
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 21:30
Total/NA	Prep	7470A			74320	GR	EET ATL	08/12/25 14:28
Total/NA	Analysis	7470A		1	74442	GR	EET ATL	08/12/25 18:27
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-GWC-20

Lab Sample ID: 705-38150-2

Date Collected: 07/28/25 13:06
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 00:16
Total/NA	Prep	3010A			73995	SA	EET ATL	08/11/25 13:28
Total/NA	Analysis	6010D		1	74253	DS	EET ATL	08/12/25 11:12
Total Recoverable	Prep	3005A			73388	SA	EET ATL	08/08/25 11:47
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 21:28
Total/NA	Prep	7470A			74320	GR	EET ATL	08/12/25 14:28
Total/NA	Analysis	7470A		1	74442	GR	EET ATL	08/12/25 18:39
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71283/141
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 19:19	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 19:19	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 19:19	1

Lab Sample ID: LCS 705-71283/142
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Fluoride	5.00	5.20		mg/L		104	90 - 110
Sulfate	25.0	26.5		mg/L		106	90 - 110

Lab Sample ID: 705-38283-E-1 MS
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.2		10.0	15.2		mg/L		100	90 - 110
Fluoride	0.13	J	5.00	5.11		mg/L		100	90 - 110
Sulfate	3.8		25.0	30.2		mg/L		106	90 - 110

Lab Sample ID: 705-38283-E-1 MSD
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.2		10.0	15.1		mg/L		99	90 - 110	0	20
Fluoride	0.13	J	5.00	5.13		mg/L		100	90 - 110	0	20
Sulfate	3.8		25.0	29.4		mg/L		103	90 - 110	3	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-73995/1-A
Matrix: Water
Analysis Batch: 74253

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/11/25 13:28	08/12/25 10:47	1
Calcium	0.0408	J	0.10	0.038	mg/L		08/11/25 13:28	08/12/25 10:47	1

Lab Sample ID: LCS 705-73995/2-A
Matrix: Water
Analysis Batch: 74253

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.979		mg/L		98	80 - 120
Calcium	10.0	10.0		mg/L		100	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 752-35299-I-1-B MS
Matrix: Water
Analysis Batch: 74253

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73995

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.969		mg/L		97	75 - 125
Calcium	120		10.0	132		mg/L		85	75 - 125

Lab Sample ID: 752-35299-I-1-C MSD
Matrix: Water
Analysis Batch: 74253

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73995

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.963		mg/L		96	75 - 125	1	20
Calcium	120		10.0	132		mg/L		79	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73388/1-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/08/25 09:21	08/11/25 22:54	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/08/25 09:21	08/11/25 22:54	1
Barium	<0.00041		0.010	0.00041	mg/L		08/08/25 09:21	08/11/25 22:54	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/08/25 09:21	08/11/25 22:54	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/08/25 09:21	08/11/25 22:54	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/08/25 09:21	08/11/25 22:54	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/08/25 09:21	08/11/25 22:54	1
Copper	0.000669	J	0.0020	0.00064	mg/L		08/08/25 09:21	08/11/25 22:54	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/08/25 09:21	08/11/25 22:54	1
Magnesium	<0.016		0.10	0.016	mg/L		08/08/25 09:21	08/11/25 22:54	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/08/25 09:21	08/11/25 22:54	1
Potassium	0.0856	J ^+	0.10	0.044	mg/L		08/08/25 09:21	08/11/25 22:54	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/08/25 09:21	08/11/25 22:54	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/08/25 09:21	08/11/25 22:54	1
Sodium	<0.25		0.50	0.25	mg/L		08/08/25 09:21	08/11/25 22:54	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/08/25 09:21	08/11/25 22:54	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/08/25 09:21	08/11/25 22:54	1
Zinc	<0.0089	^+	0.010	0.0089	mg/L		08/08/25 09:21	08/11/25 22:54	1

Lab Sample ID: LCS 705-73388/2-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.101		mg/L		101	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.100	0.0994		mg/L		99	80 - 120
Cadmium	0.100	0.101		mg/L		101	80 - 120
Chromium	0.100	0.114		mg/L		114	80 - 120
Cobalt	0.100	0.114		mg/L		114	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-73388/2-A
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Copper			0.100	0.118		mg/L		118	80 - 120		
Lead			0.100	0.110		mg/L		110	80 - 120		
Magnesium			1.00	1.12		mg/L		112	80 - 120		
Nickel			0.100	0.113		mg/L		113	80 - 120		
Potassium			1.00	1.15	^+	mg/L		115	80 - 120		
Selenium			0.100	0.100		mg/L		100	80 - 120		
Silver			0.0100	0.0113		mg/L		113	80 - 120		
Sodium			1.00	1.18		mg/L		118	80 - 120		
Thallium			0.100	0.110		mg/L		110	80 - 120		
Vanadium			0.100	0.112		mg/L		112	80 - 120		
Zinc			0.100	0.112	^+	mg/L		112	80 - 120		

Lab Sample ID: 680-266089-D-6-B MS
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.0025		0.100	0.0964		mg/L		96	75 - 125		
Arsenic	0.0016	J	0.100	0.110		mg/L		108	75 - 125		
Barium	0.0056	J	0.100	0.106		mg/L		100	75 - 125		
Beryllium	<0.00015		0.100	0.0965		mg/L		96	75 - 125		
Cadmium	0.00032	J	0.100	0.0977		mg/L		97	75 - 125		
Chromium	<0.0037		0.100	0.110		mg/L		110	75 - 125		
Cobalt	0.00063	J	0.100	0.111		mg/L		111	75 - 125		
Copper	0.0013	J B	0.100	0.115		mg/L		114	75 - 125		
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125		
Magnesium	0.43		1.00	1.53		mg/L		110	75 - 125		
Nickel	0.0020	J	0.100	0.112		mg/L		110	75 - 125		
Potassium	0.65	B ^+	1.00	1.67	^+	mg/L		102	75 - 125		
Selenium	<0.0023		0.100	0.0975		mg/L		98	75 - 125		
Silver	<0.00017		0.0100	0.0114		mg/L		114	75 - 125		
Sodium	3.8		1.00	4.88		mg/L		105	75 - 125		
Thallium	0.00035	J	0.100	0.109		mg/L		109	75 - 125		
Vanadium	0.0012	J	0.100	0.112		mg/L		110	75 - 125		
Zinc	0.011	^+	0.100	0.119	^+	mg/L		108	75 - 125		

Lab Sample ID: 680-266089-D-6-C MSD
Matrix: Water
Analysis Batch: 74189

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73388

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0980		mg/L		98	75 - 125	2	20
Arsenic	0.0016	J	0.100	0.114		mg/L		113	75 - 125	4	20
Barium	0.0056	J	0.100	0.107		mg/L		101	75 - 125	1	20
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125	4	20
Cadmium	0.00032	J	0.100	0.0993		mg/L		99	75 - 125	2	20
Chromium	<0.0037		0.100	0.114		mg/L		114	75 - 125	4	20
Cobalt	0.00063	J	0.100	0.116		mg/L		115	75 - 125	4	20
Copper	0.0013	J B	0.100	0.119		mg/L		118	75 - 125	3	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-266089-D-6-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 74189 — **Prep Batch: 73388**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125	0	20
Magnesium	0.43		1.00	1.61		mg/L		118	75 - 125	5	20
Nickel	0.0020	J	0.100	0.117		mg/L		115	75 - 125	4	20
Potassium	0.65	B ^+	1.00	1.71	^+	mg/L		105	75 - 125	2	20
Selenium	<0.0023		0.100	0.0987		mg/L		99	75 - 125	1	20
Silver	<0.00017		0.0100	0.0118		mg/L		118	75 - 125	3	20
Sodium	3.8		1.00	5.07		mg/L		125	75 - 125	4	20
Thallium	0.00035	J	0.100	0.108		mg/L		108	75 - 125	1	20
Vanadium	0.0012	J	0.100	0.113		mg/L		112	75 - 125	2	20
Zinc	0.011	^+	0.100	0.120	^+	mg/L		109	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74320/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74442 — **Prep Batch: 74320**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 14:28	08/12/25 18:19	1

Lab Sample ID: LCS 705-74320/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74442 — **Prep Batch: 74320**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00439		mg/L		110	80 - 120

Lab Sample ID: 705-38150-1 MS — **Client Sample ID: SCH-GWC-18**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74442 — **Prep Batch: 74320**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00424		mg/L		106	75 - 125

Lab Sample ID: 705-38150-1 MSD — **Client Sample ID: SCH-GWC-18**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74442 — **Prep Batch: 74320**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00408		mg/L		102	75 - 125	4	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-72921/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	124		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	124		mg/L		100	90 - 110

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 705-38144-C-11 DU
Matrix: Water
Analysis Batch: 72921

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	74			73.7		mg/L				0.2	30
Bicarbonate Alkalinity as CaCO3	74			73.7		mg/L				0.2	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71316/1
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/30/25 14:45	1

Lab Sample ID: LCS 705-71316/2
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	956		mg/L		96	80 - 120		

Lab Sample ID: 705-38077-B-1 DU
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1300			1270		mg/L				3	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38150-1
Project/Site: Plant Scherer - Cell 1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/30/2025 2:31:10 PM Revision 1

JOB DESCRIPTION

GPC Plant Scherer - Cell 1

JOB NUMBER

705-38420-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Revision 1

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38420-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38420-3	SCH-GWC-19	Water	07/30/25 10:28	07/31/25 11:22	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-27-8156	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer - PAC Ash Cell	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	
SCH-GWA-46	7/30/25	12:36	G	WG			X	X	X	X	X	X	3
SCH-PAC-FD-7	7/30/25	--	G	WG			X	X	X	X	X	X	3
SCH-GWC-19	7/30/25	10:28	G	WG			X	X	X	X	X	X	3

Preservation Codes:
D - HNO3
N - None

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

705-38420 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/31/25 826	WSP	Mike Gemmill	7/31/25 828	Com How
Mike Gemmill	7/31/25 1118	Com How		7.31.25 11:22	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	# 2665	3.6	3.3	3.2	2.9

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38420-2

Login Number: 38420
List Number: 1
Creator: Tescum, Allyson

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38420-2

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38420-2 — Eurofins Atlanta

Job Narrative
705-38420-2

Revision 1
The report being provided is a revision of the original report sent on 8/15/2025. The report is being revised in order to add the explanation below why the results for GWA-46 & PAC-FD-7 are not reported in this report..

Project Manager Comments
Per request by WSP, Client Sample ID, SCH-GWC-19, should not be reported in the PAC Ash Cell report 705-38420-1 as this sample is associated with Plant Scherer Cell 1 and is to be reported seaparately in this 705-38420-2 report.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/31/2025 11:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 3.2°C, 3.3°C and 3.6°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38420-2

Client Sample ID: SCH-GWC-19 — Lab Sample ID: 705-38420-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	260		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.9		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	40		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.022		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.014		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	18		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0070		0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.8		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	47		0.50	0.25	mg/L	1		6020B	Total Recoverable
Zinc	0.014		0.010	0.0089	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	8.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	8.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	460		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38420-2

Client Sample ID: SCH-GWC-19

Date Collected: 07/30/25 10:28
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38420-3

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10**		1.0	0.98	mg/L			08/09/25 04:34	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 04:34	1
Sulfate	**260**		10	7.7	mg/L			08/09/25 23:09	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.9**		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:13	1
Calcium	**40**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:13	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 09:12	08/11/25 20:03	1
Arsenic	<0.0013	^+	0.0050	0.0013	mg/L		08/11/25 09:12	08/11/25 20:03	1
Barium	**0.022**		0.010	0.00041	mg/L		08/11/25 09:12	08/11/25 20:03	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 09:12	08/11/25 20:03	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 09:12	08/11/25 20:03	1
Chromium	**0.014**		0.0050	0.0037	mg/L		08/11/25 09:12	08/11/25 20:03	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 09:12	08/11/25 20:03	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 09:12	08/11/25 20:03	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 09:12	08/11/25 20:03	1
Magnesium	**18**		0.10	0.016	mg/L		08/11/25 09:12	08/11/25 20:03	1
Nickel	**0.0070**		0.0050	0.00042	mg/L		08/11/25 09:12	08/11/25 20:03	1
Potassium	**1.8**		0.10	0.044	mg/L		08/11/25 09:12	08/11/25 20:03	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 09:12	08/11/25 20:03	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 09:12	08/11/25 20:03	1
Sodium	**47**		0.50	0.25	mg/L		08/11/25 09:12	08/11/25 20:03	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 09:12	08/11/25 20:03	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/11/25 09:12	08/13/25 21:05	1
Zinc	**0.014**		0.010	0.0089	mg/L		08/11/25 09:12	08/11/25 20:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**8.3**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**8.3**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**460**		10	10	mg/L			08/05/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38420-2

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38420-2

Client Sample ID: SCH-GWC-19

Date Collected: 07/30/25 10:28
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38420-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 04:34
Total/NA	Analysis	300.0		10	73703	MS	EET ATL	08/09/25 23:09
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:13
Total Recoverable	Prep	3005A			73561	BR	EET ATL	08/11/25 09:12
Total Recoverable	Analysis	6020B		1	74146	MD	EET ATL	08/11/25 20:03
Total Recoverable	Prep	3005A			73561	BR	EET ATL	08/11/25 09:12
Total Recoverable	Analysis	6020B		1	74808	MD	EET ATL	08/13/25 21:05
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 16:48
Total/NA	Analysis	2320B-2011		1	74366	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-73703/3
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/09/25 21:26	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 21:26	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 21:26	1

Lab Sample ID: LCS 705-73703/4
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.86		mg/L		99	90 - 110
Fluoride	5.00	4.87		mg/L		97	90 - 110
Sulfate	25.0	24.4		mg/L		97	90 - 110

Lab Sample ID: 705-39413-C-1 MS
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.0	F1	10.0	13.7	F1	mg/L		87	90 - 110
Fluoride	0.25		5.00	4.78		mg/L		91	90 - 110
Sulfate	55	F1	25.0	74.2	F1	mg/L		75	90 - 110

Lab Sample ID: 705-39413-C-1 MSD
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.0	F1	10.0	13.6	F1	mg/L		86	90 - 110	1	20
Fluoride	0.25		5.00	4.81		mg/L		91	90 - 110	0	20
Sulfate	55	F1	25.0	73.8	F1	mg/L		74	90 - 110	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73561/1-A
Matrix: Water
Analysis Batch: 74146

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 09:12	08/11/25 19:13	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 09:12	08/11/25 19:13	1
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 09:12	08/11/25 19:13	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 09:12	08/11/25 19:13	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 09:12	08/11/25 19:13	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 09:12	08/11/25 19:13	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 09:12	08/11/25 19:13	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 09:12	08/11/25 19:13	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 09:12	08/11/25 19:13	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 09:12	08/11/25 19:13	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/11/25 09:12	08/11/25 19:13	1
Potassium	<0.044		0.10	0.044	mg/L		08/11/25 09:12	08/11/25 19:13	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-73561/1-A
Matrix: Water
Analysis Batch: 74146

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 09:12	08/11/25 19:13	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 09:12	08/11/25 19:13	1
Sodium	<0.25		0.50	0.25	mg/L		08/11/25 09:12	08/11/25 19:13	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 09:12	08/11/25 19:13	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/11/25 09:12	08/11/25 19:13	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/11/25 09:12	08/11/25 19:13	1

Lab Sample ID: LCS 705-73561/2-A
Matrix: Water
Analysis Batch: 74146

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.104		mg/L		104	80 - 120
Arsenic	0.100	0.111		mg/L		111	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.100	0.0930		mg/L		93	80 - 120
Cadmium	0.100	0.101		mg/L		101	80 - 120
Chromium	0.100	0.106		mg/L		106	80 - 120
Cobalt	0.100	0.106		mg/L		106	80 - 120
Copper	0.100	0.105		mg/L		105	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Magnesium	1.00	1.02		mg/L		102	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	1.00	1.04		mg/L		104	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Silver	0.0100	0.0105		mg/L		105	80 - 120
Sodium	1.00	1.04		mg/L		104	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120
Vanadium	0.100	0.104		mg/L		104	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: 705-38420-C-1-B MS
Matrix: Water
Analysis Batch: 74146

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.102		mg/L		102	75 - 125
Arsenic	<0.0013		0.100	0.101		mg/L		101	75 - 125
Barium	0.022		0.100	0.118		mg/L		96	75 - 125
Beryllium	<0.00015		0.100	0.0796		mg/L		80	75 - 125
Cadmium	<0.00024		0.100	0.0994		mg/L		99	75 - 125
Chromium	0.0044	J	0.100	0.102		mg/L		97	75 - 125
Cobalt	<0.00041		0.100	0.0976		mg/L		98	75 - 125
Copper	<0.00064		0.100	0.0987		mg/L		99	75 - 125
Lead	<0.00086		0.100	0.0991		mg/L		99	75 - 125
Magnesium	3.2		1.00	4.02		mg/L		85	75 - 125
Nickel	<0.00042		0.100	0.0968		mg/L		97	75 - 125
Potassium	0.76		1.00	1.66		mg/L		89	75 - 125
Selenium	<0.0023		0.100	0.0928		mg/L		93	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38420-C-1-B MS
Matrix: Water
Analysis Batch: 74146

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	<0.00017		0.0100	0.0102		mg/L		102	75 - 125
Sodium	4.5		1.00	5.25	4	mg/L		74	75 - 125
Thallium	0.00034	J	0.100	0.0997		mg/L		99	75 - 125
Vanadium	0.0020	J	0.100	0.100		mg/L		98	75 - 125
Zinc	<0.0089		0.100	0.0994		mg/L		99	75 - 125

Lab Sample ID: 705-38420-C-1-C MSD
Matrix: Water
Analysis Batch: 74146

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0958		mg/L		96	75 - 125	6	20
Arsenic	<0.0013		0.100	0.0960		mg/L		96	75 - 125	5	20
Barium	0.022		0.100	0.114		mg/L		92	75 - 125	4	20
Beryllium	<0.00015		0.100	0.0766		mg/L		77	75 - 125	4	20
Cadmium	<0.00024		0.100	0.0959		mg/L		96	75 - 125	4	20
Chromium	0.0044	J	0.100	0.0965		mg/L		92	75 - 125	5	20
Cobalt	<0.00041		0.100	0.0934		mg/L		93	75 - 125	4	20
Copper	<0.00064		0.100	0.0945		mg/L		95	75 - 125	4	20
Lead	<0.00086		0.100	0.0936		mg/L		94	75 - 125	6	20
Magnesium	3.2		1.00	3.92		mg/L		75	75 - 125	3	20
Nickel	<0.00042		0.100	0.0921		mg/L		92	75 - 125	5	20
Potassium	0.76		1.00	1.59		mg/L		83	75 - 125	4	20
Selenium	<0.0023		0.100	0.0901		mg/L		90	75 - 125	3	20
Silver	<0.00017		0.0100	0.00977		mg/L		98	75 - 125	4	20
Sodium	4.5		1.00	5.20	4	mg/L		69	75 - 125	1	20
Thallium	0.00034	J	0.100	0.0974		mg/L		97	75 - 125	2	20
Vanadium	0.0020	J	0.100	0.0927		mg/L		91	75 - 125	8	20
Zinc	<0.0089		0.100	0.0943		mg/L		94	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74878/1-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 12:26	1

Lab Sample ID: LCS 705-74878/2-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00365		mg/L		91	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-39261-A-6-C MS
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00378		mg/L		95	75 - 125

Lab Sample ID: 705-39261-A-6-D MSD
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00380		mg/L		95	75 - 125	0	20

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38420-2
Project/Site: GPC Plant Scherer - Cell 1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/15/2025 11:44:38 AM

JOB DESCRIPTION

GPC Plant Scherer - Cell 1

JOB NUMBER

705-38422-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38422-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38422-1	SCH-GWC-12	Water	07/30/25 13:26	07/31/25 11:22	Georgia
705-38422-2	SCH-CELL1-EB-6	Water	07/30/25 13:30	07/31/25 11:22	Georgia
705-38422-3	SCH-GWC-13	Water	07/30/25 14:13	07/31/25 11:22	Georgia
705-38422-4	SCH-GWC-11	Water	07/30/25 14:51	07/31/25 11:22	Georgia
705-38422-5	SCH-CELL1-EB-5	Water	07/30/25 14:20	07/31/25 11:22	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8150	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: GPC Plant Scherer - Cell 1	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: D - HNO3; N - None

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity							Total Number of containers
				Preservation Code:			N	N	D	D	D	N							
SCH-GWC-12	7/30/25	13:26	G	WG			X	X	X	X	X	X							3
SCH-CELL1-EB-6	7/30/25	13:30	G	WQ			X	X	X	X	X	X							3
SCH-GWC-13	7/30/25	14:13	G	WG			X	X	X	X	X	X							3
SCH-GWC-11	7/30/25	14:51	G	WG			X	X	X	X	X	X							3
SCH-CELL1-EB-5	7/30/25	14:20	G	WQ			X	X	X	X	X	X							3

705-38422 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jack Stucky	7/31/25 0828	WSP	MIKE GEMMILL	7/31/25 0828	COURIER NOW
MIKE GEMMILL	7/31/25 1128	COURIER NOW		7.31.25 1127	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: cl # 2665 3.6 3.3 3.2 2.9

Ver: 01/16/2019

8/15/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38422-1

Login Number: 38422
List Number: 1
Creator: Tescum, Allyson

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38422-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38422-1 Eurofins Atlanta

Job Narrative
705-38422-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/31/2025 11:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 3.2°C, 3.3°C and 3.6°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 705-73533 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38422-1

Client Sample ID: SCH-GWC-12 — Lab Sample ID: 705-38422-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J F1	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	1.2		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.019		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	1.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00096	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.27		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	2.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Mercury	0.00018	J	0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	7.7		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	7.7		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	22		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL1-EB-6 — Lab Sample ID: 705-38422-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	0.039	J	0.10	0.038	mg/L	1		6010D	Total/NA
Mercury	0.00017	J	0.00020	0.00017	mg/L	1		7470A	Total/NA

Client Sample ID: SCH-GWC-13 — Lab Sample ID: 705-38422-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	7.3		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.037		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0053		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	4.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.51		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0013	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Mercury	0.00017	J	0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	46		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	46		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	61		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-11 — Lab Sample ID: 705-38422-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.091	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	13		0.10	0.038	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWC-11 (Continued)

Lab Sample ID: 705-38422-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.018		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0087		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	7.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00085	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.71		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.011		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Mercury	0.00017	J	0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	66		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	66		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	89		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 705-38422-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.00044	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.070	J B ^2	0.10	0.044	mg/L	1		6020B	Total Recoverable
Mercury	0.00018	J	0.00020	0.00017	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWC-12

Lab Sample ID: 705-38422-1

Date Collected: 07/30/25 13:26

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.0**		1.0	0.98	mg/L			08/08/25 11:35	1
Fluoride	**0.14**	**J F1**	0.20	0.081	mg/L			08/08/25 11:35	1
Sulfate	<0.77		1.0	0.77	mg/L			08/08/25 11:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:16	1
Calcium	**1.2**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 01:34	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 01:34	1
Barium	**0.019**		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 01:34	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 01:34	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 01:34	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 01:34	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 01:34	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 11:15	08/12/25 01:34	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 01:34	1
Magnesium	**1.1**		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 01:34	1
Nickel	**0.00096**	**J**	0.0050	0.00042	mg/L		08/11/25 11:15	08/12/25 01:34	1
Potassium	**0.27**		0.10	0.044	mg/L		08/11/25 11:15	08/12/25 20:20	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 01:34	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 11:15	08/12/25 01:34	1
Sodium	**2.9**		0.50	0.25	mg/L		08/11/25 11:15	08/12/25 20:20	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 01:34	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/11/25 11:15	08/12/25 01:34	1
Zinc	<0.0089	^+	0.010	0.0089	mg/L		08/11/25 11:15	08/12/25 01:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00018**	**J**	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 16:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**7.7**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**7.7**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**22**		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 705-38422-2

Date Collected: 07/30/25 13:30

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/08/25 14:04	1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 705-38422-2

Date Collected: 07/30/25 13:30

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.081		0.20	0.081	mg/L			08/08/25 14:04	1
Sulfate	<0.77		1.0	0.77	mg/L			08/08/25 14:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:19	1
Calcium	**0.039**	**J**	0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 01:36	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 01:36	1
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 01:36	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 01:36	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 01:36	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 01:36	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 01:36	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 11:15	08/12/25 01:36	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 01:36	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 01:36	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/11/25 11:15	08/12/25 01:36	1
Potassium	<0.044		0.10	0.044	mg/L		08/11/25 11:15	08/12/25 20:22	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 01:36	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 11:15	08/12/25 01:36	1
Sodium	<0.25	*+	0.50	0.25	mg/L		08/11/25 11:15	08/12/25 01:36	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 01:36	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/11/25 11:15	08/12/25 01:36	1
Zinc	<0.0089	^+	0.010	0.0089	mg/L		08/11/25 11:15	08/12/25 01:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00017**	**J**	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 16:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 705-38422-3

Date Collected: 07/30/25 14:13

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**		1.0	0.98	mg/L			08/08/25 14:15	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			08/08/25 14:15	1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 705-38422-3

Date Collected: 07/30/25 14:13

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1.0**		1.0	0.77	mg/L			08/08/25 14:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:22	1
Calcium	**7.3**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 01:39	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 01:39	1
Barium	**0.037**		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 01:39	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 01:39	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 01:39	1
Chromium	**0.0053**		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 01:39	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 01:39	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 11:15	08/12/25 01:39	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 01:39	1
Magnesium	**4.8**		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 01:39	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/11/25 11:15	08/12/25 01:39	1
Potassium	**0.51**		0.10	0.044	mg/L		08/11/25 11:15	08/12/25 20:25	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 01:39	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 11:15	08/12/25 01:39	1
Sodium	**6.3**		0.50	0.25	mg/L		08/11/25 11:15	08/12/25 20:25	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 01:39	1
Vanadium	**0.0013**	**J**	0.0050	0.0012	mg/L		08/11/25 11:15	08/12/25 01:39	1
Zinc	<0.0089	^+	0.010	0.0089	mg/L		08/11/25 11:15	08/12/25 01:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00017**	**J**	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**46**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**46**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**61**		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 705-38422-4

Date Collected: 07/30/25 14:51

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.5**		1.0	0.98	mg/L			08/08/25 14:27	1
Fluoride	**0.091**	**J**	0.20	0.081	mg/L			08/08/25 14:27	1
Sulfate	<0.77		1.0	0.77	mg/L			08/08/25 14:27	1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 705-38422-4

Date Collected: 07/30/25 14:51

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:26	1
Calcium	**13**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:26	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 02:01	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 02:01	1
Barium	**0.018**		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 02:01	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 02:01	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 02:01	1
Chromium	**0.0087**		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 02:01	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 02:01	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 11:15	08/12/25 02:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 02:01	1
Magnesium	**7.0**		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 02:01	1
Nickel	**0.00085**	**J**	0.0050	0.00042	mg/L		08/11/25 11:15	08/12/25 02:01	1
Potassium	**0.71**		0.10	0.044	mg/L		08/11/25 11:15	08/12/25 20:28	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 02:01	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 11:15	08/12/25 02:01	1
Sodium	**4.9**		0.50	0.25	mg/L		08/11/25 11:15	08/12/25 20:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 02:01	1
Vanadium	**0.011**		0.0050	0.0012	mg/L		08/11/25 11:15	08/12/25 02:01	1
Zinc	<0.0089	^+	0.010	0.0089	mg/L		08/11/25 11:15	08/12/25 02:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00017**	**J**	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**66**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**66**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**89**		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 705-38422-5

Date Collected: 07/30/25 14:20

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/08/25 14:38	1
Fluoride	<0.081		0.20	0.081	mg/L			08/08/25 14:38	1
Sulfate	<0.77		1.0	0.77	mg/L			08/08/25 14:38	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:29	1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 705-38422-5

Date Collected: 07/30/25 14:20

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.038		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:29	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 02:03	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 02:03	1
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 02:03	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 02:03	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 02:03	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 02:03	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 02:03	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 11:15	08/12/25 02:03	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 02:03	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 02:03	1
Nickel	**0.00044**	**J**	0.0050	0.00042	mg/L		08/11/25 11:15	08/12/25 02:03	1
Potassium	**0.070**	**J B ^2**	0.10	0.044	mg/L		08/11/25 11:15	08/12/25 02:03	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 02:03	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 11:15	08/12/25 02:03	1
Sodium	<0.25	*+	0.50	0.25	mg/L		08/11/25 11:15	08/12/25 02:03	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 02:03	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/11/25 11:15	08/12/25 02:03	1
Zinc	<0.0089	^+	0.010	0.0089	mg/L		08/11/25 11:15	08/12/25 02:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00018**	**J**	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 17:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/05/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38422-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38422-1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 705-38422-1

Date Collected: 07/30/25 13:26

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/08/25 11:35
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:16
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74191	IF	EET ATL	08/12/25 01:34
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74567	IF	EET ATL	08/12/25 20:20
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 16:52
Total/NA	Analysis	2320B-2011		1	74366	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 705-38422-2

Date Collected: 07/30/25 13:30

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/08/25 14:04
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:19
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74191	IF	EET ATL	08/12/25 01:36
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74567	IF	EET ATL	08/12/25 20:22
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 16:56
Total/NA	Analysis	2320B-2011		1	74366	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-GWC-13

Lab Sample ID: 705-38422-3

Date Collected: 07/30/25 14:13

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/08/25 14:15
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:22
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74191	IF	EET ATL	08/12/25 01:39
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74567	IF	EET ATL	08/12/25 20:25
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 17:00
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05

Lab Chronicle

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38422-1

Client Sample ID: SCH-GWC-13
Date Collected: 07/30/25 14:13
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38422-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-GWC-11
Date Collected: 07/30/25 14:51
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38422-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/08/25 14:27
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:26
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74191	IF	EET ATL	08/12/25 02:01
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74567	IF	EET ATL	08/12/25 20:28
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 17:04
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-CELL1-EB-5
Date Collected: 07/30/25 14:20
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38422-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/08/25 14:38
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:29
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74191	IF	EET ATL	08/12/25 02:03
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 17:16
Total/NA	Analysis	2320B-2011		1	74366	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Laboratory References:
EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-73533/4
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/08/25 10:55	1
Fluoride	<0.081		0.20	0.081	mg/L			08/08/25 10:55	1
Sulfate	<0.77		1.0	0.77	mg/L			08/08/25 10:55	1

Lab Sample ID: LCS 705-73533/5
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.76		mg/L		98	90 - 110
Fluoride	5.00	4.71		mg/L		94	90 - 110
Sulfate	25.0	24.8		mg/L		99	90 - 110

Lab Sample ID: 705-38422-1 MS
Matrix: Water
Analysis Batch: 73533

Client Sample ID: SCH-GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.0		10.0	11.6		mg/L		96	90 - 110
Fluoride	0.14	J F1	5.00	4.52	F1	mg/L		88	90 - 110
Sulfate	<0.77		25.0	24.5		mg/L		98	90 - 110

Lab Sample ID: 705-38422-1 MSD
Matrix: Water
Analysis Batch: 73533

Client Sample ID: SCH-GWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0		10.0	11.4		mg/L		94	90 - 110	1	20
Fluoride	0.14	J F1	5.00	4.65		mg/L		90	90 - 110	3	20
Sulfate	<0.77		25.0	25.2		mg/L		101	90 - 110	3	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-74201/1-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 18:42	1
Calcium	<0.038		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 18:42	1

Lab Sample ID: LCS 705-74201/2-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.979		mg/L		98	80 - 120
Calcium	10.0	10.1		mg/L		101	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-38420-C-2-C MS
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.992		mg/L		99	75 - 125
Calcium	6.4		10.0	16.7		mg/L		103	75 - 125

Lab Sample ID: 705-38420-C-2-D MSD
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.00		mg/L		100	75 - 125	1	20
Calcium	6.4		10.0	16.6		mg/L		102	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73929/1-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 00:35	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 00:35	1
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 00:35	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 00:35	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 00:35	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 00:35	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 00:35	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 11:15	08/12/25 00:35	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 00:35	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 11:15	08/12/25 00:35	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/11/25 11:15	08/12/25 00:35	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 00:35	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 11:15	08/12/25 00:35	1
Sodium	<0.25		0.50	0.25	mg/L		08/11/25 11:15	08/12/25 00:35	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 00:35	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/11/25 11:15	08/12/25 00:35	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/11/25 11:15	08/12/25 00:35	1

Lab Sample ID: MB 705-73929/1-A
Matrix: Water
Analysis Batch: 74567

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		08/11/25 11:15	08/12/25 20:14	1

Lab Sample ID: LCS 705-73929/2-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0994		mg/L		99	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-73929/2-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.0989		mg/L		99	80 - 120
Beryllium	0.100	0.100		mg/L		100	80 - 120
Cadmium	0.100	0.0992		mg/L		99	80 - 120
Chromium	0.100	0.109		mg/L		109	80 - 120
Cobalt	0.100	0.108		mg/L		108	80 - 120
Copper	0.100	0.111		mg/L		111	80 - 120
Lead	0.100	0.106		mg/L		106	80 - 120
Magnesium	1.00	1.08		mg/L		108	80 - 120
Nickel	0.100	0.108		mg/L		108	80 - 120
Potassium	1.00	1.14	^+	mg/L		114	80 - 120
Selenium	0.100	0.100		mg/L		100	80 - 120
Silver	0.0100	0.0110		mg/L		110	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120
Vanadium	0.100	0.108		mg/L		108	80 - 120
Zinc	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: LCS 705-73929/2-A
Matrix: Water
Analysis Batch: 74567

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	1.00	1.13		mg/L		113	80 - 120

Lab Sample ID: 680-266136-B-2-B MS
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125
Arsenic	<0.0013		0.100	0.111		mg/L		111	75 - 125
Barium	0.038		0.100	0.136		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.0955		mg/L		96	75 - 125
Cadmium	<0.00024		0.100	0.0971		mg/L		97	75 - 125
Chromium	<0.0037		0.100	0.108		mg/L		108	75 - 125
Cobalt	<0.00041		0.100	0.108		mg/L		108	75 - 125
Copper	<0.00064		0.100	0.110		mg/L		110	75 - 125
Lead	<0.00086		0.100	0.104		mg/L		104	75 - 125
Magnesium	5.1		1.00	6.25	4	mg/L		120	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Potassium	0.20	B ^+	1.00	1.20	^+	mg/L		100	75 - 125
Selenium	<0.0023		0.100	0.0981		mg/L		98	75 - 125
Silver	<0.00017		0.0100	0.0109		mg/L		109	75 - 125
Sodium	9.7	*+	1.00	10.7	4	mg/L		100	75 - 125
Thallium	<0.00019		0.100	0.105		mg/L		105	75 - 125
Vanadium	<0.0012		0.100	0.109		mg/L		109	75 - 125
Zinc	<0.0089		0.100	0.110		mg/L		110	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-266136-B-2-C MSD
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125	0	20
Arsenic	<0.0013		0.100	0.109		mg/L		109	75 - 125	2	20
Barium	0.038		0.100	0.138		mg/L		100	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0967		mg/L		97	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0972		mg/L		97	75 - 125	0	20
Chromium	<0.0037		0.100	0.108		mg/L		108	75 - 125	0	20
Cobalt	<0.00041		0.100	0.109		mg/L		109	75 - 125	1	20
Copper	<0.00064		0.100	0.109		mg/L		109	75 - 125	1	20
Lead	<0.00086		0.100	0.104		mg/L		104	75 - 125	1	20
Magnesium	5.1		1.00	6.27	4	mg/L		122	75 - 125	0	20
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125	0	20
Potassium	0.20	B ^+	1.00	1.19	^+	mg/L		99	75 - 125	1	20
Selenium	<0.0023		0.100	0.0982		mg/L		98	75 - 125	0	20
Silver	<0.00017		0.0100	0.0108		mg/L		108	75 - 125	0	20
Sodium	9.7	*+	1.00	10.9	4	mg/L		118	75 - 125	2	20
Thallium	<0.00019		0.100	0.105		mg/L		105	75 - 125	0	20
Vanadium	<0.0012		0.100	0.108		mg/L		108	75 - 125	1	20
Zinc	<0.0089		0.100	0.113		mg/L		113	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74878/1-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 12:26	1

Lab Sample ID: LCS 705-74878/2-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00365		mg/L		91	80 - 120

Lab Sample ID: 705-39261-A-6-C MS
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00378		mg/L		95	75 - 125

Lab Sample ID: 705-39261-A-6-D MSD
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00380		mg/L		95	75 - 125	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74363/1
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	126		mg/L		101	90 - 110
Bicarbonate Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Lab Sample ID: 705-38256-A-16 DU
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Bicarbonate Alkalinity as CaCO3	59		58.6		mg/L		0.9	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72578/1
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/05/25 14:45	1

Lab Sample ID: LCS 705-72578/2
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	944		mg/L		95	80 - 120

Lab Sample ID: 705-38370-F-1 DU
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	400		405		mg/L		0.5	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38422-1
Project/Site: GPC Plant Scherer - Cell 1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/27/2025 8:24:05 AM

JOB DESCRIPTION

GPC Plant Scherer - Cell 1

JOB NUMBER

705-38619-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
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Sample Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38619-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38619-1	SCH-GWC-9	Water	07/31/25 11:35	08/01/25 15:30	Georgia
705-38619-2	SCH-GWC-8A	Water	07/31/25 10:44	08/01/25 15:30	Georgia
705-38619-3	SCH-GWC-2	Water	07/31/25 09:20	08/01/25 15:30	Georgia
705-38619-4	SCH-GWC-14	Water	07/31/25 12:32	08/01/25 15:30	Georgia
705-38619-5	SCH-CELL1-FB-6	Water	07/31/25 13:08	08/01/25 15:30	Georgia
705-38619-6	SCH-GWC-6	Water	07/31/25 11:14	08/01/25 15:30	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: GPC Plant Scherer - Cell 1	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38619 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity							Total Number of containers
			Preservation Code:				N	N	D	D	D	N							
SCH-GWC-9	7/31/25	1135		WG			X	X	X	X	X	X							3
SCH-GWC-8A	7/31/25	1044		WG			X	X	X	X	X	X							3
SCH-GWC-2	7/31/25	0920		WG			X	X	X	X	X	X							3
SCH-GWC-14	7/31/25	1232		WG			X	X	X	X	X	X							3
SCH-CELL1-FB-6	7/31/25	1308		WQ			X	X	X	X	X	X							3
SCH-GWC-6	7/31/25	1114		WG			X	X	X	X	X	X							3

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	8/1/25 1530	WSP		8/01/25 1530	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		2.9 2.1 30 #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38619-1

Login Number: 38619

List Source: Eurofins Atlanta

List Number: 1

Creator: Sims, Christion

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Job ID: 705-38619-1
Project/Site: GPC Plant Scherer - Cell 1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38619-1 Eurofins Atlanta

Job Narrative
705-38619-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/1/2025 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.1°C, 2.9°C and 3.0°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The method blank for preparation batch 705-74800 contained Boron above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-75551 and 705-75854 and analytical batch 705-75930 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-74704 and analytical batch 705-75539 contained Magnesium above the method detection limit. This target analyte concentration in the samples were more than ten times the Method Blank concentration; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38619-1

Client Sample ID: SCH-GWC-9 — Lab Sample ID: 705-38619-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.17	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	16		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.10		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0083		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.00069	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	7.8	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00072	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.4		1.0	0.44	mg/L	10		6020B	Total Recoverable
Sodium	9.7		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.018		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	85		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	85		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	180		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-8A — Lab Sample ID: 705-38619-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.17	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	14		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.14	F1	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	42		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.037		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0025	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	17	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0043	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	2.6		0.50	0.22	mg/L	5		6020B	Total Recoverable
Sodium	14		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	190		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	190		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	280		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-2 — Lab Sample ID: 705-38619-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.15	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.77	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38619-1

Client Sample ID: SCH-GWC-2 (Continued) — Lab Sample ID: 705-38619-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.045		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.010		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.0	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0016	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.2		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.014		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	88		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	88		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	140		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-14 — Lab Sample ID: 705-38619-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	6.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.011		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	2.9	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.43		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	3.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	33		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	33		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	70		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL1-FB-6 — Lab Sample ID: 705-38619-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: SCH-GWC-6 — Lab Sample ID: 705-38619-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	20		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	16		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.052		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0056		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.2	B	0.10	0.016	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWC-6 (Continued)

Lab Sample ID: 705-38619-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.00053	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.5		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.8		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0086		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	64		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	64		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWC-9

Lab Sample ID: 705-38619-1

Date Collected: 07/31/25 11:35
Matrix: Water
Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.5**		1.0	0.98	mg/L			08/14/25 22:57	1
Fluoride	**0.17**	**J**	0.20	0.081	mg/L			08/14/25 22:57	1
Sulfate	**16**		1.0	0.77	mg/L			08/14/25 22:57	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.10**		0.080	0.026	mg/L		08/19/25 12:15	08/19/25 13:54	1
Calcium	**21**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:05	1
Barium	**0.031**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:05	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:05	1
Chromium	**0.0083**		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:05	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:05	1
Copper	**0.00069**	**J**	0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:05	1
Magnesium	**7.8**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:05	1
Nickel	**0.00072**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:05	1
Potassium	**1.4**		1.0	0.44	mg/L		08/18/25 11:00	08/21/25 15:43	10
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:05	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:05	1
Sodium	**9.7**		0.50	0.25	mg/L		08/18/25 11:00	08/20/25 16:31	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:05	1
Vanadium	**0.018**		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:05	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/18/25 11:00	08/20/25 16:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:11	08/15/25 23:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**85**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**85**		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	**180**		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 705-38619-2

Date Collected: 07/31/25 10:44
Matrix: Water
Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.0**		1.0	0.98	mg/L			08/15/25 00:51	1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 705-38619-2

Date Collected: 07/31/25 10:44

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.17**	**J**	0.20	0.081	mg/L			08/15/25 00:51	1
Sulfate	**14**		1.0	0.77	mg/L			08/15/25 00:51	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.14**	**F1**	0.080	0.026	mg/L		08/19/25 12:15	08/19/25 13:39	1
Calcium	**42**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:17	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:17	1
Barium	**0.037**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:17	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:17	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:17	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:17	1
Cobalt	**0.0025**	**J**	0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:17	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:17	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:17	1
Magnesium	**17**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:17	1
Nickel	**0.0043**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:17	1
Potassium	**2.6**		0.50	0.22	mg/L		08/13/25 20:15	08/25/25 15:13	5
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:17	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:17	1
Sodium	**14**		0.50	0.25	mg/L		08/18/25 11:00	08/20/25 16:20	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:17	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:17	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/18/25 11:00	08/20/25 16:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:11	08/15/25 23:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**190**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**190**		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	**280**		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 705-38619-3

Date Collected: 07/31/25 09:20

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.3**		1.0	0.98	mg/L			08/15/25 01:02	1
Fluoride	**0.15**	**J**	0.20	0.081	mg/L			08/15/25 01:02	1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 705-38619-3

Date Collected: 07/31/25 09:20

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1.2**		1.0	0.77	mg/L			08/15/25 01:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 12:22	1
Calcium	**17**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:20	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:20	1
Barium	**0.045**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:20	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:20	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:20	1
Chromium	**0.010**		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:20	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:20	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:20	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:20	1
Magnesium	**6.0**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:20	1
Nickel	**0.0016**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:20	1
Potassium	**1.2**		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 21:56	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:20	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:20	1
Sodium	**8.2**		0.50	0.25	mg/L		08/22/25 07:25	08/22/25 21:56	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:20	1
Vanadium	**0.014**		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:20	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/22/25 07:25	08/22/25 21:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:11	08/15/25 23:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**88**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**88**		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	**140**		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 705-38619-4

Date Collected: 07/31/25 12:32

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.9**		1.0	0.98	mg/L			08/15/25 01:14	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			08/15/25 01:14	1
Sulfate	<0.77		1.0	0.77	mg/L			08/15/25 01:14	1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 705-38619-4

Date Collected: 07/31/25 12:32

Matrix: Water

Date Received: 08/01/25 15:30

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 12:25	1
Calcium	**6.8**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:25	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 21:19	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 21:19	1
Barium	**0.011**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 21:19	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 21:19	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 21:19	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 21:19	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 21:19	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 21:19	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 21:19	1
Magnesium	**2.9**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 21:19	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 21:19	1
Potassium	**0.43**		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 21:49	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 21:19	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 21:19	1
Sodium	**3.2**		0.50	0.25	mg/L		08/22/25 07:25	08/22/25 21:49	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 21:19	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 21:19	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/22/25 07:25	08/22/25 21:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**33**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**33**		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	**70**		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 705-38619-5

Date Collected: 07/31/25 13:08

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/15/25 01:25	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			08/15/25 01:25	1
Sulfate	<0.77		1.0	0.77	mg/L			08/15/25 01:25	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 12:29	1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 705-38619-5

Date Collected: 07/31/25 13:08

Matrix: Water

Date Received: 08/01/25 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.038		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:29	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:22	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:22	1
Barium	<0.00041		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:22	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:22	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:22	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:22	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:22	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:22	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:22	1
Magnesium	<0.016		0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:22	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:22	1
Potassium	<0.044		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 21:52	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:22	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:22	1
Sodium	<0.25		0.50	0.25	mg/L		08/22/25 07:25	08/22/25 21:52	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:22	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:22	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/22/25 07:25	08/22/25 21:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 17:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/06/25 15:15	1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 705-38619-6

Date Collected: 07/31/25 11:14

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.6**		1.0	0.98	mg/L			08/15/25 02:11	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			08/15/25 02:11	1
Sulfate	**20**		1.0	0.77	mg/L			08/15/25 02:11	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 12:32	1
Calcium	**16**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:32	1

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38619-1

Client Sample ID: SCH-GWC-6

Date Collected: 07/31/25 11:14
Date Received: 08/01/25 15:30

Lab Sample ID: 705-38619-6

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:39	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:39	1
Barium	**0.052**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:39	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:39	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:39	1
Chromium	**0.0056**		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:39	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:39	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:39	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:39	1
Magnesium	**6.2**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:39	1
Nickel	**0.00053**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:39	1
Potassium	**1.5**		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 21:32	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:39	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:39	1
Sodium	**8.8**		0.50	0.25	mg/L		08/22/25 07:25	08/22/25 21:32	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:39	1
Vanadium	**0.0086**		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:39	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/22/25 07:25	08/22/25 21:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**64**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**64**		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			08/06/25 15:15	1

Method Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38619-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Client Sample ID: SCH-GWC-9

Lab Sample ID: 705-38619-1

Date Collected: 07/31/25 11:35

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/14/25 22:57
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:16
Total/NA	Prep	3010A			75854	EF	EET ATL	08/19/25 12:15
Total/NA	Analysis	6010D		1	75930	DS	EET ATL	08/19/25 13:54
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:05
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		1	76496	IF	EET ATL	08/20/25 16:31
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		10	76643	IF	EET ATL	08/21/25 15:43
Total/NA	Prep	7470A			75307	GR	EET ATL	08/15/25 15:11
Total/NA	Analysis	7470A		1	76474	GR	EET ATL	08/15/25 23:01
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 705-38619-2

Date Collected: 07/31/25 10:44

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/15/25 00:51
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:19
Total/NA	Prep	3010A			75854	EF	EET ATL	08/19/25 12:15
Total/NA	Analysis	6010D		1	75930	DS	EET ATL	08/19/25 13:39
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:17
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		1	76496	IF	EET ATL	08/20/25 16:20
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		5	77429	IF	EET ATL	08/25/25 15:13
Total/NA	Prep	7470A			75307	GR	EET ATL	08/15/25 15:11
Total/NA	Analysis	7470A		1	76474	GR	EET ATL	08/15/25 23:05
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Client Sample ID: SCH-GWC-2

Lab Sample ID: 705-38619-3

Date Collected: 07/31/25 09:20

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/15/25 01:02

Lab Chronicle

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38619-1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 705-38619-3

Date Collected: 07/31/25 09:20

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:22
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:20
Total Recoverable	Prep	3005A			76686	EF	EET ATL	08/22/25 07:25
Total Recoverable	Analysis	6020B		1	77027	MD	EET ATL	08/22/25 21:56
Total/NA	Prep	7470A			75307	GR	EET ATL	08/15/25 15:11
Total/NA	Analysis	7470A		1	76474	GR	EET ATL	08/15/25 23:08
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Client Sample ID: SCH-GWC-14

Lab Sample ID: 705-38619-4

Date Collected: 07/31/25 12:32

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/15/25 01:14
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:25
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 21:19
Total Recoverable	Prep	3005A			76686	EF	EET ATL	08/22/25 07:25
Total Recoverable	Analysis	6020B		1	77027	MD	EET ATL	08/22/25 21:49
Total/NA	Prep	7470A			75602	GR	EET ATL	08/18/25 10:33
Total/NA	Analysis	7470A		1	76123	GR	EET ATL	08/18/25 17:21
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 705-38619-5

Date Collected: 07/31/25 13:08

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/15/25 01:25
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:29
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:22
Total Recoverable	Prep	3005A			76686	EF	EET ATL	08/22/25 07:25
Total Recoverable	Analysis	6020B		1	77027	MD	EET ATL	08/22/25 21:52
Total/NA	Prep	7470A			75602	GR	EET ATL	08/18/25 10:33
Total/NA	Analysis	7470A		1	76123	GR	EET ATL	08/18/25 17:33
Total/NA	Analysis	2320B-2011		1	74942	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Lab Chronicle

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38619-1

Client Sample ID: SCH-GWC-6

Date Collected: 07/31/25 11:14
Date Received: 08/01/25 15:30

Lab Sample ID: 705-38619-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74889	MS	EET ATL	08/15/25 02:11
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:32
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:39
Total Recoverable	Prep	3005A			76686	EF	EET ATL	08/22/25 07:25
Total Recoverable	Analysis	6020B		1	77027	MD	EET ATL	08/22/25 21:32
Total/NA	Prep	7470A			75602	GR	EET ATL	08/18/25 10:33
Total/NA	Analysis	7470A		1	76123	GR	EET ATL	08/18/25 17:37
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-74889/118
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/14/25 17:24	1
Fluoride	<0.081		0.20	0.081	mg/L			08/14/25 17:24	1
Sulfate	<0.77		1.0	0.77	mg/L			08/14/25 17:24	1

Lab Sample ID: MB 705-74889/160
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/14/25 23:54	1
Fluoride	<0.081		0.20	0.081	mg/L			08/14/25 23:54	1
Sulfate	<0.77		1.0	0.77	mg/L			08/14/25 23:54	1

Lab Sample ID: LCS 705-74889/119
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.31		mg/L		93	90 - 110
Fluoride	5.00	4.51		mg/L		90	90 - 110
Sulfate	25.0	23.1		mg/L		92	90 - 110

Lab Sample ID: LCS 705-74889/161
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.43		mg/L		94	90 - 110
Fluoride	5.00	4.51		mg/L		90	90 - 110
Sulfate	25.0	23.3		mg/L		93	90 - 110

Lab Sample ID: 680-266165-C-10 MS
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.98		10.0	9.17		mg/L		92	90 - 110
Fluoride	0.091	J F1	5.00	4.63		mg/L		91	90 - 110
Sulfate	<0.77		25.0	22.7		mg/L		91	90 - 110

Lab Sample ID: 680-266165-C-10 MSD
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.98		10.0	9.05		mg/L		91	90 - 110	1	20
Fluoride	0.091	J F1	5.00	4.50	F1	mg/L		88	90 - 110	3	20
Sulfate	<0.77		25.0	22.9		mg/L		91	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-38624-B-2 MS
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.98		10.0	9.48		mg/L		95	90 - 110
Fluoride	0.11	J	5.00	4.64		mg/L		91	90 - 110
Sulfate	<0.77		25.0	23.7		mg/L		95	90 - 110

Lab Sample ID: 705-38624-B-2 MSD
Matrix: Water
Analysis Batch: 74889

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.98		10.0	9.26		mg/L		93	90 - 110	2	20
Fluoride	0.11	J	5.00	4.65		mg/L		91	90 - 110	0	20
Sulfate	<0.77		25.0	23.8		mg/L		95	90 - 110	0	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-74800/1-A
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.110		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 11:18	1
Calcium	<0.038		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 11:18	1

Lab Sample ID: LCS 705-74800/2-A
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.01		mg/L		101	80 - 120
Calcium	10.0	9.78		mg/L		98	80 - 120

Lab Sample ID: 705-39235-E-2-B MS
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.035	J B	1.00	0.988		mg/L		95	75 - 125
Calcium	3.2		10.0	12.9		mg/L		97	75 - 125

Lab Sample ID: 705-39235-E-2-C MSD
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.035	J B	1.00	0.985		mg/L		95	75 - 125	0	20
Calcium	3.2		10.0	12.9		mg/L		97	75 - 125	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 705-75854/1-A
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/19/25 12:15	08/19/25 13:23	1
Calcium	<0.038		0.10	0.038	mg/L		08/19/25 12:15	08/19/25 13:23	1

Lab Sample ID: LCS 705-75854/2-A
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75854

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.102		mg/L		102	80 - 120
Calcium	1.00	0.938		mg/L		94	80 - 120

Lab Sample ID: 705-38619-2 MS
Matrix: Water
Analysis Batch: 75930

Client Sample ID: SCH-GWC-8A
Prep Type: Total/NA
Prep Batch: 75854

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.14	F1	0.200	0.238	F1	mg/L		51	75 - 125
Calcium	38		2.00	39.7	4	mg/L		69	75 - 125

Lab Sample ID: 705-38619-2 MSD
Matrix: Water
Analysis Batch: 75930

Client Sample ID: SCH-GWC-8A
Prep Type: Total/NA
Prep Batch: 75854

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.14	F1	0.200	0.240	F1	mg/L		52	75 - 125	1	20
Calcium	38		2.00	40.3	4	mg/L		97	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-74704/1-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:00	1
Barium	<0.00041		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:00	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:00	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:00	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:00	1
Magnesium	0.0254	J	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:00	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:00	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:00	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:00	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-74704/2-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0975		mg/L		98	80 - 120
Arsenic	0.100	0.0972		mg/L		97	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.100	0.0998		mg/L		100	80 - 120
Cadmium	0.100	0.103		mg/L		103	80 - 120
Chromium	0.100	0.0933		mg/L		93	80 - 120
Cobalt	0.100	0.0963		mg/L		96	80 - 120
Copper	0.100	0.0968		mg/L		97	80 - 120
Lead	0.100	0.0984		mg/L		98	80 - 120
Magnesium	1.00	0.925		mg/L		93	80 - 120
Nickel	0.100	0.0978		mg/L		98	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Silver	0.0100	0.0102		mg/L		102	80 - 120
Thallium	0.100	0.0986		mg/L		99	80 - 120
Vanadium	0.100	0.0928		mg/L		93	80 - 120

Lab Sample ID: 705-38619-1 MS
Matrix: Water
Analysis Batch: 75539

Client Sample ID: SCH-GWC-9
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0968		mg/L		97	75 - 125
Arsenic	<0.0013		0.100	0.0949		mg/L		95	75 - 125
Barium	0.031		0.100	0.130		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.0920		mg/L		92	75 - 125
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125
Chromium	0.0083		0.100	0.0980		mg/L		90	75 - 125
Cobalt	<0.00041		0.100	0.0931		mg/L		93	75 - 125
Copper	0.00069	J	0.100	0.0962		mg/L		96	75 - 125
Lead	<0.00086		0.100	0.0968		mg/L		97	75 - 125
Magnesium	7.8	B	1.00	8.98	4	mg/L		119	75 - 125
Nickel	0.00072	J	0.100	0.0940		mg/L		93	75 - 125
Selenium	<0.0023		0.100	0.0941		mg/L		94	75 - 125
Silver	<0.00017		0.0100	0.0102		mg/L		102	75 - 125
Thallium	<0.00019		0.100	0.0978		mg/L		98	75 - 125
Vanadium	0.018		0.100	0.108		mg/L		90	75 - 125

Lab Sample ID: 705-38619-1 MSD
Matrix: Water
Analysis Batch: 75539

Client Sample ID: SCH-GWC-9
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0979		mg/L		98	75 - 125	1	20
Arsenic	<0.0013		0.100	0.0936		mg/L		94	75 - 125	1	20
Barium	0.031		0.100	0.130		mg/L		98	75 - 125	0	20
Beryllium	<0.00015		0.100	0.0928		mg/L		93	75 - 125	1	20
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125	0	20
Chromium	0.0083		0.100	0.0970		mg/L		89	75 - 125	1	20
Cobalt	<0.00041		0.100	0.0923		mg/L		92	75 - 125	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38619-1 MSD
Matrix: Water
Analysis Batch: 75539

Client Sample ID: SCH-GWC-9
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	0.00069	J	0.100	0.0964		mg/L		96	75 - 125	0	20
Lead	<0.00086		0.100	0.0967		mg/L		97	75 - 125	0	20
Magnesium	7.8	B	1.00	8.99	4	mg/L		120	75 - 125	0	20
Nickel	0.00072	J	0.100	0.0930		mg/L		92	75 - 125	1	20
Selenium	<0.0023		0.100	0.0956		mg/L		96	75 - 125	2	20
Silver	<0.00017		0.0100	0.0100		mg/L		100	75 - 125	2	20
Thallium	<0.00019		0.100	0.0971		mg/L		97	75 - 125	1	20
Vanadium	0.018		0.100	0.106		mg/L		88	75 - 125	2	20

Lab Sample ID: MB 705-75551/1-A
Matrix: Water
Analysis Batch: 76496

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 75551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		08/18/25 11:00	08/20/25 16:15	1
Sodium	<0.25		0.50	0.25	mg/L		08/18/25 11:00	08/20/25 16:15	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/18/25 11:00	08/20/25 16:15	1

Lab Sample ID: LCS 705-75551/2-A
Matrix: Water
Analysis Batch: 76496

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 75551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.00	1.06		mg/L		106	80 - 120
Sodium	1.00	1.04		mg/L		104	80 - 120
Zinc	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: 705-38619-2 MS
Matrix: Water
Analysis Batch: 76496

Client Sample ID: SCH-GWC-8A
Prep Type: Total Recoverable
Prep Batch: 75551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	2.1		1.00	3.09		mg/L		99	75 - 125
Sodium	14		1.00	15.0	4	mg/L		111	75 - 125
Zinc	<0.0089		0.100	0.107		mg/L		107	75 - 125

Lab Sample ID: 705-38619-2 MSD
Matrix: Water
Analysis Batch: 76496

Client Sample ID: SCH-GWC-8A
Prep Type: Total Recoverable
Prep Batch: 75551

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	2.1		1.00	3.05		mg/L		94	75 - 125	2	20
Sodium	14		1.00	14.9	4	mg/L		99	75 - 125	1	20
Zinc	<0.0089		0.100	0.106		mg/L		106	75 - 125	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-76686/1-A
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 21:26	1
Sodium	<0.25		0.50	0.25	mg/L		08/22/25 07:25	08/22/25 21:26	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/22/25 07:25	08/22/25 21:26	1

Lab Sample ID: LCS 705-76686/2-A
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.00	0.946		mg/L		95	80 - 120
Sodium	1.00	0.923		mg/L		92	80 - 120
Zinc	0.100	0.0948		mg/L		95	80 - 120

Lab Sample ID: 705-38619-6 MS
Matrix: Water
Analysis Batch: 77027

Client Sample ID: SCH-GWC-6
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.5		1.00	2.50		mg/L		104	75 - 125
Sodium	8.8		1.00	9.99	4	mg/L		120	75 - 125
Zinc	<0.0089		0.100	0.0936		mg/L		94	75 - 125

Lab Sample ID: 705-38619-6 MSD
Matrix: Water
Analysis Batch: 77027

Client Sample ID: SCH-GWC-6
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	1.5		1.00	2.50		mg/L		104	75 - 125	0	20
Sodium	8.8		1.00	10.1	4	mg/L		132	75 - 125	1	20
Zinc	<0.0089		0.100	0.0951		mg/L		95	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-75307/1-A
Matrix: Water
Analysis Batch: 76474

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75307

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:11	08/15/25 22:10	1

Lab Sample ID: LCS 705-75307/2-A
Matrix: Water
Analysis Batch: 76474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75307

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00374		mg/L		93	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-39572-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 76474 — **Prep Batch: 75307**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00384		mg/L		96	75 - 125

Lab Sample ID: 705-39572-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 76474 — **Prep Batch: 75307**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00352		mg/L		88	75 - 125	9	20

Lab Sample ID: MB 705-75602/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 76123 — **Prep Batch: 75602**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/18/25 10:33	08/18/25 17:13	1

Lab Sample ID: LCS 705-75602/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 76123 — **Prep Batch: 75602**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0400	0.0403		mg/L		101	80 - 120

Lab Sample ID: 705-38619-4 MS — **Client Sample ID: SCH-GWC-14**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 76123 — **Prep Batch: 75602**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.0400	0.0386		mg/L		96	75 - 125

Lab Sample ID: 705-38619-4 MSD — **Client Sample ID: SCH-GWC-14**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 76123 — **Prep Batch: 75602**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.0400	0.0363		mg/L		91	75 - 125	6	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74933/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 74933

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	125		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	125		mg/L		100	90 - 110

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 705-38617-A-1 DU
Matrix: Water
Analysis Batch: 74933

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	77			77.5		mg/L				0.4	30
Bicarbonate Alkalinity as CaCO3	77			77.5		mg/L				0.4	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72675/1
Matrix: Water
Analysis Batch: 72675

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/06/25 15:15	1

Lab Sample ID: LCS 705-72675/2
Matrix: Water
Analysis Batch: 72675

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	960		mg/L		96	80 - 120		

Lab Sample ID: 705-38750-C-1 DU
Matrix: Water
Analysis Batch: 72675

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1500			1420		mg/L				6	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38619-1
Project/Site: GPC Plant Scherer - Cell 1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

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JOB DESCRIPTION

GPC Plant Scherer - Cell 1

JOB NUMBER

705-38621-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38621-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38621-1	SCH-GWC-10	Water	08/01/25 10:15	08/01/25 15:30	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Jacob Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8157	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: GPC Plant Scherer - Cell 1	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38621 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	
SCH-GWC-10	8/1/25	10:15	G	WG			X	X	X	X	X	X	3

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	8/1/25 1537	WSP		8/1/25 1530	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.9 & 3.0 #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38621-1

Login Number: 38621

List Source: Eurofins Atlanta

List Number: 1

Creator: Sims, Christion

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Job ID: 705-38621-1
Project/Site: GPC Plant Scherer - Cell 1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38621-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 8/1/2025 3:30 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.1°C, 2.9°C and 3.0°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 705-73533 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The method blank for preparation batch 705-74800 contained Boron above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-74704 and analytical batch 705-75539 contained Magnesium and Zinc above the method detection limit. This target analyte concentration in the sample was more than ten times the Method Blank concentration or not detected in the sample; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38621-1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 705-38621-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6	F1	1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J F1	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.9		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	19		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.033		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.015		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.00070	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	7.6	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0032	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.011		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	93		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	93		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	150		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWC-10

Date Collected: 08/01/25 10:15
Date Received: 08/01/25 15:30

Lab Sample ID: 705-38621-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.6**	**F1**	1.0	0.98	mg/L			08/08/25 18:49	1
Fluoride	**0.14**	**J F1**	0.20	0.081	mg/L			08/08/25 18:49	1
Sulfate	**2.9**		1.0	0.77	mg/L			08/08/25 18:49	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 12:13	1
Calcium	**19**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:13	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:42	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:42	1
Barium	**0.033**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:42	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:42	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:42	1
Chromium	**0.015**		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:42	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:42	1
Copper	**0.00070**	**J**	0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:42	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:42	1
Magnesium	**7.6**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:42	1
Nickel	**0.0032**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:42	1
Potassium	**1.0**		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 22:23	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:42	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:42	1
Sodium	**8.5**		0.50	0.25	mg/L		08/22/25 07:25	08/22/25 22:23	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:42	1
Vanadium	**0.011**		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:42	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/13/25 20:15	08/15/25 20:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:33	08/15/25 22:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**93**		3.0	3.0	mg/L			08/15/25 10:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**93**		3.0	3.0	mg/L			08/15/25 10:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/15/25 10:06	1
Total Dissolved Solids (SM 2540C - 2015)	**150**		10	10	mg/L			08/06/25 15:15	1

Method Summary

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38621-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: GPC Plant Scherer - Cell 1

Job ID: 705-38621-1

Client Sample ID: SCH-GWC-10
Date Collected: 08/01/25 10:15
Date Received: 08/01/25 15:30

Lab Sample ID: 705-38621-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/08/25 18:49
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:13
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:42
Total Recoverable	Prep	3005A			76686	EF	EET ATL	08/22/25 07:25
Total Recoverable	Analysis	6020B		1	77027	MD	EET ATL	08/22/25 22:23
Total/NA	Prep	7470A			75299	GR	EET ATL	08/15/25 15:33
Total/NA	Analysis	7470A		1	76473	GR	EET ATL	08/15/25 22:06
Total/NA	Analysis	2320B-2011		1	75146	AH	EET ATL	08/15/25 10:06
Total/NA	Analysis	2540C - 2015		1	72675	NN	EET ATL	08/06/25 15:15

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-73533/124
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/08/25 18:27	1
Fluoride	<0.081		0.20	0.081	mg/L			08/08/25 18:27	1
Sulfate	<0.77		1.0	0.77	mg/L			08/08/25 18:27	1

Lab Sample ID: LCS 705-73533/125
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.50		mg/L		95	90 - 110
Fluoride	5.00	4.52		mg/L		90	90 - 110
Sulfate	25.0	23.9		mg/L		95	90 - 110

Lab Sample ID: 705-38621-1 MS
Matrix: Water
Analysis Batch: 73533

Client Sample ID: SCH-GWC-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.6	F1	10.0	15.9	F1	mg/L		123	90 - 110
Fluoride	0.14	J F1	5.00	4.47	F1	mg/L		87	90 - 110
Sulfate	2.9		25.0	27.5		mg/L		98	90 - 110

Lab Sample ID: 705-38621-1 MSD
Matrix: Water
Analysis Batch: 73533

Client Sample ID: SCH-GWC-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.6	F1	10.0	14.4		mg/L		108	90 - 110	10	20
Fluoride	0.14	J F1	5.00	4.50	F1	mg/L		87	90 - 110	1	20
Sulfate	2.9		25.0	28.1		mg/L		101	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-74800/1-A
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.110		0.080	0.026	mg/L		08/14/25 08:24	08/15/25 11:18	1
Calcium	<0.038		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 11:18	1

Lab Sample ID: LCS 705-74800/2-A
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.01		mg/L		101	80 - 120
Calcium	10.0	9.78		mg/L		98	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-39235-E-2-B MS
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.035	J B	1.00	0.988		mg/L		95	75 - 125
Calcium	3.2		10.0	12.9		mg/L		97	75 - 125

Lab Sample ID: 705-39235-E-2-C MSD
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.035	J B	1.00	0.985		mg/L		95	75 - 125	0	20
Calcium	3.2		10.0	12.9		mg/L		97	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-74704/1-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:00	1
Barium	<0.00041		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:00	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:00	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:00	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:00	1
Magnesium	0.0254	J	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:00	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:00	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:00	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:00	1
Zinc	0.0253		0.010	0.0089	mg/L		08/13/25 20:15	08/15/25 20:00	1

Lab Sample ID: LCS 705-74704/2-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0975		mg/L		98	80 - 120
Arsenic	0.100	0.0972		mg/L		97	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.100	0.0998		mg/L		100	80 - 120
Cadmium	0.100	0.103		mg/L		103	80 - 120
Chromium	0.100	0.0933		mg/L		93	80 - 120
Cobalt	0.100	0.0963		mg/L		96	80 - 120
Copper	0.100	0.0968		mg/L		97	80 - 120
Lead	0.100	0.0984		mg/L		98	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-74704/2-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1.00	0.925		mg/L		93	80 - 120
Nickel	0.100	0.0978		mg/L		98	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Silver	0.0100	0.0102		mg/L		102	80 - 120
Thallium	0.100	0.0986		mg/L		99	80 - 120
Vanadium	0.100	0.0928		mg/L		93	80 - 120
Zinc	0.100	0.114		mg/L		114	80 - 120

Lab Sample ID: 705-38619-B-1-B MS
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0968		mg/L		97	75 - 125
Arsenic	<0.0013		0.100	0.0949		mg/L		95	75 - 125
Barium	0.031		0.100	0.130		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.0920		mg/L		92	75 - 125
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125
Chromium	0.0083		0.100	0.0980		mg/L		90	75 - 125
Cobalt	<0.00041		0.100	0.0931		mg/L		93	75 - 125
Copper	0.00069	J	0.100	0.0962		mg/L		96	75 - 125
Lead	<0.00086		0.100	0.0968		mg/L		97	75 - 125
Magnesium	7.8	B	1.00	8.98	4	mg/L		119	75 - 125
Nickel	0.00072	J	0.100	0.0940		mg/L		93	75 - 125
Selenium	<0.0023		0.100	0.0941		mg/L		94	75 - 125
Silver	<0.00017		0.0100	0.0102		mg/L		102	75 - 125
Thallium	<0.00019		0.100	0.0978		mg/L		98	75 - 125
Vanadium	0.018		0.100	0.108		mg/L		90	75 - 125
Zinc	0.015	B	0.100	0.113		mg/L		98	75 - 125

Lab Sample ID: 705-38619-B-1-C MSD
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0979		mg/L		98	75 - 125	1	20
Arsenic	<0.0013		0.100	0.0936		mg/L		94	75 - 125	1	20
Barium	0.031		0.100	0.130		mg/L		98	75 - 125	0	20
Beryllium	<0.00015		0.100	0.0928		mg/L		93	75 - 125	1	20
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125	0	20
Chromium	0.0083		0.100	0.0970		mg/L		89	75 - 125	1	20
Cobalt	<0.00041		0.100	0.0923		mg/L		92	75 - 125	1	20
Copper	0.00069	J	0.100	0.0964		mg/L		96	75 - 125	0	20
Lead	<0.00086		0.100	0.0967		mg/L		97	75 - 125	0	20
Magnesium	7.8	B	1.00	8.99	4	mg/L		120	75 - 125	0	20
Nickel	0.00072	J	0.100	0.0930		mg/L		92	75 - 125	1	20
Selenium	<0.0023		0.100	0.0956		mg/L		96	75 - 125	2	20
Silver	<0.00017		0.0100	0.0100		mg/L		100	75 - 125	2	20
Thallium	<0.00019		0.100	0.0971		mg/L		97	75 - 125	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38619-B-1-C MSD
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vanadium	0.018		0.100	0.106		mg/L		88	75 - 125	2	20
Zinc	0.015	B	0.100	0.108		mg/L		93	75 - 125	5	20

Lab Sample ID: MB 705-76686/1-A
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		08/22/25 07:25	08/22/25 21:26	1
Sodium	<0.25		0.50	0.25	mg/L		08/22/25 07:25	08/22/25 21:26	1

Lab Sample ID: LCS 705-76686/2-A
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.00	0.946		mg/L		95	80 - 120
Sodium	1.00	0.923		mg/L		92	80 - 120

Lab Sample ID: 705-38619-B-6-E MS
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	1.5		1.00	2.50		mg/L		104	75 - 125
Sodium	8.8		1.00	9.99	4	mg/L		120	75 - 125

Lab Sample ID: 705-38619-B-6-F MSD
Matrix: Water
Analysis Batch: 77027

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 76686

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	1.5		1.00	2.50		mg/L		104	75 - 125	0	20
Sodium	8.8		1.00	10.1	4	mg/L		132	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-75299/1-A
Matrix: Water
Analysis Batch: 76473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:33	08/15/25 20:25	1

Lab Sample ID: LCS 705-75299/2-A
Matrix: Water
Analysis Batch: 76473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00380		mg/L		95	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-38251-C-1-D MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 76473 — **Prep Batch: 75299**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00383		mg/L		96	75 - 125		

Lab Sample ID: 705-38251-C-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 76473 — **Prep Batch: 75299**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00367		mg/L		92	75 - 125	4	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-75146/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75146

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	125		mg/L		100	90 - 110		
Bicarbonate Alkalinity as CaCO3			125	125		mg/L		100	90 - 110		

Lab Sample ID: 705-38621-1 DU — **Client Sample ID: SCH-GWC-10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 75146

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	93			93.2		mg/L				0.4	30
Bicarbonate Alkalinity as CaCO3	93			93.2		mg/L				0.4	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72675/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/06/25 15:15	1

Lab Sample ID: LCS 705-72675/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72675

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	960		mg/L		96	80 - 120		

Lab Sample ID: 705-38750-C-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 72675

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1500			1420		mg/L				6	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38621-1
Project/Site: GPC Plant Scherer - Cell 1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/25/2025 8:02:20 AM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

705-37757-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
8/25/2025 8:02:20 AM
Revision 1

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-37757-1	SCH-GWC-30	Water	07/23/25 10:28	07/24/25 10:45	Georgia
705-37757-2	SCH-CELL3-FB-10	Water	07/23/25 10:38	07/24/25 10:45	Georgia
705-37757-3	SCH-GWC-31	Water	07/23/25 11:54	07/24/25 10:45	Georgia
705-37757-4	SCH-GWC-32	Water	07/23/25 14:30	07/24/25 10:45	Georgia
705-37757-5	SCH-GWC-34	Water	07/23/25 15:11	07/24/25 10:45	Georgia
705-37757-6	SCH-CELL3-EB-10	Water	07/23/25 16:00	07/24/25 10:45	Georgia
705-37757-7	SCH-GWC-35	Water	07/23/25 14:17	07/24/25 10:45	Georgia
705-37757-8	SCH-GWC-36	Water	07/23/25 11:18	07/24/25 10:45	Georgia
705-37757-9	SCH-GWC-37	Water	07/23/25 13:05	07/24/25 10:45	Georgia
705-37757-10	SCH-CELL3-FB-9	Water	07/23/25 13:30	07/24/25 10:45	Georgia
705-37757-11	SCH-GWA-41	Water	07/23/25 14:49	07/24/25 10:45	Georgia
705-37757-12	SCH-GWA-42	Water	07/23/25 13:42	07/24/25 10:45	Georgia
705-37757-13	SCH-GWA-43	Water	07/23/25 11:13	07/24/25 10:45	Georgia
705-37757-14	SCH-GWA-39	Water	07/23/25 12:15	07/24/25 10:45	Georgia
705-37757-15	SCH-GWA-54	Water	07/23/25 16:46	07/24/25 10:45	Georgia
705-37757-16	SCH-CELL3-FD-10	Water	07/23/25 00:00	07/24/25 10:45	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Dana Bloomfield	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 404-242-7557	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0010 / PO Line #1			
Project Name: CCR - Plant Scherer - Cell 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: D - HNO3; N - None

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Ag, Cu, Ni, V, Zn	7470A - App IV Mercury	2320B - Total Alkalinity		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228				Total Number of containers	
			Preservation Code:				N	N	D	D	D	N		D	D	D					
SCH-GWC-30	7/23/25	1028	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-FB-10	7/23/25	1038	G	WQ			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-31	7/23/25	1154	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-32	7/23/25	1430	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-34	7/23/25	1511	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-EB-10	7/23/25	1600	G	WQ			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-35	7/23/25	1417	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-36	7/23/25	1118	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-37	7/23/25	1305	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-FB-9	7/23/25	1330	G	WQ			X	X	X	X	X	X		X	X	X				5	
SCH-GWA-41	7/23/25	1449	G	WG			X	X	X	X	X	X		X	X	X				7	extra Rad

705-37757 COC

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level II Data Report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	7/24/25 0825	WSP	Mike Gemmill	7/24/25 0825	Comm Now
Relinquished by: Mike Gemmill	7/24/25 1045	Comm Now		7.24.25 1045	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #2665 3.1 3.2 3.0 4.9 4.4

Ver: 01/16/2019

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Dana Bloomfield	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 404-242-7557	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0010 / PO Line #1			
Project Name: CCR - Plant Scherer - Cell 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Ag, Cu, Ni, V, Zn	7470A - App IV Mercury	2320B - Total Alkalinity		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228				Total Number of containers	
			Preservation Code:				N	N	D	D	D	N		D	D	D					
SCH-GWA-42	7/23/25	1342	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWA-43	7/23/25	1113	G	WG			X	X	X	X	X	X		X	X	X				7	Extra Rad
SCH-GWA-39	7/23/25	1215	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWA-54	7/23/25	1646	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-FD-10	7/23/25	-	G	WG			X	X	X	X	X	X		X	X	X				5	

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level II Data Report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	7/24/25 0825	WSS	MIKE GEMMILL	7/24/25 825	Courier Now
Relinquished by: MIKE GEMMILL	Date/Time: 7/24/25 1045	Company Courier Now	Received by:	Date/Time: 7-24-25 1045	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		d

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-37757-1

Login Number: 37757
List Number: 1
Creator: Tescum, Allyson

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-37757-1 Eurofins Atlanta

Job Narrative
705-37757-1

Revision 1
The report being provided is a revision of the original report sent on 8/14/2025. The report is being revised in order to document the additional metals that were added and reported per the attached email request.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/24/2025 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.0°C, 3.1°C, 3.2°C, 4.4°C and 4.9°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 705-70525 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-71030 and analytical batch 705-71552 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

David Fuller

From: Soo, Yong Cheng <yongcheng.soo@wsp.com>
Sent: Thursday, August 21, 2025 8:00 AM
To: David Fuller; Mcclure, Andrea; Bloomfield, Dana; Herrera-Beltran, Daniela; Prell, Dawn; Laura B Midkiff; Mann, Mark
Subject: RE: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi David,

Could you please add a note in the case narrative to reflect the difference in COC and reported analytes (6020B Na, Mg, and K not listed on COC earlier)?

It would be very helpful if you could include this note. The SDGs that would need the note addition are as follows:

- 705-37757-1
- 705-38043-1
- 705-38152-1

Thank you very much for your help.

Yong Cheng Soo, PE (GA, SC)
Consultant, Water Resources Engineer

T+ 1 770-496-1893
M+ 1 470-217-3772

From: David Fuller <David.Fuller@et.eurofinsus.com>
Sent: Thursday, August 7, 2025 3:22 PM
To: Soo, Yong Cheng <yongcheng.soo@wsp.com>; Mcclure, Andrea <andrea.mcclure@wsp.com>; Bloomfield, Dana <Dana.Bloomfield@wsp.com>; Herrera-Beltran, Daniela <daniela.herrera@wsp.com>; Prell, Dawn <dawn.prell@wsp.com>; Laura B Midkiff <lbmidkif@southernco.com>; Mann, Mark <Mark.Mann@wsp.com>
Subject: RE: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Okay…I've added these and the lab will work on re-processing the batches.

David Fuller
Project Manager

Eurofins Environment Testing Southeast
3080 Presidential Drive • Atlanta,GA • 30340
Mobile: 770-344-8986
E-mail: david.fuller@et.eurofinsus.com
www.EurofinsUS.com • LinkedIn

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companies are independent legal entities that are bound only by acts of members of their respective management bodies. No other persons, legal or natural, have representation power unless specifically authorized by proxy or other legal means.

From: Soo, Yong Cheng <yongcheng.soo@wsp.com>
Sent: Thursday, August 7, 2025 2:27 PM
To: David Fuller <David.Fuller@et.eurofinsus.com>; Mcclure, Andrea <andrea.mcclure@wsp.com>; Bloomfield, Dana <Dana.Bloomfield@wsp.com>; Herrera-Beltran, Daniela <daniela.herrera@wsp.com>; Prell, Dawn <dawn.prell@wsp.com>; Laura B Midkiff <lbmidkif@southernco.com>; Mann, Mark <Mark.Mann@wsp.com>
Subject: RE: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi David,

Could you add 6020B **Na, Mg, and K** for all the samples in SDG 705-37757-1 please? They were not listed on the COC earlier.

I believe you have updated the Boron RL on this report.

Thanks,

Yong Cheng Soo, PE (GA, SC)
Consultant, Water Resources Engineer

T+ 1 770-496-1893
M+ 1 470-217-3772

From: David Fuller <TALS@reports.et.eurofinsus.com>
Sent: Friday, July 25, 2025 6:36 AM
To: Mcclure, Andrea <andrea.mcclure@wsp.com>; Bloomfield, Dana <Dana.Bloomfield@wsp.com>; Herrera-Beltran, Daniela <daniela.herrera@wsp.com>; Prell, Dawn <dawn.prell@wsp.com>; Joju Abraham <JAbraham@southernco.com>; Ben Hodges <johhodge@southernco.com>; Kristen N Jurinko <KNJURINK@SOUTHERNCO.COM>; Laura B Midkiff <lbmidkif@southernco.com>; Mann, Mark <Mark.Mann@wsp.com>; Michael Smilley <MJSMILLE@SOUTHERNCO.COM>; Noelia Ruiz <NSMUSKUS@SOUTHERNCO.COM>; Robert (Trey) Singleton <ROSINGLE@SOUTHERNCO.COM>; Soo, Yong Cheng <yongcheng.soo@wsp.com>
Subject: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Hello,

Attached, please find the Sample Confirmation files for job 705-37757; CCR - Plant Scherer Cell 3

The samples were received on 7/24/2025 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.0°C, 3.1°C, 3.2°C, 4.4°C and 4.9°C.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you.

David Fuller
Project Manager

Eurofins Atlanta
Phone: 770-344-8986

E-mail: David.Fuller@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [705-140846]
Attachments: 3

NOTE: Beginning Monday, February 5 all reports generated and emailed to our customers will be sent from the domain @Reports.ET.EurofinsUS.com. To guarantee the prompt delivery of your results, please add this email domain to the whitelist in your email program's security settings or with your email service provider.

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-LAEmHhHzdJzBlTWfa4Hgs7pbKI

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWC-30 — Lab Sample ID: 705-37757-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.1		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.034		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	9.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.1		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	10		0.50	0.25	mg/L	1		6020B	Total Recoverable
Copper	0.0015	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0011	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Nickel	0.0013	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Thallium	0.00066	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Vanadium	0.0089		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL3-FB-10 — Lab Sample ID: 705-37757-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Molybdenum	0.0019	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Thallium	0.00021	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-GWC-31 — Lab Sample ID: 705-37757-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.27		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.7		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.014		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	6.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.82		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	15		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.013		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWC-32 — Lab Sample ID: 705-37757-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.23		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.8		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.020		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	4.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.42		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.6		0.50	0.25	mg/L	1		6020B	Total Recoverable
Nickel	0.00085	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.0054		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	150		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-34 — Lab Sample ID: 705-37757-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	11		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	6.7		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.50		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Chromium	0.011		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Vanadium	0.0067		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	69		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	69		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	120		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL3-EB-10 — Lab Sample ID: 705-37757-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.095	J	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: SCH-GWC-35 — Lab Sample ID: 705-37757-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	78		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.44		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: SCH-GWC-35 (Continued) — Lab Sample ID: 705-37757-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.026		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	11		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.85		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	27		0.50	0.25	mg/L	1		6020B	Total Recoverable
Nickel	0.00045	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.0065		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	67		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	67		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-36 — Lab Sample ID: 705-37757-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.057		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	8.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.91		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Chromium	0.012		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Nickel	0.0017	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	71		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	71		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-37 — Lab Sample ID: 705-37757-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	13		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.043		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	7.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.69		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Chromium	0.018		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Nickel	0.00055	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWC-37 (Continued) — Lab Sample ID: 705-37757-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.0056		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	82		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	82		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL3-FB-9 — Lab Sample ID: 705-37757-10

No Detections.

Client Sample ID: SCH-GWA-41 — Lab Sample ID: 705-37757-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.9	F1	1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.17	J F1	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.3	F1	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.017		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	5.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.55		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	10		0.50	0.25	mg/L	1		6020B	Total Recoverable
Chromium	0.0040	J	0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.00091	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.0020		0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Lead	0.0036		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Nickel	0.0031	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.0062		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	82		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	82		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	140		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-42 — Lab Sample ID: 705-37757-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.18	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.94	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	20		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.081		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	9.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.1		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	10		0.50	0.25	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWA-42 (Continued) — Lab Sample ID: 705-37757-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.0016	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.0061		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-43 — Lab Sample ID: 705-37757-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.15	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.040		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	10		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020B	Total Recoverable
Cobalt	0.0065		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Nickel	0.0030	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-39 — Lab Sample ID: 705-37757-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.8		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	20		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.035		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	9.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.92		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.8		0.50	0.25	mg/L	1		6020B	Total Recoverable
Chromium	0.0072		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Nickel	0.00070	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Vanadium	0.021		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWA-54 — Lab Sample ID: 705-37757-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.15	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	9.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.12		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	3.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	2.6		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020B	Total Recoverable
Cobalt	0.0019	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0013	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Nickel	0.0011	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL3-FD-10 — Lab Sample ID: 705-37757-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.1		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	9.3		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.11		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	3.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	2.6		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	10		0.50	0.25	mg/L	1		6020B	Total Recoverable
Cobalt	0.0018	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0013	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Nickel	0.0010	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	60		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	60		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	140		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWC-30

Date Collected: 07/23/25 10:28
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.0**		1.0	0.98	mg/L			07/25/25 23:52	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/26/25 21:48	1
Sulfate	**2.1**		1.0	0.77	mg/L			07/25/25 23:52	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 10:42	1
Calcium	**21**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 10:42	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 11:53	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 04:13	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 04:13	1
Barium	**0.034**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 04:13	1
Magnesium	**9.8**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 04:13	1
Potassium	**1.1**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 04:13	1
Sodium	**10**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 13:57	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 18:33	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 04:13	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 04:13	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 04:13	1
Copper	**0.0015**	**J**	0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 04:13	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 04:13	1
Molybdenum	**0.0011**	**J**	0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 04:13	1
Nickel	**0.0013**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 04:13	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 04:13	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 04:13	1
Thallium	**0.00066**	**J**	0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 04:13	1
Vanadium	**0.0089**		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 04:13	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 18:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			07/25/25 09:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			07/25/25 09:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/25/25 09:46	1
Total Dissolved Solids (SM 2540C - 2015)	**170**		10	10	mg/L			07/28/25 15:45	1

Client Sample ID: SCH-CELL3-FB-10

Date Collected: 07/23/25 10:38
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/26/25 00:03	1
Fluoride	<0.081		0.20	0.081	mg/L			07/26/25 00:03	1
Sulfate	<0.77		1.0	0.77	mg/L			07/26/25 00:03	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 10:45	1
Calcium	<0.038		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 10:45	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 11:59	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 04:30	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 04:30	1
Barium	<0.00041		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 04:30	1
Magnesium	<0.016		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 04:30	1
Potassium	<0.044		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 04:30	1
Sodium	<0.25		0.50	0.25	mg/L		07/30/25 05:45	07/31/25 18:43	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 18:43	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 04:30	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 04:30	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 04:30	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 04:30	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 04:30	1
Molybdenum	**0.0019**	**J**	0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 04:30	1
Nickel	<0.00042		0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 04:30	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 04:30	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 04:30	1
Thallium	**0.00021**	**J**	0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 04:30	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 04:30	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 18:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			07/28/25 15:45	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 705-37757-3

Date Collected: 07/23/25 11:54

Matrix: Water

Date Received: 07/24/25 10:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.8**		1.0	0.98	mg/L			07/26/25 21:13	1
Fluoride	**0.27**		0.20	0.081	mg/L			07/26/25 21:13	1
Sulfate	**2.7**		1.0	0.77	mg/L			07/26/25 21:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 10:48	1
Calcium	**15**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 10:48	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 04:34	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 04:34	1
Barium	**0.014**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 04:34	1
Magnesium	**6.9**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 04:34	1
Potassium	**0.82**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 04:34	1
Sodium	**15**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 14:07	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 19:06	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 04:34	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 04:34	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 04:34	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 04:34	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 04:34	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 04:34	1
Nickel	<0.00042		0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 04:34	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 04:34	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 04:34	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 04:34	1
Vanadium	**0.013**		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 04:34	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 19:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**170**		10	10	mg/L			07/28/25 15:45	1

Client Sample ID: SCH-GWC-32

Date Collected: 07/23/25 14:30
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-4

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.7**		1.0	0.98	mg/L			07/27/25 01:11	1
Fluoride	**0.23**		0.20	0.081	mg/L			07/27/25 01:11	1
Sulfate	**2.8**		1.0	0.77	mg/L			07/27/25 01:11	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 10:51	1
Calcium	**14**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 10:51	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:03	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 04:57	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 04:57	1
Barium	**0.020**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 04:57	1
Magnesium	**4.8**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 04:57	1
Potassium	**0.42**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 04:57	1
Sodium	**9.6**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 14:10	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 04:57	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 04:57	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 04:57	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 04:57	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 04:57	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 04:57	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 04:57	1
Nickel	**0.00085**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 04:57	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 04:57	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 04:57	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 04:57	1
Vanadium	**0.0054**		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 04:57	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 04:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**150**		10	10	mg/L			07/28/25 15:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWC-34

Date Collected: 07/23/25 15:11
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-5

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.9**		1.0	0.98	mg/L			07/27/25 01:23	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/27/25 01:23	1
Sulfate	<0.77		1.0	0.77	mg/L			07/27/25 01:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 10:54	1
Calcium	**11**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 10:54	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:05	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:01	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:01	1
Barium	**0.031**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:01	1
Magnesium	**6.7**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:01	1
Potassium	**0.50**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:01	1
Sodium	**5.2**		0.50	0.25	mg/L		07/30/25 05:45	07/31/25 19:13	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 05:01	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:01	1
Chromium	**0.011**		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:01	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:01	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:01	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:01	1
Nickel	<0.00042		0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:01	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:01	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:01	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:01	1
Vanadium	**0.0067**		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:01	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**69**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**69**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**120**		10	10	mg/L			07/28/25 15:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-CELL3-EB-10

Date Collected: 07/23/25 16:00
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-6

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/27/25 02:08	1
Fluoride	**0.095**	**J**	0.20	0.081	mg/L			07/27/25 02:08	1
Sulfate	<0.77		1.0	0.77	mg/L			07/27/25 02:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:02	1
Calcium	<0.038		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:02	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:06	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:04	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:04	1
Barium	<0.00041		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:04	1
Magnesium	<0.016		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:04	1
Potassium	<0.044		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:04	1
Sodium	<0.25		0.50	0.25	mg/L		07/30/25 05:45	07/31/25 19:16	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 05:04	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:04	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:04	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:04	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:04	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:04	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:04	1
Nickel	<0.00042		0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:04	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:04	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:04	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:04	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:04	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			07/28/25 15:45	1

Client Sample ID: SCH-GWC-35

Date Collected: 07/23/25 14:17
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-7

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		1.0	0.98	mg/L			07/27/25 02:19	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			07/27/25 02:19	1
Sulfate	**78**		10	7.7	mg/L			07/29/25 12:50	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.44**		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:05	1
Calcium	**18**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:05	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:08	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:07	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:07	1
Barium	**0.026**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:07	1
Magnesium	**11**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:07	1
Potassium	**0.85**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:07	1
Sodium	**27**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 14:13	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 05:07	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:07	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:07	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:07	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:07	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:07	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:07	1
Nickel	**0.00045**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:07	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:07	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:07	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:07	1
Vanadium	**0.0065**		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:07	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**67**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**67**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**210**		10	10	mg/L			07/28/25 15:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWC-36

Date Collected: 07/23/25 11:18
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-8

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.3**		1.0	0.98	mg/L			07/27/25 02:31	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/27/25 02:31	1
Sulfate	<0.77		1.0	0.77	mg/L			07/27/25 02:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:08	1
Calcium	**12**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:08	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:10	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:11	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:11	1
Barium	**0.057**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:11	1
Magnesium	**8.9**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:11	1
Potassium	**0.91**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:11	1
Sodium	**4.3**		0.50	0.25	mg/L		07/30/25 05:45	07/31/25 19:23	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 05:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:11	1
Chromium	**0.012**		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:11	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:11	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:11	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:11	1
Nickel	**0.0017**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:11	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:11	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:11	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:11	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**71**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**71**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			07/28/25 15:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWC-37

Date Collected: 07/23/25 13:05
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-9

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.9**		1.0	0.98	mg/L			07/27/25 02:42	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/27/25 02:42	1
Sulfate	<0.77		1.0	0.77	mg/L			07/27/25 02:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:10	1
Calcium	**13**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:10	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:14	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:14	1
Barium	**0.043**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:14	1
Magnesium	**7.8**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:14	1
Potassium	**0.69**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:14	1
Sodium	**6.1**		0.50	0.25	mg/L		07/30/25 05:45	07/31/25 19:27	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 05:14	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:14	1
Chromium	**0.018**		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:14	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:14	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:14	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:14	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:14	1
Nickel	**0.00055**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:14	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:14	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:14	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:14	1
Vanadium	**0.0056**		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:14	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**82**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**82**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			07/28/25 15:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-CELL3-FB-9

Date Collected: 07/23/25 13:30
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-10

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/27/25 02:53	1
Fluoride	<0.081		0.20	0.081	mg/L			07/27/25 02:53	1
Sulfate	<0.77		1.0	0.77	mg/L			07/27/25 02:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:13	1
Calcium	<0.038		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:13	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:14	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:18	1
Barium	<0.00041		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:18	1
Magnesium	<0.016		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:18	1
Potassium	<0.044		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:18	1
Sodium	<0.25		0.50	0.25	mg/L		07/30/25 05:45	07/31/25 19:30	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 05:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:18	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:18	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:18	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:18	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:18	1
Nickel	<0.00042		0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:18	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:18	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:18	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:18	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			07/28/25 15:45	1

Client Sample ID: SCH-GWA-41

Date Collected: 07/23/25 14:49
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-11

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.9**	**F1**	1.0	0.98	mg/L			07/27/25 04:02	1
Fluoride	**0.17**	**J F1**	0.20	0.081	mg/L			07/27/25 04:02	1
Sulfate	**1.3**	**F1**	1.0	0.77	mg/L			07/27/25 04:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:16	1
Calcium	**14**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:16	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:21	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:21	1
Barium	**0.017**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:21	1
Magnesium	**5.9**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:21	1
Potassium	**0.55**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:21	1
Sodium	**10**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 14:17	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 05:21	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:21	1
Chromium	**0.0040**	**J**	0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:21	1
Cobalt	**0.00091**	**J**	0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:21	1
Copper	**0.0020**		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:21	1
Lead	**0.0036**		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:21	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:21	1
Nickel	**0.0031**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:21	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:21	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:21	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:21	1
Vanadium	**0.0062**		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:21	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**82**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**82**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**140**		10	10	mg/L			07/28/25 15:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWA-42

Date Collected: 07/23/25 13:42
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-12

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.9**		1.0	0.98	mg/L			07/27/25 04:36	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			07/27/25 04:36	1
Sulfate	**0.94**	**J**	1.0	0.77	mg/L			07/27/25 04:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:19	1
Calcium	**20**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:19	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:24	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:24	1
Barium	**0.081**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:24	1
Magnesium	**9.5**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:24	1
Potassium	**1.1**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:24	1
Sodium	**10**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 14:20	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 05:24	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:24	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:24	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:24	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:24	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:24	1
Nickel	**0.0016**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:24	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:24	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:24	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:24	1
Vanadium	**0.0061**		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:24	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 13:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**190**		10	10	mg/L			07/28/25 15:45	1

Client Sample ID: SCH-GWA-43

Date Collected: 07/23/25 11:13
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-13

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.4**		1.0	0.98	mg/L			07/27/25 04:48	1
Fluoride	**0.15**	**J**	0.20	0.081	mg/L			07/27/25 04:48	1
Sulfate	**3.0**		1.0	0.77	mg/L			07/27/25 04:48	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:22	1
Calcium	**21**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:22	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:24	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:28	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:28	1
Barium	**0.040**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:28	1
Magnesium	**10**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:28	1
Potassium	**1.0**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:28	1
Sodium	**11**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 14:24	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 05:28	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:28	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:28	1
Cobalt	**0.0065**		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:28	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:28	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:28	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:28	1
Nickel	**0.0030**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:28	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:28	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:28	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:28	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 15:40	08/07/25 17:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**190**		10	10	mg/L			07/28/25 15:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWA-39

Date Collected: 07/23/25 12:15
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-14

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.7**		1.0	0.98	mg/L			07/27/25 04:59	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/27/25 04:59	1
Sulfate	**1.8**		1.0	0.77	mg/L			07/27/25 04:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:25	1
Calcium	**20**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:25	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:25	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:51	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:51	1
Barium	**0.035**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:51	1
Magnesium	**9.3**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:51	1
Potassium	**0.92**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:51	1
Sodium	**5.8**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 14:27	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 20:04	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:51	1
Chromium	**0.0072**		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:51	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:51	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:51	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:51	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:51	1
Nickel	**0.00070**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:51	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:51	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:51	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:51	1
Vanadium	**0.021**		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:51	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 14:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**110**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**110**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			07/28/25 15:45	1

Client Sample ID: SCH-GWA-54

Date Collected: 07/23/25 16:46
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-15

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.5**		1.0	0.98	mg/L			07/27/25 05:10	1
Fluoride	**0.15**	**J**	0.20	0.081	mg/L			07/27/25 05:10	1
Sulfate	**3.0**		1.0	0.77	mg/L			07/27/25 05:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:27	1
Calcium	**9.1**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:27	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:27	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:55	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:55	1
Barium	**0.12**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:55	1
Magnesium	**3.1**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:55	1
Potassium	**2.6**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:55	1
Sodium	**11**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 14:50	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 20:07	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:55	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:55	1
Cobalt	**0.0019**	**J**	0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:55	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:55	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:55	1
Molybdenum	**0.0013**	**J**	0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:55	1
Nickel	**0.0011**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:55	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:55	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:55	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:55	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:55	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			07/28/25 09:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			07/28/25 09:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/28/25 09:20	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			07/28/25 15:45	1

Client Sample ID: SCH-CELL3-FD-10

Date Collected: 07/23/25 00:00
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-16

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**		1.0	0.98	mg/L			07/27/25 05:22	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			07/27/25 05:22	1
Sulfate	**3.1**		1.0	0.77	mg/L			07/27/25 05:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 11:37	1
Calcium	**9.3**		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 11:37	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 12:29	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 05:58	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 05:58	1
Barium	**0.11**		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 05:58	1
Magnesium	**3.0**		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 05:58	1
Potassium	**2.6**		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 05:58	1
Sodium	**10**		0.50	0.25	mg/L		07/30/25 05:45	08/12/25 14:54	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 20:10	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 05:58	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 05:58	1
Cobalt	**0.0018**	**J**	0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 05:58	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 05:58	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 05:58	1
Molybdenum	**0.0013**	**J**	0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 05:58	1
Nickel	**0.0010**	**J**	0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 05:58	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 05:58	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 05:58	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 05:58	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 05:58	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 05:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 14:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**60**		3.0	3.0	mg/L			07/30/25 11:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**60**		3.0	3.0	mg/L			07/30/25 11:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			07/30/25 11:11	1
Total Dissolved Solids (SM 2540C - 2015)	**140**		10	10	mg/L			07/28/25 14:15	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWC-30

Lab Sample ID: 705-37757-1

Date Collected: 07/23/25 10:28

Matrix: Water

Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70294	MS	EET ATL	07/25/25 23:52
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/26/25 21:48
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 10:42
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 11:53
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 04:13
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 18:33
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 13:57
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 12:53
Total/NA	Analysis	2320B-2011		1	70299	AH	EET ATL	07/25/25 09:46
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 705-37757-2

Date Collected: 07/23/25 10:38

Matrix: Water

Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70294	MS	EET ATL	07/26/25 00:03
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 10:45
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 11:59
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 04:30
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 18:43
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:05
Total/NA	Analysis	2320B-2011		1	70789	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWC-31

Lab Sample ID: 705-37757-3

Date Collected: 07/23/25 11:54

Matrix: Water

Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/26/25 21:13
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 10:48

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWC-31

Date Collected: 07/23/25 11:54
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:01
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 04:34
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 19:06
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 14:07
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:09
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWC-32

Date Collected: 07/23/25 14:30
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 01:11
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 10:51
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:03
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 04:57
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 14:10
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:13
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWC-34

Date Collected: 07/23/25 15:11
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 01:23
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 10:54
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:05
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:01

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWC-34
Date Collected: 07/23/25 15:11
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 19:13
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:17
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-CELL3-EB-10
Date Collected: 07/23/25 16:00
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 02:08
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:02
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:06
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:04
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 19:16
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:21
Total/NA	Analysis	2320B-2011		1	70789	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWC-35
Date Collected: 07/23/25 14:17
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 02:19
Total/NA	Analysis	300.0		10	71033	MS	EET ATL	07/29/25 12:50
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:05
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:08
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:07
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 14:13
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:37
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWC-35
Date Collected: 07/23/25 14:17
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWC-36
Date Collected: 07/23/25 11:18
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 02:31
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:08
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:10
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:11
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 19:23
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:41
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWC-37
Date Collected: 07/23/25 13:05
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 02:42
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:10
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:12
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:14
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 19:27
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:45
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 705-37757-10

Date Collected: 07/23/25 13:30
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 02:53
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:13
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:14
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:18
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 19:30
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:49
Total/NA	Analysis	2320B-2011		1	70789	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWA-41

Lab Sample ID: 705-37757-11

Date Collected: 07/23/25 14:49
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 04:02
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:16
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:16
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:21
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 14:17
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:53
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWA-42

Lab Sample ID: 705-37757-12

Date Collected: 07/23/25 13:42
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 04:36
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:19
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:22

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWA-42

Date Collected: 07/23/25 13:42
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:24
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 14:20
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 13:57
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWA-43

Date Collected: 07/23/25 11:13
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 04:48
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:22
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:24
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:28
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 14:24
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 15:40
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 17:13
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWA-39

Date Collected: 07/23/25 12:15
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 04:59
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:25
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:25
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:51
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 20:04
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 14:27

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-GWA-39
Date Collected: 07/23/25 12:15
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 14:05
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-GWA-54
Date Collected: 07/23/25 16:46
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 05:10
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:27
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:27
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:55
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 20:07
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 14:50
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 14:08
Total/NA	Analysis	2320B-2011		1	70681	AH	EET ATL	07/28/25 09:20
Total/NA	Analysis	2540C - 2015		1	70804	NN	EET ATL	07/28/25 15:45

Client Sample ID: SCH-CELL3-FD-10
Date Collected: 07/23/25 00:00
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	70525	MS	EET ATL	07/27/25 05:22
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72980	DAB	EET ATL	08/05/25 11:37
Total/NA	Prep	3010A			71823	AA	EET ATL	08/01/25 11:01
Total/NA	Analysis	6010D		1	72885	DS	EET ATL	08/06/25 12:29
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71552	MD	EET ATL	07/31/25 05:58
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	71778	MD	EET ATL	07/31/25 20:10
Total Recoverable	Prep	3005A			71030	BR	EET ATL	07/30/25 05:45
Total Recoverable	Analysis	6020B		1	74388	IF	EET ATL	08/12/25 14:54
Total/NA	Prep	7470A			73110	GR	EET ATL	08/07/25 09:27
Total/NA	Analysis	7470A		1	73315	GR	EET ATL	08/07/25 14:12

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-1

Client Sample ID: SCH-CELL3-FD-10

Date Collected: 07/23/25 00:00
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	71280	AH	EET ATL	07/30/25 11:11
Total/NA	Analysis	2540C - 2015		1	70795	NN	EET ATL	07/28/25 14:15

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-70294/108
Matrix: Water
Analysis Batch: 70294

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/25/25 18:34	1
Fluoride	<0.081		0.20	0.081	mg/L			07/25/25 18:34	1
Sulfate	<0.77		1.0	0.77	mg/L			07/25/25 18:34	1

Lab Sample ID: LCS 705-70294/109
Matrix: Water
Analysis Batch: 70294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Fluoride	5.00	4.95		mg/L		99	90 - 110
Sulfate	25.0	26.5		mg/L		106	90 - 110

Lab Sample ID: 705-37918-I-11 MS
Matrix: Water
Analysis Batch: 70294

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	9.2		10.0	18.6		mg/L		95	90 - 110
Sulfate	1.8		25.0	26.4		mg/L		99	90 - 110

Lab Sample ID: 705-37918-I-11 MSD
Matrix: Water
Analysis Batch: 70294

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.2		10.0	18.9		mg/L		98	90 - 110	2	20
Sulfate	1.8		25.0	26.9		mg/L		101	90 - 110	2	20

Lab Sample ID: MB 705-70525/100
Matrix: Water
Analysis Batch: 70525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/27/25 03:39	1
Fluoride	<0.081		0.20	0.081	mg/L			07/27/25 03:39	1
Sulfate	<0.77		1.0	0.77	mg/L			07/27/25 03:39	1

Lab Sample ID: MB 705-70525/1002
Matrix: Water
Analysis Batch: 70525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/26/25 21:01	1
Fluoride	<0.081		0.20	0.081	mg/L			07/26/25 21:01	1
Sulfate	<0.77		1.0	0.77	mg/L			07/26/25 21:01	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-70525/1001
Matrix: Water
Analysis Batch: 70525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.59		mg/L		96	90 - 110		
Fluoride			5.00	5.02		mg/L		100	90 - 110		
Sulfate			25.0	25.2		mg/L		101	90 - 110		

Lab Sample ID: LCS 705-70525/101
Matrix: Water
Analysis Batch: 70525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.1		mg/L		101	90 - 110		
Fluoride			5.00	5.13		mg/L		103	90 - 110		
Sulfate			25.0	26.0		mg/L		104	90 - 110		

Lab Sample ID: 705-37757-3 MS
Matrix: Water
Analysis Batch: 70525

Client Sample ID: SCH-GWC-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3.8		10.0	13.8		mg/L		101	90 - 110		
Fluoride	0.27		5.00	5.11		mg/L		97	90 - 110		
Sulfate	2.7		25.0	28.4		mg/L		103	90 - 110		

Lab Sample ID: 705-37757-3 MSD
Matrix: Water
Analysis Batch: 70525

Client Sample ID: SCH-GWC-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.8		10.0	13.9		mg/L		101	90 - 110	0	20
Fluoride	0.27		5.00	5.14		mg/L		98	90 - 110	1	20
Sulfate	2.7		25.0	28.9		mg/L		105	90 - 110	2	20

Lab Sample ID: 705-37757-11 MS
Matrix: Water
Analysis Batch: 70525

Client Sample ID: SCH-GWA-41
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3.9	F1	10.0	13.6		mg/L		97	90 - 110		
Fluoride	0.17	J F1	5.00	5.17		mg/L		100	90 - 110		
Sulfate	1.3	F1	25.0	26.1		mg/L		99	90 - 110		

Lab Sample ID: 705-37757-11 MSD
Matrix: Water
Analysis Batch: 70525

Client Sample ID: SCH-GWA-41
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.9	F1	10.0	12.6	F1	mg/L		87	90 - 110	8	20
Fluoride	0.17	J F1	5.00	4.64	F1	mg/L		89	90 - 110	11	20
Sulfate	1.3	F1	25.0	23.3	F1	mg/L		88	90 - 110	11	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-71033/54
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/29/25 11:15	1
Fluoride	<0.081		0.20	0.081	mg/L			07/29/25 11:15	1
Sulfate	<0.77		1.0	0.77	mg/L			07/29/25 11:15	1

Lab Sample ID: LCS 705-71033/55
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.0		mg/L		100	90 - 110
Fluoride	5.00	5.01		mg/L		100	90 - 110
Sulfate	25.0	26.0		mg/L		104	90 - 110

Lab Sample ID: 705-38094-A-9 MS
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49		100	151		mg/L		102	90 - 110
Fluoride	2.1		50.0	51.5		mg/L		99	90 - 110
Sulfate	260		250	495		mg/L		95	90 - 110

Lab Sample ID: 705-38094-A-9 MSD
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	49		100	143		mg/L		95	90 - 110	5	20
Fluoride	2.1		50.0	48.7		mg/L		93	90 - 110	5	20
Sulfate	260		250	486		mg/L		91	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-71823/1-A
Matrix: Water
Analysis Batch: 72980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71823

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/01/25 11:01	08/05/25 17:33	1
Calcium	<0.038		0.10	0.038	mg/L		08/01/25 11:01	08/05/25 17:33	1

Lab Sample ID: MB 705-71823/1-A
Matrix: Water
Analysis Batch: 72885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71823

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/01/25 11:01	08/06/25 11:36	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-71823/2-A
Matrix: Water
Analysis Batch: 72980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71823

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.15		mg/L		115	80 - 120
Calcium	10.0	9.68		mg/L		97	80 - 120

Lab Sample ID: LCS 705-71823/2-A
Matrix: Water
Analysis Batch: 72885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71823

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.20		mg/L		120	80 - 120

Lab Sample ID: 705-38200-I-6-B MS
Matrix: Water
Analysis Batch: 72980

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71823

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.02		mg/L		102	75 - 125
Calcium	2.7		10.0	12.4		mg/L		98	75 - 125

Lab Sample ID: 705-38200-I-6-B MS
Matrix: Water
Analysis Batch: 72885

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71823

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.22		mg/L		122	75 - 125

Lab Sample ID: 705-38200-I-6-C MSD
Matrix: Water
Analysis Batch: 72980

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71823

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.02		mg/L		102	75 - 125	1	20
Calcium	2.7		10.0	12.4		mg/L		97	75 - 125	0	20

Lab Sample ID: 705-38200-I-6-C MSD
Matrix: Water
Analysis Batch: 72885

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71823

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.22		mg/L		122	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-71030/1-A
Matrix: Water
Analysis Batch: 71552

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		07/30/25 05:45	07/31/25 04:07	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		07/30/25 05:45	07/31/25 04:07	1
Barium	<0.00041		0.010	0.00041	mg/L		07/30/25 05:45	07/31/25 04:07	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-71030/1-A
Matrix: Water
Analysis Batch: 71552

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.016		0.10	0.016	mg/L		07/30/25 05:45	07/31/25 04:07	1
Potassium	<0.044		0.10	0.044	mg/L		07/30/25 05:45	07/31/25 04:07	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		07/30/25 05:45	07/31/25 04:07	1
Chromium	<0.0037		0.0050	0.0037	mg/L		07/30/25 05:45	07/31/25 04:07	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		07/30/25 05:45	07/31/25 04:07	1
Copper	<0.00064		0.0020	0.00064	mg/L		07/30/25 05:45	07/31/25 04:07	1
Lead	<0.00086		0.0010	0.00086	mg/L		07/30/25 05:45	07/31/25 04:07	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		07/30/25 05:45	07/31/25 04:07	1
Nickel	<0.00042		0.0050	0.00042	mg/L		07/30/25 05:45	07/31/25 04:07	1
Selenium	<0.0023		0.0050	0.0023	mg/L		07/30/25 05:45	07/31/25 04:07	1
Silver	<0.00017		0.0010	0.00017	mg/L		07/30/25 05:45	07/31/25 04:07	1
Thallium	<0.00019		0.0010	0.00019	mg/L		07/30/25 05:45	07/31/25 04:07	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		07/30/25 05:45	07/31/25 04:07	1

Lab Sample ID: MB 705-71030/1-A
Matrix: Water
Analysis Batch: 71778

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.25		0.50	0.25	mg/L		07/30/25 05:45	07/31/25 18:26	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		07/30/25 05:45	07/31/25 18:26	1
Zinc	<0.0089		0.010	0.0089	mg/L		07/30/25 05:45	07/31/25 18:26	1

Lab Sample ID: LCS 705-71030/2-A
Matrix: Water
Analysis Batch: 71552

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0944		mg/L		94	80 - 120
Arsenic	0.100	0.0893		mg/L		89	80 - 120
Barium	0.100	0.0984		mg/L		98	80 - 120
Magnesium	1.00	0.897		mg/L		90	80 - 120
Potassium	1.00	0.890		mg/L		89	80 - 120
Cadmium	0.100	0.0889		mg/L		89	80 - 120
Chromium	0.100	0.0855		mg/L		86	80 - 120
Cobalt	0.100	0.0873		mg/L		87	80 - 120
Copper	0.100	0.0887		mg/L		89	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120
Molybdenum	0.100	0.0903		mg/L		90	80 - 120
Nickel	0.100	0.0876		mg/L		88	80 - 120
Selenium	0.100	0.0841		mg/L		84	80 - 120
Silver	0.0100	0.00978		mg/L		98	80 - 120
Thallium	0.100	0.0915		mg/L		92	80 - 120
Vanadium	0.100	0.0855		mg/L		85	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-71030/2-A
Matrix: Water
Analysis Batch: 71778

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sodium			1.00	0.986		mg/L		99	80 - 120		
Beryllium			0.100	0.0909		mg/L		91	80 - 120		
Zinc			0.100	0.102		mg/L		102	80 - 120		

Lab Sample ID: 705-37757-1 MS
Matrix: Water
Analysis Batch: 71552

Client Sample ID: SCH-GWC-30
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.0025		0.100	0.0919		mg/L		92	75 - 125		
Arsenic	<0.0013		0.100	0.0895		mg/L		89	75 - 125		
Barium	0.034		0.100	0.128		mg/L		94	75 - 125		
Magnesium	9.8		1.00	9.74	4	mg/L		-8	75 - 125		
Potassium	1.1		1.00	1.79	F1	mg/L		70	75 - 125		
Cadmium	<0.00024		0.100	0.0855		mg/L		85	75 - 125		
Chromium	<0.0037		0.100	0.0877		mg/L		88	75 - 125		
Cobalt	<0.00041		0.100	0.0840		mg/L		84	75 - 125		
Copper	0.0015	J	0.100	0.0849		mg/L		83	75 - 125		
Lead	<0.00086		0.100	0.0935		mg/L		93	75 - 125		
Molybdenum	0.0011	J	0.100	0.0900		mg/L		89	75 - 125		
Nickel	0.0013	J	0.100	0.0842		mg/L		83	75 - 125		
Selenium	<0.0023		0.100	0.0829		mg/L		83	75 - 125		
Silver	<0.00017		0.0100	0.00944		mg/L		94	75 - 125		
Thallium	0.00066	J	0.100	0.0867		mg/L		86	75 - 125		
Vanadium	0.0089		0.100	0.0938		mg/L		85	75 - 125		

Lab Sample ID: 705-37757-1 MS
Matrix: Water
Analysis Batch: 71778

Client Sample ID: SCH-GWC-30
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sodium	11		1.00	11.9	4	mg/L		90	75 - 125		
Beryllium	<0.00015		0.100	0.0895		mg/L		90	75 - 125		
Zinc	<0.0089		0.100	0.104		mg/L		104	75 - 125		

Lab Sample ID: 705-37757-1 MSD
Matrix: Water
Analysis Batch: 71552

Client Sample ID: SCH-GWC-30
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0936		mg/L		94	75 - 125	2	20
Arsenic	<0.0013		0.100	0.0858		mg/L		86	75 - 125	4	20
Barium	0.035		0.100	0.129		mg/L		93	75 - 125	0	20
Magnesium	9.1		1.00	9.98	4	mg/L		84	75 - 125	2	20
Potassium	1.1		1.00	1.83	F1	mg/L		73	75 - 125	2	20
Cadmium	<0.00024		0.100	0.0885		mg/L		88	75 - 125	3	20
Chromium	0.0039	J	0.100	0.0870		mg/L		83	75 - 125	1	20
Cobalt	<0.00041		0.100	0.0843		mg/L		84	75 - 125	0	20
Copper	0.0017	J	0.100	0.0863		mg/L		85	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-37757-1 MSD
Matrix: Water
Analysis Batch: 71552

Client Sample ID: SCH-GWC-30
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	<0.00086	^-	0.100	0.0968		mg/L		97	75 - 125	4	20
Molybdenum	0.00095	J ^1+	0.100	0.0906		mg/L		90	75 - 125	1	20
Nickel	0.0016	J	0.100	0.0837		mg/L		82	75 - 125	1	20
Selenium	<0.0023		0.100	0.0827		mg/L		83	75 - 125	0	20
Silver	<0.00017		0.0100	0.00957		mg/L		96	75 - 125	1	20
Thallium	0.00058	J ^- *-	0.100	0.0891		mg/L		89	75 - 125	3	20
Vanadium	0.012		0.100	0.0937		mg/L		82	75 - 125	0	20

Lab Sample ID: 705-37757-1 MSD
Matrix: Water
Analysis Batch: 71778

Client Sample ID: SCH-GWC-30
Prep Type: Total Recoverable
Prep Batch: 71030

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	11		1.00	11.7	4	mg/L		72	75 - 125	2	20
Beryllium	<0.00015		0.100	0.0906		mg/L		91	75 - 125	1	20
Zinc	<0.0089		0.100	0.117		mg/L		117	75 - 125	12	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-73110/1-A
Matrix: Water
Analysis Batch: 73315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73110

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/07/25 09:27	08/07/25 12:45	1

Lab Sample ID: LCS 705-73110/2-A
Matrix: Water
Analysis Batch: 73315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73110

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00407		mg/L		102	80 - 120		

Lab Sample ID: 705-37757-1 MS
Matrix: Water
Analysis Batch: 73315

Client Sample ID: SCH-GWC-30
Prep Type: Total/NA
Prep Batch: 73110

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00400		mg/L		100	75 - 125		

Lab Sample ID: 705-37757-1 MSD
Matrix: Water
Analysis Batch: 73315

Client Sample ID: SCH-GWC-30
Prep Type: Total/NA
Prep Batch: 73110

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00399		mg/L		100	75 - 125	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-70299/1
Matrix: Water
Analysis Batch: 70299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	125		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	125		mg/L		100	90 - 110

Lab Sample ID: 705-37679-D-1 DU
Matrix: Water
Analysis Batch: 70299

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	26		23.4		mg/L		9	30
Bicarbonate Alkalinity as CaCO3	26		23.4		mg/L		9	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Lab Sample ID: LCS 705-70681/1
Matrix: Water
Analysis Batch: 70681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	126		mg/L		101	90 - 110
Bicarbonate Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Lab Sample ID: 674-14292-D-1 DU
Matrix: Water
Analysis Batch: 70681

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	66		66.6		mg/L		0.8	30
Bicarbonate Alkalinity as CaCO3	66		66.6		mg/L		0.8	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Lab Sample ID: LCS 705-71280/1
Matrix: Water
Analysis Batch: 71280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	123		mg/L		98	90 - 110
Bicarbonate Alkalinity as CaCO3	125	123		mg/L		98	90 - 110

Lab Sample ID: 705-37757-16 DU
Matrix: Water
Analysis Batch: 71280

Client Sample ID: SCH-CELL3-FD-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	60		59.9		mg/L		0.6	30
Bicarbonate Alkalinity as CaCO3	60		59.9		mg/L		0.6	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-70795/1
Matrix: Water
Analysis Batch: 70795

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/28/25 14:15	1

Lab Sample ID: LCS 705-70795/2
Matrix: Water
Analysis Batch: 70795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1030		mg/L		104	80 - 120		

Lab Sample ID: 705-37645-M-5 DU
Matrix: Water
Analysis Batch: 70795

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2000			2000		mg/L				1	10

Lab Sample ID: MB 705-70804/1
Matrix: Water
Analysis Batch: 70804

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/28/25 15:45	1

Lab Sample ID: LCS 705-70804/2
Matrix: Water
Analysis Batch: 70804

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1020		mg/L		102	80 - 120		

Lab Sample ID: 705-37927-A-1 DU
Matrix: Water
Analysis Batch: 70804

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	350			348		mg/L				0	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-37757-1
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/25/2025 8:18:16 AM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

705-38043-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Revision 1

Authorized for release by
David Fuller, Project Manager
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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38043-1	SCH-GWA-40	Water	07/24/25 10:31	07/25/25 15:31	Georgia
705-38043-2	SCH-GWC-38	Water	07/24/25 12:31	07/25/25 15:31	Georgia
705-38043-3	SCH-GWC-33A	Water	07/24/25 14:07	07/25/25 15:31	Georgia
705-38043-4	SCH-CELL3-FD-9	Water	07/24/25 00:00	07/25/25 15:31	Georgia
705-38043-5	SCH-CELL3-EB-9	Water	07/24/25 10:45	07/25/25 15:31	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jake Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0010 / PO Line #1			
Project Name: CCR - Plant Scherer - Cell 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38043 COC

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Ag, Cu, Ni, V, Zn	7470A - App IV Mercury	2320B - Total Alkalinity		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228				Total Number of containers	
			Preservation Code:				N	N	D	D	D	N		D	D	D					
SCH-GWA-40	7/24/25	10:31	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-38	7/24/25	12:31	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-33A	7/24/25	14:07	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-FD-9	7/24/25	-	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-EB-9	7/24/25	10:45	G	WQ			X	X	X	X	X	X		X	X	X				5	

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II) III, IV, Other (specify) level II data report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 7/25/25 1309	Company WSP	Received by: Miranda Lovear	Date/Time: 7/25/25 1:10pm	Company CNOM
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 07/25/25 1531	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.3/3.3

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38043-1

Login Number: 38043
List Number: 1
Creator: Hartley, Tyler

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38043-1 — Eurofins Atlanta

Job Narrative
705-38043-1

Revision 1
The report being provided is a revision of the original report sent on 8/14/2025. The report is being revised in order to document the additional metals that were added and reported per the attached email request.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/25/2025 3:31 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 and analytical batch 705-73109 contained Nickel and Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 contained Zinc above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: MS/MSD flagging due to hit being 4x the spike amount. Recoveries within control limits and no qualification is necessary (705-38046-B-1-B MS) and (705-38046-B-1-C MSD)

Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 and analytical batch 705-74715 contained Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

David Fuller

From: Soo, Yong Cheng <yongcheng.soo@wsp.com>
Sent: Thursday, August 21, 2025 8:00 AM
To: David Fuller; Mcclure, Andrea; Bloomfield, Dana; Herrera-Beltran, Daniela; Prell, Dawn; Laura B Midkiff; Mann, Mark
Subject: RE: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi David,

Could you please add a note in the case narrative to reflect the difference in COC and reported analytes (6020B Na, Mg, and K not listed on COC earlier)?

It would be very helpful if you could include this note. The SDGs that would need the note addition are as follows:

- 705-37757-1
- 705-38043-1
- 705-38152-1

Thank you very much for your help.

Yong Cheng Soo, PE (GA, SC)
Consultant, Water Resources Engineer

T+ 1 770-496-1893
M+ 1 470-217-3772

From: David Fuller <David.Fuller@et.eurofinsus.com>
Sent: Thursday, August 7, 2025 3:22 PM
To: Soo, Yong Cheng <yongcheng.soo@wsp.com>; Mcclure, Andrea <andrea.mcclure@wsp.com>; Bloomfield, Dana <Dana.Bloomfield@wsp.com>; Herrera-Beltran, Daniela <daniela.herrera@wsp.com>; Prell, Dawn <dawn.prell@wsp.com>; Laura B Midkiff <lbmidkif@southernco.com>; Mann, Mark <Mark.Mann@wsp.com>
Subject: RE: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Okay…I've added these and the lab will work on re-processing the batches.

David Fuller
Project Manager

Eurofins Environment Testing Southeast
3080 Presidential Drive • Atlanta,GA • 30340
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From: Soo, Yong Cheng <yongcheng.soo@wsp.com>
Sent: Thursday, August 7, 2025 2:27 PM
To: David Fuller <David.Fuller@et.eurofinsus.com>; Mcclure, Andrea <andrea.mcclure@wsp.com>; Bloomfield, Dana <Dana.Bloomfield@wsp.com>; Herrera-Beltran, Daniela <daniela.herrera@wsp.com>; Prell, Dawn <dawn.prell@wsp.com>; Laura B Midkiff <lbmidkif@southernco.com>; Mann, Mark <Mark.Mann@wsp.com>
Subject: RE: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi David,

Could you add 6020B **Na, Mg, and K** for all the samples in SDG 705-37757-1 please? They were not listed on the COC earlier.

I believe you have updated the Boron RL on this report.

Thanks,

Yong Cheng Soo, PE (GA, SC)
Consultant, Water Resources Engineer

T+ 1 770-496-1893
M+ 1 470-217-3772

From: David Fuller <TALS@reports.et.eurofinsus.com>
Sent: Friday, July 25, 2025 6:36 AM
To: Mcclure, Andrea <andrea.mcclure@wsp.com>; Bloomfield, Dana <Dana.Bloomfield@wsp.com>; Herrera-Beltran, Daniela <daniela.herrera@wsp.com>; Prell, Dawn <dawn.prell@wsp.com>; Joju Abraham <JAbraham@southernco.com>; Ben Hodges <johhodge@southernco.com>; Kristen N Jurinko <KNJURINK@SOUTHERNCO.COM>; Laura B Midkiff <lbmidkif@southernco.com>; Mann, Mark <Mark.Mann@wsp.com>; Michael Smilley <MJSMILLE@SOUTHERNCO.COM>; Noelia Ruiz <NSMUSKUS@SOUTHERNCO.COM>; Robert (Trey) Singleton <ROSINGLE@SOUTHERNCO.COM>; Soo, Yong Cheng <yongcheng.soo@wsp.com>
Subject: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Hello,

Attached, please find the Sample Confirmation files for job 705-37757; CCR - Plant Scherer Cell 3

The samples were received on 7/24/2025 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.0°C, 3.1°C, 3.2°C, 4.4°C and 4.9°C.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you.

David Fuller
Project Manager

Eurofins Atlanta
Phone: 770-344-8986

E-mail: David.Fuller@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [705-140846]
Attachments: 3

NOTE: Beginning Monday, February 5 all reports generated and emailed to our customers will be sent from the domain @Reports.ET.EurofinsUS.com. To guarantee the prompt delivery of your results, please add this email domain to the whitelist in your email program's security settings or with your email service provider.

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-LAEmHhHzdJzBlTWfa4Hgs7pbKI

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Client Sample ID: SCH-GWA-40 — Lab Sample ID: 705-38043-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	1.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	7.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.070		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0064		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	5.4		0.20	0.033	mg/L	2		6020B	Total Recoverable
Nickel	0.012	B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.75	B	0.20	0.087	mg/L	2		6020B	Total Recoverable
Sodium	2.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0014	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	43		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	43		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	96		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-38 — Lab Sample ID: 705-38043-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.17	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.5		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.038		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0096		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	8.7		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.99	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.4		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.013		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	83		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	83		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-33A — Lab Sample ID: 705-38043-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.026		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0062		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	5.1		0.10	0.016	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-GWC-33A (Continued) — Lab Sample ID: 705-38043-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.00046	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.73	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.6		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.013		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL3-FD-9 — Lab Sample ID: 705-38043-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.025		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0066		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	5.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.77	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.0		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.013		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	80		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	80		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	180		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL3-EB-9 — Lab Sample ID: 705-38043-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Barium	0.00042	J ^+	0.010	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWA-40

Date Collected: 07/24/25 10:31
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38043-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.6**		1.0	0.98	mg/L			07/30/25 02:07	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 02:07	1
Sulfate	**1.3**		1.0	0.77	mg/L			07/30/25 02:07	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 19:11	1
Calcium	**7.1**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 19:11	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:33	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:35	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:35	1
Barium	**0.070**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:35	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:35	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:35	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:35	1
Cobalt	**0.0064**		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:35	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:35	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:35	1
Magnesium	**5.4**		0.20	0.033	mg/L		08/04/25 16:35	08/13/25 16:50	2
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:35	08/07/25 00:35	1
Nickel	**0.012**	**B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:35	1
Potassium	**0.75**	**B**	0.20	0.087	mg/L		08/04/25 16:35	08/13/25 16:50	2
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:35	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:35	1
Sodium	**2.1**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:35	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:35	1
Vanadium	**0.0014**	**J**	0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:35	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**43**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**96**		10	10	mg/L			07/30/25 12:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Client Sample ID: SCH-GWC-38

Date Collected: 07/24/25 12:31
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38043-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.0**		1.0	0.98	mg/L			07/30/25 01:33	1
Fluoride	**0.17**	**J**	0.20	0.081	mg/L			07/30/25 01:33	1
Sulfate	**3.5**		1.0	0.77	mg/L			07/30/25 01:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 19:19	1
Calcium	**15**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 19:19	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:35	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:38	1
Barium	**0.038**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:38	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:38	1
Chromium	**0.0096**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:38	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:38	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:38	1
Magnesium	**8.7**		0.10	0.016	mg/L		08/04/25 16:35	08/13/25 16:53	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:35	08/07/25 00:38	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:38	1
Potassium	**0.99**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/13/25 16:53	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:38	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:38	1
Sodium	**6.4**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:38	1
Vanadium	**0.013**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:38	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**83**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**83**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**190**		10	10	mg/L			07/30/25 12:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Client Sample ID: SCH-GWC-33A

Date Collected: 07/24/25 14:07
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38043-3

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.5**		1.0	0.98	mg/L			07/30/25 02:53	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/30/25 02:53	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 02:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:14	1
Calcium	**14**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:14	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:45	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:42	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:42	1
Barium	**0.026**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:42	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:42	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:42	1
Chromium	**0.0062**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:42	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:42	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:42	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:42	1
Magnesium	**5.1**		0.10	0.016	mg/L		08/04/25 16:35	08/13/25 16:55	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:35	08/07/25 00:42	1
Nickel	**0.00046**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:42	1
Potassium	**0.73**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/13/25 16:55	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:42	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:42	1
Sodium	**8.6**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:42	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:42	1
Vanadium	**0.013**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:42	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**210**		10	10	mg/L			07/30/25 12:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Client Sample ID: SCH-CELL3-FD-9

Date Collected: 07/24/25 00:00
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38043-4

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.3**		1.0	0.98	mg/L			07/30/25 03:04	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/30/25 03:04	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 03:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:17	1
Calcium	**15**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:17	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:47	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 01:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 01:05	1
Barium	**0.025**		0.010	0.00041	mg/L		08/04/25 16:35	08/13/25 16:58	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 01:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 01:05	1
Chromium	**0.0066**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 01:05	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 01:05	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 01:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 01:05	1
Magnesium	**5.1**		0.10	0.016	mg/L		08/04/25 16:35	08/13/25 16:58	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:35	08/07/25 01:05	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 01:05	1
Potassium	**0.77**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/13/25 16:58	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 01:05	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 01:05	1
Sodium	**9.0**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 01:05	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 01:05	1
Vanadium	**0.013**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 01:05	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 01:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**80**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**80**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**180**		10	10	mg/L			07/30/25 12:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Client Sample ID: SCH-CELL3-EB-9

Date Collected: 07/24/25 10:45
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38043-5

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 03:15	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/30/25 03:15	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 03:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:20	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:20	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:52	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 01:09	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 01:09	1
Barium	**0.00042**	**J ^+**	0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 01:09	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 01:09	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 01:09	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 01:09	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 01:09	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 01:09	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 01:09	1
Magnesium	<0.016		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 01:09	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:35	08/07/25 01:09	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 01:09	1
Potassium	<0.044		0.10	0.044	mg/L		08/04/25 16:35	08/13/25 17:03	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 01:09	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 01:09	1
Sodium	<0.25		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 01:09	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 01:09	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 01:09	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 01:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 12:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 12:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 12:40	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			07/30/25 12:45	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 705-38043-1
Matrix: Water
Date Collected: 07/24/25 10:31
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 02:07
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 19:11
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:33
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:35
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		2	74715	IF	EET ATL	08/13/25 16:50
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:25
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-GWC-38

Lab Sample ID: 705-38043-2
Matrix: Water
Date Collected: 07/24/25 12:31
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 01:33
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 19:19
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:35
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:38
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	74715	IF	EET ATL	08/13/25 16:53
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:29
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 705-38043-3
Matrix: Water
Date Collected: 07/24/25 14:07
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 02:53
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:14
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:45

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Client Sample ID: SCH-GWC-33A
Date Collected: 07/24/25 14:07
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38043-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:42
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	74715	IF	EET ATL	08/13/25 16:55
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:33
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-CELL3-FD-9
Date Collected: 07/24/25 00:00
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38043-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 03:04
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:17
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:47
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 01:05
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	74715	IF	EET ATL	08/13/25 16:58
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:37
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-CELL3-EB-9
Date Collected: 07/24/25 10:45
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38043-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 03:15
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:20
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:52
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 01:09
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	74715	IF	EET ATL	08/13/25 17:03
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:48

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-1

Client Sample ID: SCH-CELL3-EB-9

Date Collected: 07/24/25 10:45
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38043-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	72452	AH	EET ATL	08/04/25 12:40
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71033/118
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 01:10	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 01:10	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 01:10	1

Lab Sample ID: LCS 705-71033/119
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.8		mg/L		108	90 - 110
Fluoride	5.00	5.30		mg/L		106	90 - 110
Sulfate	25.0	27.5		mg/L		110	90 - 110

Lab Sample ID: 705-38043-2 MS
Matrix: Water
Analysis Batch: 71033

Client Sample ID: SCH-GWC-38
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.0		10.0	12.5		mg/L		105	90 - 110
Fluoride	0.17	J	5.00	5.39		mg/L		105	90 - 110
Sulfate	3.5		25.0	30.4		mg/L		108	90 - 110

Lab Sample ID: 705-38043-2 MSD
Matrix: Water
Analysis Batch: 71033

Client Sample ID: SCH-GWC-38
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0		10.0	12.4		mg/L		104	90 - 110	0	20
Fluoride	0.17	J	5.00	5.39		mg/L		104	90 - 110	0	20
Sulfate	3.5		25.0	29.8		mg/L		105	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-72767/1-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 15:48	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 15:48	1

Lab Sample ID: MB 705-72767/1-A
Matrix: Water
Analysis Batch: 73080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:22	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-72767/2-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.00		mg/L		100	80 - 120
Calcium	10.0	10.2		mg/L		102	80 - 120

Lab Sample ID: LCS 705-72767/2-A
Matrix: Water
Analysis Batch: 73080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.07		mg/L		107	80 - 120

Lab Sample ID: 705-38041-D-2-C MS
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.01		mg/L		101	75 - 125
Calcium	2.4		10.0	12.7		mg/L		103	75 - 125

Lab Sample ID: 705-38041-D-2-C MS
Matrix: Water
Analysis Batch: 73080

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.10		mg/L		110	75 - 125

Lab Sample ID: 705-38041-D-2-D MSD
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.998		mg/L		100	75 - 125	1	20
Calcium	2.4		10.0	12.5		mg/L		101	75 - 125	2	20

Lab Sample ID: 705-38041-D-2-D MSD
Matrix: Water
Analysis Batch: 73080

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.09		mg/L		109	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-72359/1-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:18	1
Barium	<0.00041		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:18	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-72359/1-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:18	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:18	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:18	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:18	1
Magnesium	<0.016		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:18	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:35	08/06/25 23:18	1
Nickel	0.000476	J	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:18	1
Potassium	0.0995	J	0.10	0.044	mg/L		08/04/25 16:35	08/06/25 23:18	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:18	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:18	1
Sodium	<0.25		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:18	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:18	1
Zinc	0.0197		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:18	1

Lab Sample ID: LCS 705-72359/2-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.104		mg/L		104	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.100	0.101		mg/L		101	80 - 120
Cadmium	0.100	0.105		mg/L		105	80 - 120
Chromium	0.100	0.0955		mg/L		95	80 - 120
Cobalt	0.100	0.0953		mg/L		95	80 - 120
Copper	0.100	0.0952		mg/L		95	80 - 120
Lead	0.100	0.0982		mg/L		98	80 - 120
Magnesium	1.00	0.933		mg/L		93	80 - 120
Molybdenum	0.100	0.0999		mg/L		100	80 - 120
Nickel	0.100	0.0939		mg/L		94	80 - 120
Potassium	1.00	0.980		mg/L		98	80 - 120
Selenium	0.100	0.0988		mg/L		99	80 - 120
Silver	0.0100	0.00993		mg/L		99	80 - 120
Sodium	1.00	0.912		mg/L		91	80 - 120
Thallium	0.100	0.0931		mg/L		93	80 - 120
Vanadium	0.100	0.0975		mg/L		97	80 - 120
Zinc	0.100	0.0987		mg/L		99	80 - 120

Lab Sample ID: 705-38046-B-1-B MS
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.104		mg/L		104	75 - 125
Arsenic	<0.0013		0.100	0.0982		mg/L		98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38046-B-1-B MS
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.013		0.100	0.121		mg/L		107	75 - 125
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125
Cadmium	<0.00024		0.100	0.104		mg/L		104	75 - 125
Chromium	<0.0037		0.100	0.0964		mg/L		96	75 - 125
Cobalt	0.0016	J	0.100	0.0963		mg/L		95	75 - 125
Copper	<0.00064		0.100	0.0935		mg/L		93	75 - 125
Lead	<0.00086		0.100	0.0965		mg/L		96	75 - 125
Magnesium	2.2		1.00	3.00		mg/L		83	75 - 125
Molybdenum	0.00095	J	0.100	0.101		mg/L		100	75 - 125
Nickel	0.00076	J B	0.100	0.0944		mg/L		94	75 - 125
Potassium	0.27	B	1.00	1.22		mg/L		95	75 - 125
Selenium	<0.0023		0.100	0.0990		mg/L		99	75 - 125
Silver	<0.00017		0.0100	0.00988		mg/L		99	75 - 125
Sodium	5.1		1.00	5.81	4	mg/L		76	75 - 125
Thallium	0.00081	J	0.100	0.0911		mg/L		90	75 - 125
Vanadium	<0.0012		0.100	0.0982		mg/L		98	75 - 125
Zinc	<0.0089		0.100	0.0996		mg/L		100	75 - 125

Lab Sample ID: 705-38046-B-1-C MSD
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.107		mg/L		107	75 - 125	3	20
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125	3	20
Barium	0.013		0.100	0.120		mg/L		106	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0983		mg/L		98	75 - 125	2	20
Cadmium	<0.00024		0.100	0.100		mg/L		100	75 - 125	4	20
Chromium	<0.0037		0.100	0.0994		mg/L		99	75 - 125	3	20
Cobalt	0.0016	J	0.100	0.101		mg/L		99	75 - 125	4	20
Copper	<0.00064		0.100	0.0988		mg/L		99	75 - 125	6	20
Lead	<0.00086		0.100	0.102		mg/L		102	75 - 125	6	20
Magnesium	2.2		1.00	3.15		mg/L		98	75 - 125	5	20
Molybdenum	0.00095	J	0.100	0.106		mg/L		105	75 - 125	5	20
Nickel	0.00076	J B	0.100	0.0991		mg/L		98	75 - 125	5	20
Potassium	0.27	B	1.00	1.26		mg/L		98	75 - 125	3	20
Selenium	<0.0023		0.100	0.102		mg/L		102	75 - 125	3	20
Silver	<0.00017		0.0100	0.0104		mg/L		104	75 - 125	5	20
Sodium	5.1		1.00	6.19	4	mg/L		113	75 - 125	6	20
Thallium	0.00081	J	0.100	0.0973		mg/L		97	75 - 125	7	20
Vanadium	<0.0012		0.100	0.101		mg/L		101	75 - 125	3	20
Zinc	<0.0089		0.100	0.0980		mg/L		98	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-73904/1-A
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 12:15	1

Lab Sample ID: LCS 705-73904/2-A
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73904

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00500	0.00551		mg/L		110	80 - 120		

Lab Sample ID: 705-38021-C-1-E MS
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73904

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00500	0.00549		mg/L		110	75 - 125		

Lab Sample ID: 705-38021-C-1-F MSD
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00500	0.00554		mg/L		111	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-71936/1
Matrix: Water
Analysis Batch: 71936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	124		mg/L		99	90 - 110		
Bicarbonate Alkalinity as CaCO3			125	124		mg/L		99	90 - 110		

Lab Sample ID: 705-38041-E-1 DU
Matrix: Water
Analysis Batch: 71936

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	66			65.8		mg/L				0.1	30
Bicarbonate Alkalinity as CaCO3	66			65.8		mg/L				0.1	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Lab Sample ID: LCS 705-72294/1
Matrix: Water
Analysis Batch: 72294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	126		mg/L		101	90 - 110		
Bicarbonate Alkalinity as CaCO3			125	126		mg/L		101	90 - 110		

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 705-38219-L-3 DU
Matrix: Water
Analysis Batch: 72294

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	21			20.8		mg/L				0.5	30
Bicarbonate Alkalinity as CaCO3	21			20.8		mg/L				0.5	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71310/1
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/30/25 12:45	1

Lab Sample ID: LCS 705-71310/2
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1030		mg/L		103	80 - 120		

Lab Sample ID: 705-38041-C-8 DU
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1300			1320		mg/L				0.5	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38043-1
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/25/2025 8:27:40 AM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

705-38152-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
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Revision 1

Authorized for release by
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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38152-1	SCH-GWA-44A	Water	07/28/25 17:34	07/29/25 11:05	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:	Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			705-38152 COC
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			Other:
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0010 / PO Line #1			
Project Name: CCR - Plant Scherer - Cell 3	Project #:			Task_Code: SCH-CCR-ASSMT-2025S2
Site:	SSOW#:			Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Ag, Cu, Ni, V, Zn	7470A - App IV Mercury	2320B - Total Alkalinity		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228				Total Number of containers
			Preservation Code:				N	N	D	D	D	N		D	D	D				
SCH-GWA-44A	7/28/25	1734	G	WG			X	X	X	X	X	X		X	X	X				5

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Dustin Gregory	7/29/25 0825	WSP	MIKE GEMMILL	7/29/25 0825	Cooper Nuclear
MIKE GEMMILL	7/29/25 1100	Cooper NUC	R. L.	7.29.25 1105	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
	# 2665 1.0 1.3 2.5 20	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38152-1

Login Number: 38152
List Number: 1
Creator: Torres, Dominique

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38152-1

Revision 1
The report being provided is a revision of the original report sent on 8/14/2025. The report is being revised in order to document the additional metals that were added and reported per the attached email request.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 7/29/2025 11:05 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.0°C, 1.3°C, 2.0°C and 2.5°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

David Fuller

From: Soo, Yong Cheng <yongcheng.soo@wsp.com>
Sent: Thursday, August 21, 2025 8:00 AM
To: David Fuller; Mcclure, Andrea; Bloomfield, Dana; Herrera-Beltran, Daniela; Prell, Dawn; Laura B Midkiff; Mann, Mark
Subject: RE: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi David,

Could you please add a note in the case narrative to reflect the difference in COC and reported analytes (6020B Na, Mg, and K not listed on COC earlier)?

It would be very helpful if you could include this note. The SDGs that would need the note addition are as follows:

- 705-37757-1
- 705-38043-1
- 705-38152-1

Thank you very much for your help.

Yong Cheng Soo, PE (GA, SC)
Consultant, Water Resources Engineer

T+ 1 770-496-1893
M+ 1 470-217-3772

From: David Fuller <David.Fuller@et.eurofinsus.com>
Sent: Thursday, August 7, 2025 3:22 PM
To: Soo, Yong Cheng <yongcheng.soo@wsp.com>; Mcclure, Andrea <andrea.mcclure@wsp.com>; Bloomfield, Dana <Dana.Bloomfield@wsp.com>; Herrera-Beltran, Daniela <daniela.herrera@wsp.com>; Prell, Dawn <dawn.prell@wsp.com>; Laura B Midkiff <lbmidkif@southernco.com>; Mann, Mark <Mark.Mann@wsp.com>
Subject: RE: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Okay…I've added these and the lab will work on re-processing the batches.

David Fuller
Project Manager

Eurofins Environment Testing Southeast
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www.EurofinsUS.com • LinkedIn

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From: Soo, Yong Cheng <yongcheng.soo@wsp.com>
Sent: Thursday, August 7, 2025 2:27 PM
To: David Fuller <David.Fuller@et.eurofinsus.com>; Mcclure, Andrea <andrea.mcclure@wsp.com>; Bloomfield, Dana <Dana.Bloomfield@wsp.com>; Herrera-Beltran, Daniela <daniela.herrera@wsp.com>; Prell, Dawn <dawn.prell@wsp.com>; Laura B Midkiff <lbmidkif@southernco.com>; Mann, Mark <Mark.Mann@wsp.com>
Subject: RE: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi David,

Could you add 6020B **Na, Mg, and K** for all the samples in SDG 705-37757-1 please? They were not listed on the COC earlier.

I believe you have updated the Boron RL on this report.

Thanks,

Yong Cheng Soo, PE (GA, SC)
Consultant, Water Resources Engineer

T+ 1 770-496-1893
M+ 1 470-217-3772

From: David Fuller <TALS@reports.et.eurofinsus.com>
Sent: Friday, July 25, 2025 6:36 AM
To: Mcclure, Andrea <andrea.mcclure@wsp.com>; Bloomfield, Dana <Dana.Bloomfield@wsp.com>; Herrera-Beltran, Daniela <daniela.herrera@wsp.com>; Prell, Dawn <dawn.prell@wsp.com>; Joju Abraham <JAbraham@southernco.com>; Ben Hodges <johhodge@southernco.com>; Kristen N Jurinko <KNJURINK@SOUTHERNCO.COM>; Laura B Midkiff <lbmidkif@southernco.com>; Mann, Mark <Mark.Mann@wsp.com>; Michael Smilley <MJSMILLE@SOUTHERNCO.COM>; Noelia Ruiz <NSMUSKUS@SOUTHERNCO.COM>; Robert (Trey) Singleton <ROSINGLE@SOUTHERNCO.COM>; Soo, Yong Cheng <yongcheng.soo@wsp.com>
Subject: 705-37757 CCR - Plant Scherer Cell 3 Sample Confirmation files from Eurofins Southeast

Hello,

Attached, please find the Sample Confirmation files for job 705-37757; CCR - Plant Scherer Cell 3

The samples were received on 7/24/2025 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.0°C, 3.1°C, 3.2°C, 4.4°C and 4.9°C.

Please review the attachments for accuracy and notify your Project Manager of any discrepancies as quickly as possible.

Any discrepancies not communicated in a timely fashion could result in missed holding times, TAT delays and may potentially incur additional charges.

Please feel free to contact me if you have any questions.

Thank you.

David Fuller
Project Manager

Eurofins Atlanta
Phone: 770-344-8986

E-mail: David.Fuller@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [705-140846]
Attachments: 3

NOTE: Beginning Monday, February 5 all reports generated and emailed to our customers will be sent from the domain @Reports.ET.EurofinsUS.com. To guarantee the prompt delivery of your results, please add this email domain to the whitelist in your email program's security settings or with your email service provider.

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-LAEmHhHzdJzBlTWfa4Hgs7pbKI

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 705-38152-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.5		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	19		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.036		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.010		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	8.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.5		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.8		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0084		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	89		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	89		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-1

Client Sample ID: SCH-GWA-44A

Date Collected: 07/28/25 17:34
Date Received: 07/29/25 11:05

Lab Sample ID: 705-38152-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.7**		1.0	0.98	mg/L			07/31/25 00:27	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			07/31/25 00:27	1
Sulfate	**3.5**		1.0	0.77	mg/L			07/31/25 00:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/08/25 09:30	08/08/25 19:04	1
Calcium	**19**		0.10	0.038	mg/L		08/08/25 09:30	08/08/25 19:04	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/08/25 09:30	08/12/25 09:17	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/07/25 13:45	08/08/25 17:08	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/07/25 13:45	08/08/25 17:08	1
Barium	**0.036**		0.010	0.00041	mg/L		08/07/25 13:45	08/08/25 17:08	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/07/25 13:45	08/08/25 17:08	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/07/25 13:45	08/08/25 17:08	1
Chromium	**0.010**		0.0050	0.0037	mg/L		08/07/25 13:45	08/08/25 17:08	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/07/25 13:45	08/08/25 17:08	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/07/25 13:45	08/08/25 17:08	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/07/25 13:45	08/08/25 17:08	1
Magnesium	**8.9**		0.10	0.016	mg/L		08/07/25 13:45	08/08/25 17:08	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/07/25 13:45	08/08/25 17:08	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/07/25 13:45	08/08/25 17:08	1
Potassium	**1.5**		0.10	0.044	mg/L		08/07/25 13:45	08/08/25 17:08	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/07/25 13:45	08/08/25 17:08	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/07/25 13:45	08/08/25 17:08	1
Sodium	**6.8**		0.50	0.25	mg/L		08/07/25 13:45	08/10/25 16:13	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/07/25 13:45	08/10/25 16:13	1
Vanadium	**0.0084**		0.0050	0.0012	mg/L		08/07/25 13:45	08/08/25 17:08	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/07/25 13:45	08/08/25 17:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 14:28	08/12/25 18:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**89**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**89**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			08/01/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-1

Client Sample ID: SCH-GWA-44A

Date Collected: 07/28/25 17:34
Date Received: 07/29/25 11:05

Lab Sample ID: 705-38152-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 00:27
Total/NA	Prep	3010A			73385	EF	EET ATL	08/08/25 09:30
Total/NA	Analysis	6010D		1	73850	DS	EET ATL	08/08/25 19:04
Total/NA	Prep	3010A			73385	EF	EET ATL	08/08/25 09:30
Total/NA	Analysis	6010D		1	74225	DAB	EET ATL	08/12/25 09:17
Total Recoverable	Prep	3005A			73231	BR	EET ATL	08/07/25 13:45
Total Recoverable	Analysis	6020B		1	73783	MD	EET ATL	08/08/25 17:08
Total Recoverable	Prep	3005A			73231	BR	EET ATL	08/07/25 13:45
Total Recoverable	Analysis	6020B		1	73874	MD	EET ATL	08/10/25 16:13
Total/NA	Prep	7470A			74320	GR	EET ATL	08/12/25 14:28
Total/NA	Analysis	7470A		1	74442	GR	EET ATL	08/12/25 18:43
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71283/141
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 19:19	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 19:19	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 19:19	1

Lab Sample ID: LCS 705-71283/142
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Fluoride	5.00	5.20		mg/L		104	90 - 110
Sulfate	25.0	26.5		mg/L		106	90 - 110

Lab Sample ID: 705-38283-E-1 MS
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.2		10.0	15.2		mg/L		100	90 - 110
Fluoride	0.13	J	5.00	5.11		mg/L		100	90 - 110
Sulfate	3.8		25.0	30.2		mg/L		106	90 - 110

Lab Sample ID: 705-38283-E-1 MSD
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.2		10.0	15.1		mg/L		99	90 - 110	0	20
Fluoride	0.13	J	5.00	5.13		mg/L		100	90 - 110	0	20
Sulfate	3.8		25.0	29.4		mg/L		103	90 - 110	3	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-73385/1-A
Matrix: Water
Analysis Batch: 73566

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/08/25 09:30	08/08/25 14:29	1
Calcium	<0.038		0.10	0.038	mg/L		08/08/25 09:30	08/08/25 14:29	1

Lab Sample ID: MB 705-73385/1-A
Matrix: Water
Analysis Batch: 74225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/08/25 09:30	08/12/25 08:52	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-73385/2-A
Matrix: Water
Analysis Batch: 73566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73385

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	1.02		mg/L		102	80 - 120		
Calcium			10.0	10.2		mg/L		102	80 - 120		

Lab Sample ID: LCS 705-73385/2-A
Matrix: Water
Analysis Batch: 74225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73385

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium			1.00	1.08		mg/L		108	80 - 120		

Lab Sample ID: 705-39092-B-2-B MS
Matrix: Water
Analysis Batch: 73566

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73385

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	<0.026		1.00	1.01		mg/L		101	75 - 125		
Calcium	0.71		10.0	10.8		mg/L		101	75 - 125		

Lab Sample ID: 705-39092-B-2-B MS
Matrix: Water
Analysis Batch: 74225

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73385

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium	<0.0037	F1	1.00	1.28	F1	mg/L		128	75 - 125		

Lab Sample ID: 705-39092-B-2-C MSD
Matrix: Water
Analysis Batch: 73566

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73385

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.02		mg/L		102	75 - 125	1	20
Calcium	0.71		10.0	10.9		mg/L		102	75 - 125	1	20

Lab Sample ID: 705-39092-B-2-C MSD
Matrix: Water
Analysis Batch: 74225

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73385

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037	F1	1.00	1.24		mg/L		124	75 - 125	3	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73231/1-A
Matrix: Water
Analysis Batch: 73783

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/07/25 13:45	08/08/25 16:01	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/07/25 13:45	08/08/25 16:01	1
Barium	<0.00041		0.010	0.00041	mg/L		08/07/25 13:45	08/08/25 16:01	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-73231/1-A
Matrix: Water
Analysis Batch: 73783

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/07/25 13:45	08/08/25 16:01	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/07/25 13:45	08/08/25 16:01	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/07/25 13:45	08/08/25 16:01	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/07/25 13:45	08/08/25 16:01	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/07/25 13:45	08/08/25 16:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/07/25 13:45	08/08/25 16:01	1
Magnesium	<0.016		0.10	0.016	mg/L		08/07/25 13:45	08/08/25 16:01	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/07/25 13:45	08/08/25 16:01	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/07/25 13:45	08/08/25 16:01	1
Potassium	<0.044		0.10	0.044	mg/L		08/07/25 13:45	08/08/25 16:01	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/07/25 13:45	08/08/25 16:01	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/07/25 13:45	08/08/25 16:01	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/07/25 13:45	08/08/25 16:01	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/07/25 13:45	08/08/25 16:01	1

Lab Sample ID: MB 705-73231/1-A
Matrix: Water
Analysis Batch: 73874

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.25		0.50	0.25	mg/L		08/07/25 13:45	08/10/25 14:49	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/07/25 13:45	08/10/25 14:49	1

Lab Sample ID: LCS 705-73231/2-A
Matrix: Water
Analysis Batch: 73783

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0999		mg/L		100	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.0990		mg/L		99	80 - 120
Beryllium	0.100	0.107		mg/L		107	80 - 120
Cadmium	0.100	0.0980		mg/L		98	80 - 120
Chromium	0.100	0.108		mg/L		108	80 - 120
Cobalt	0.100	0.107		mg/L		107	80 - 120
Copper	0.100	0.108		mg/L		108	80 - 120
Lead	0.100	0.0947		mg/L		95	80 - 120
Magnesium	1.00	1.02		mg/L		102	80 - 120
Molybdenum	0.100	0.102		mg/L		102	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	1.00	1.05		mg/L		105	80 - 120
Selenium	0.100	0.103		mg/L		103	80 - 120
Silver	0.0100	0.0105		mg/L		105	80 - 120
Vanadium	0.100	0.108		mg/L		108	80 - 120
Zinc	0.100	0.105		mg/L		105	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-73231/2-A
Matrix: Water
Analysis Batch: 73874

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sodium			1.00	1.07		mg/L		107	80 - 120		
Thallium			0.100	0.102		mg/L		102	80 - 120		

Lab Sample ID: 705-38021-C-1-B MS
Matrix: Water
Analysis Batch: 73783

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125		
Arsenic	<0.0013		0.100	0.106		mg/L		106	75 - 125		
Barium	0.058		0.100	0.159		mg/L		101	75 - 125		
Beryllium	0.00067	J	0.100	0.114		mg/L		113	75 - 125		
Cadmium	<0.00024		0.100	0.0952		mg/L		95	75 - 125		
Chromium	<0.0037		0.100	0.113		mg/L		113	75 - 125		
Cobalt	0.0015	J	0.100	0.111		mg/L		109	75 - 125		
Copper	0.0011	J	0.100	0.111		mg/L		110	75 - 125		
Lead	<0.00086		0.100	0.0939		mg/L		94	75 - 125		
Magnesium	1.6		1.00	2.52		mg/L		92	75 - 125		
Molybdenum	0.0017	J	0.100	0.105		mg/L		103	75 - 125		
Nickel	0.0046	J	0.100	0.113		mg/L		109	75 - 125		
Potassium	2.8		1.00	3.70		mg/L		94	75 - 125		
Selenium	<0.0023		0.100	0.106		mg/L		106	75 - 125		
Silver	<0.00017		0.0100	0.0101		mg/L		101	75 - 125		
Vanadium	<0.0012		0.100	0.112		mg/L		112	75 - 125		
Zinc	0.024		0.100	0.132		mg/L		108	75 - 125		

Lab Sample ID: 705-38021-C-1-B MS
Matrix: Water
Analysis Batch: 73874

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sodium	11		1.00	11.4	4	mg/L		87	75 - 125		
Thallium	0.00069	J	0.100	0.0965		mg/L		96	75 - 125		

Lab Sample ID: 705-38021-C-1-C MSD
Matrix: Water
Analysis Batch: 73783

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.102		mg/L		102	75 - 125	1	20
Arsenic	<0.0013		0.100	0.105		mg/L		105	75 - 125	1	20
Barium	0.058		0.100	0.157		mg/L		99	75 - 125	1	20
Beryllium	0.00067	J	0.100	0.114		mg/L		113	75 - 125	0	20
Cadmium	<0.00024		0.100	0.0976		mg/L		98	75 - 125	2	20
Chromium	<0.0037		0.100	0.109		mg/L		109	75 - 125	4	20
Cobalt	0.0015	J	0.100	0.108		mg/L		106	75 - 125	3	20
Copper	0.0011	J	0.100	0.108		mg/L		106	75 - 125	3	20
Lead	<0.00086		0.100	0.0930		mg/L		93	75 - 125	1	20
Magnesium	1.6		1.00	2.51		mg/L		91	75 - 125	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38021-C-1-C MSD
Matrix: Water
Analysis Batch: 73783

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Molybdenum	0.0017	J	0.100	0.105		mg/L		103	75 - 125	0	20
Nickel	0.0046	J	0.100	0.110		mg/L		105	75 - 125	3	20
Potassium	2.8		1.00	3.69		mg/L		93	75 - 125	0	20
Selenium	<0.0023		0.100	0.101		mg/L		101	75 - 125	4	20
Silver	<0.00017		0.0100	0.0101		mg/L		101	75 - 125	0	20
Vanadium	<0.0012		0.100	0.108		mg/L		108	75 - 125	4	20
Zinc	0.024		0.100	0.126		mg/L		102	75 - 125	4	20

Lab Sample ID: 705-38021-C-1-C MSD
Matrix: Water
Analysis Batch: 73874

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73231

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	0.00069	J	0.100	0.0975		mg/L		97	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74320/1-A
Matrix: Water
Analysis Batch: 74442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74320

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 14:28	08/12/25 18:19	1

Lab Sample ID: LCS 705-74320/2-A
Matrix: Water
Analysis Batch: 74442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74320

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00439		mg/L		110	80 - 120		

Lab Sample ID: 705-38150-B-1-G MS
Matrix: Water
Analysis Batch: 74442

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74320

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00424		mg/L		106	75 - 125		

Lab Sample ID: 705-38150-B-1-H MSD
Matrix: Water
Analysis Batch: 74442

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74320

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00408		mg/L		102	75 - 125	4	20

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-1

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-72921/1
Matrix: Water
Analysis Batch: 72921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	124		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	124		mg/L		100	90 - 110

Lab Sample ID: 705-38144-C-11 DU
Matrix: Water
Analysis Batch: 72921

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	74		73.7		mg/L		0.2	30
Bicarbonate Alkalinity as CaCO3	74		73.7		mg/L		0.2	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71671/1
Matrix: Water
Analysis Batch: 71671

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/01/25 14:45	1

Lab Sample ID: LCS 705-71671/2
Matrix: Water
Analysis Batch: 71671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1020		mg/L		103	80 - 120

Lab Sample ID: 705-38152-1 DU
Matrix: Water
Analysis Batch: 71671

Client Sample ID: SCH-GWA-44A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	160		163		mg/L		5	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38152-1
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/14/2025 5:36:03 PM

JOB DESCRIPTION

Plant Scherer - PAC Ash Cell

JOB NUMBER

705-38045-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38045-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38045-1	SCH-GWC-51	Water	07/25/25 10:14	07/25/25 15:31	Georgia
705-38045-2	SCH-PAC-EB-8	Water	07/25/25 10:28	07/25/25 15:31	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Julie Sturky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8155	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer - PAC Ash Cell	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	
SCH-GWC-51	7/25/25	10:14	G	WG			X	X	X	X	X	X	3
SCH-PAC-EB-8	7/25/25	1028	G	WQ			x	x	x	x	x	x	3

Preservation Codes:
D - HNO3
N - None

705-38045 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II) III, IV, Other (specify) Level II Data Report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Julie Sturky	7/25/25 1309	WSP	Meranda Lucear	7-25-25/1:10	NAW
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
					07/25/25 1531	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		2.8/2.8

Ver: 01/16/2019

8/14/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38045-1

Login Number: 38045

List Source: Eurofins Atlanta

List Number: 1

Creator: Hartley, Tyler

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Job ID: 705-38045-1
Project/Site: Plant Scherer - PAC Ash Cell

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38045-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/25/2025 3:31 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 and analytical batch 705-73109 contained Barium, Calcium, Nickel and Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 contained Zinc above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 and analytical batch 705-73875 contained Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38045-1

Client Sample ID: SCH-GWC-51 — Lab Sample ID: 705-38045-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	4.8		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	8.2		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.011		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0073		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	5.6		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0026	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.48	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.6		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0044	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	38		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	38		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	140		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PAC-EB-8 — Lab Sample ID: 705-38045-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Barium	0.00071	J ^+	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.0013	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	0.031	J	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0012	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Sodium	0.29	J	0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	18		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38045-1

Client Sample ID: SCH-GWC-51

Lab Sample ID: 705-38045-1

Date Collected: 07/25/25 10:14
Matrix: Water
Date Received: 07/25/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.1**		1.0	0.98	mg/L			07/30/25 03:27	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/30/25 03:27	1
Sulfate	**4.8**		1.0	0.77	mg/L			07/30/25 03:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:41	1
Calcium	**8.2**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 01:12	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 01:12	1
Barium	**0.011**		0.010	0.00041	mg/L		08/12/25 10:36	08/13/25 16:53	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 01:12	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 01:12	1
Chromium	**0.0073**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 01:12	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 01:12	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 01:12	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 01:12	1
Magnesium	**5.6**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 01:12	1
Nickel	**0.0026**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 01:12	1
Potassium	**0.48**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 01:12	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 01:12	1
Sodium	**4.6**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 01:12	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 01:12	1
Vanadium	**0.0044**	**J**	0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 01:12	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 01:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**38**		3.0	3.0	mg/L			08/04/25 12:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**38**		3.0	3.0	mg/L			08/04/25 12:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 12:40	1
Total Dissolved Solids (SM 2540C - 2015)	**140**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-PAC-EB-8

Lab Sample ID: 705-38045-2

Date Collected: 07/25/25 10:28
Matrix: Water
Date Received: 07/25/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 03:38	1

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38045-1

Client Sample ID: SCH-PAC-EB-8
Date Collected: 07/25/25 10:28
Date Received: 07/25/25 15:31

Lab Sample ID: 705-38045-2
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/30/25 03:38	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 03:38	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 18:24	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 18:24	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 01:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 01:15	1
Barium	**0.00071**	**J ^+**	0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 01:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 01:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 01:15	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 01:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 01:15	1
Copper	**0.0013**	**J**	0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 01:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 01:15	1
Magnesium	**0.031**	**J**	0.10	0.016	mg/L		08/04/25 16:35	08/07/25 01:15	1
Nickel	**0.0012**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 01:15	1
Potassium	<0.044		0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:14	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 01:15	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 01:15	1
Sodium	**0.29**	**J**	0.50	0.25	mg/L		08/04/25 16:35	08/07/25 01:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 01:15	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 01:15	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 01:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 12:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 12:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 12:40	1
Total Dissolved Solids (SM 2540C - 2015)	**18**		10	10	mg/L			07/30/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38045-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Job ID: 705-38045-1
Project/Site: Plant Scherer - PAC Ash Cell

Client Sample ID: SCH-GWC-51
Lab Sample ID: 705-38045-1
Date Collected: 07/25/25 10:14
Matrix: Water
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 03:27
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:41
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 01:12
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:11
Total Recoverable	Prep	3005A			74175	BR	EET ATL	08/12/25 10:36
Total Recoverable	Analysis	6020B		1	74740	IF	EET ATL	08/13/25 16:53
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:08
Total/NA	Analysis	2320B-2011		1	72294	AH	EET ATL	08/04/25 12:40
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-PAC-EB-8
Lab Sample ID: 705-38045-2
Date Collected: 07/25/25 10:28
Matrix: Water
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 03:38
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 18:24
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 01:15
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:14
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:20
Total/NA	Analysis	2320B-2011		1	72452	AH	EET ATL	08/04/25 12:40
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71033/118
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 01:10	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 01:10	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 01:10	1

Lab Sample ID: LCS 705-71033/119
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.8		mg/L		108	90 - 110
Fluoride	5.00	5.30		mg/L		106	90 - 110
Sulfate	25.0	27.5		mg/L		110	90 - 110

Lab Sample ID: 705-38043-E-2 MS
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.0		10.0	12.5		mg/L		105	90 - 110
Fluoride	0.17	J	5.00	5.39		mg/L		105	90 - 110
Sulfate	3.5		25.0	30.4		mg/L		108	90 - 110

Lab Sample ID: 705-38043-E-2 MSD
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0		10.0	12.4		mg/L		104	90 - 110	0	20
Fluoride	0.17	J	5.00	5.39		mg/L		104	90 - 110	0	20
Sulfate	3.5		25.0	29.8		mg/L		105	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-72767/1-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 15:48	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 15:48	1

Lab Sample ID: LCS 705-72767/2-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.00		mg/L		100	80 - 120
Calcium	10.0	10.2		mg/L		102	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-38041-D-2-C MS
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.01		mg/L		101	75 - 125
Calcium	2.4		10.0	12.7		mg/L		103	75 - 125

Lab Sample ID: 705-38041-D-2-D MSD
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.998		mg/L		100	75 - 125	1	20
Calcium	2.4		10.0	12.5		mg/L		101	75 - 125	2	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-72359/1-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:18	1
Barium	<0.00041		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:18	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:18	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:18	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:18	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:18	1
Magnesium	<0.016		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:18	1
Nickel	0.000476	J	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:18	1
Potassium	0.0995	J	0.10	0.044	mg/L		08/04/25 16:35	08/06/25 23:18	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:18	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:18	1
Sodium	<0.25		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:18	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:18	1
Zinc	0.0197		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:18	1

Lab Sample ID: LCS 705-72359/2-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.104		mg/L		104	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.100	0.101		mg/L		101	80 - 120
Cadmium	0.100	0.105		mg/L		105	80 - 120
Chromium	0.100	0.0955		mg/L		95	80 - 120
Cobalt	0.100	0.0953		mg/L		95	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-72359/2-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Copper			0.100	0.0952		mg/L		95	80 - 120		
Lead			0.100	0.0982		mg/L		98	80 - 120		
Magnesium			1.00	0.933		mg/L		93	80 - 120		
Nickel			0.100	0.0939		mg/L		94	80 - 120		
Potassium			1.00	0.980		mg/L		98	80 - 120		
Selenium			0.100	0.0988		mg/L		99	80 - 120		
Silver			0.0100	0.00993		mg/L		99	80 - 120		
Sodium			1.00	0.912		mg/L		91	80 - 120		
Thallium			0.100	0.0931		mg/L		93	80 - 120		
Vanadium			0.100	0.0975		mg/L		97	80 - 120		
Zinc			0.100	0.0987		mg/L		99	80 - 120		

Lab Sample ID: 705-38046-B-1-B MS
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.0025		0.100	0.104		mg/L		104	75 - 125		
Arsenic	<0.0013		0.100	0.0982		mg/L		98	75 - 125		
Barium	0.013		0.100	0.121		mg/L		107	75 - 125		
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125		
Cadmium	<0.00024		0.100	0.104		mg/L		104	75 - 125		
Chromium	<0.0037		0.100	0.0964		mg/L		96	75 - 125		
Cobalt	0.0016	J	0.100	0.0963		mg/L		95	75 - 125		
Copper	<0.00064		0.100	0.0935		mg/L		93	75 - 125		
Lead	<0.00086		0.100	0.0965		mg/L		96	75 - 125		
Magnesium	2.2		1.00	3.00		mg/L		83	75 - 125		
Nickel	0.00076	J B	0.100	0.0944		mg/L		94	75 - 125		
Potassium	0.27	B	1.00	1.22		mg/L		95	75 - 125		
Selenium	<0.0023		0.100	0.0990		mg/L		99	75 - 125		
Silver	<0.00017		0.0100	0.00988		mg/L		99	75 - 125		
Sodium	5.1		1.00	5.81	4	mg/L		76	75 - 125		
Thallium	0.00081	J	0.100	0.0911		mg/L		90	75 - 125		
Vanadium	<0.0012		0.100	0.0982		mg/L		98	75 - 125		
Zinc	<0.0089		0.100	0.0996		mg/L		100	75 - 125		

Lab Sample ID: 705-38046-B-1-C MSD
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.107		mg/L		107	75 - 125	3	20
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125	3	20
Barium	0.013		0.100	0.120		mg/L		106	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0983		mg/L		98	75 - 125	2	20
Cadmium	<0.00024		0.100	0.100		mg/L		100	75 - 125	4	20
Chromium	<0.0037		0.100	0.0994		mg/L		99	75 - 125	3	20
Cobalt	0.0016	J	0.100	0.101		mg/L		99	75 - 125	4	20
Copper	<0.00064		0.100	0.0988		mg/L		99	75 - 125	6	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38046-B-1-C MSD
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	<0.00086		0.100	0.102		mg/L		102	75 - 125	6	20
Magnesium	2.2		1.00	3.15		mg/L		98	75 - 125	5	20
Nickel	0.00076	J B	0.100	0.0991		mg/L		98	75 - 125	5	20
Potassium	0.27	B	1.00	1.26		mg/L		98	75 - 125	3	20
Selenium	<0.0023		0.100	0.102		mg/L		102	75 - 125	3	20
Silver	<0.00017		0.0100	0.0104		mg/L		104	75 - 125	5	20
Sodium	5.1		1.00	6.19	4	mg/L		113	75 - 125	6	20
Thallium	0.00081	J	0.100	0.0973		mg/L		97	75 - 125	7	20
Vanadium	<0.0012		0.100	0.101		mg/L		101	75 - 125	3	20
Zinc	<0.0089		0.100	0.0980		mg/L		98	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-73909/1-A
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:00	1

Lab Sample ID: LCS 705-73909/2-A
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00543		mg/L		109	80 - 120

Lab Sample ID: 705-38045-1 MS
Matrix: Water
Analysis Batch: 74044

Client Sample ID: SCH-GWC-51
Prep Type: Total/NA
Prep Batch: 73909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00500	0.00549		mg/L		110	75 - 125

Lab Sample ID: 705-38045-1 MSD
Matrix: Water
Analysis Batch: 74044

Client Sample ID: SCH-GWC-51
Prep Type: Total/NA
Prep Batch: 73909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00500	0.00541		mg/L		108	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-72294/1
Matrix: Water
Analysis Batch: 72294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	126		mg/L		101	90 - 110
Bicarbonate Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 705-38219-L-3 DU
Matrix: Water
Analysis Batch: 72294

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	21			20.8		mg/L				0.5	30
Bicarbonate Alkalinity as CaCO3	21			20.8		mg/L				0.5	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71316/1
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/30/25 14:45	1

Lab Sample ID: LCS 705-71316/2
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	956		mg/L		96	80 - 120		

Lab Sample ID: 705-38077-B-1 DU
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1300			1270		mg/L				3	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38045-1
Project/Site: Plant Scherer - PAC Ash Cell

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

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JOB DESCRIPTION

Plant Scherer - PAC Ash Cell

JOB NUMBER

705-38144-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-38144-1
Project/Site: Plant Scherer - PAC Ash Cell

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38144-1	SCH-GWA-45	Water	07/28/25 15:26	07/29/25 11:05	Georgia
705-38144-2	SCH-PAC-EB-7	Water	07/28/25 15:35	07/29/25 11:05	Georgia
705-38144-3	SCH-GWC-29	Water	07/28/25 14:35	07/29/25 11:05	Georgia
705-38144-4	SCH-GWA-22	Water	07/28/25 13:06	07/29/25 11:05	Georgia
705-38144-5	SCH-GWA-21	Water	07/28/25 12:14	07/29/25 11:05	Georgia
705-38144-6	SCH-PAC-FB-7	Water	07/28/25 12:30	07/29/25 11:05	Georgia
705-38144-7	SCH-GWC-50	Water	07/28/25 14:26	07/29/25 11:05	Georgia
705-38144-8	SCH-PAC-FB-8	Water	07/28/25 14:28	07/29/25 11:05	Georgia
705-38144-9	SCH-GWC-52	Water	07/28/25 12:20	07/29/25 11:05	Georgia
705-38144-10	SCH-GWC-53	Water	07/28/25 13:20	07/29/25 11:05	Georgia
705-38144-11	SCH-GWA-49	Water	07/28/25 12:33	07/29/25 11:05	Georgia
705-38144-12	SCH-GWA-48	Water	07/28/25 13:52	07/29/25 11:05	Georgia
705-38144-13	SCH-PAC-FD-8	Water	07/28/25 00:00	07/29/25 11:05	Georgia
705-38144-14	SCH-GWA-47	Water	07/28/25 14:46	07/29/25 11:05	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Sharp	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer - PAC Ash Cell	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38144 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	
SCH-GWA-45	7/28/25	1526	G	WG			X	X	X	X	X	X	3
SCH-PAC-EB-7	7/28/25	1535	G	WQ			X	X	X	X	X	X	3
SCH-GWC-29	7/28/25	1435	G	WG			X	X	X	X	X	X	3
SCH-GWA-22	7/28/25	1306	G	WG			X	X	X	X	X	X	3
SCH-GWA-21	7/28/25	1214	G	WG			X	X	X	X	X	X	3
SCH-PAC-FB-7	7/28/25	1230	G	WQ			X	X	X	X	X	X	3
SCH-GWC-50	7/28/25	1426	G	WG			X	X	X	X	X	X	3
SCH-PAC-FB-8	7/28/25	1428	G	WQ			X	X	X	X	X	X	3
SCH-GWC-52	7/28/25	1220	G	WG			X	X	X	X	X	X	3
SCH-GWC-53	7/28/25	1320	G	WG			X	X	X	X	X	X	3
SCH-GWA-49	7/28/25	1233	G	WG			X	X	X	X	X	X	3

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II) III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by: [signature]	7/29/25 0825	WSP	Received by: Mike Gemmill	7/29/25 0825	Courier Now
Relinquished by: Mike Gemmill	7/29/25 1100	Courier Now	Received by: [signature]	7.29.25 1105	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
	# 2665	1.0 1.3 2.9 2.0 Ol 1.2 #2665

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Sticky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer - PAC Ash Cell	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	
SCH-GWA-48	7/28/25	1352	G	WG			X	X	X	X	X	X	3
SCH-PAC-FD-8	7/28/25	-	G	WG			X	X	X	X	X	X	3
SCH-GWA-47	7/28/25	1446	G	WG			X	X	X	X	X	X	3

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II) III, IV, Other (specify) Level II data

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Sticky	7/29/25 0825	WSP	Mike Gremmick	7/29/25 0825	Columbia
Mike Gremmick	7/29/25 1100	Columbia		7-29-25	1105
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: # 2665 | Cooler Temperature(s) °C and Other Remarks: 1.0, 1.2 5 2.0 1.2 # 2665

Ver: 01/16/2019

8/15/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38144-1

Login Number: 38144
List Number: 1
Creator: Ceclu, Rodica

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Client: Southern Company
Job ID: 705-38144-1
Project/Site: Plant Scherer - PAC Ash Cell

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38144-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/29/2025 11:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-72453 and analytical batch 705-72749 contained Copper and Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38144-1

Client Sample ID: SCH-GWA-45 — Lab Sample ID: 705-38144-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	13		1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	140		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.94		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	19		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.045		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00084	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.00075	J B	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	8.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00073	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	2.4	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	46		25	12	mg/L	50		6020B	Total Recoverable
Thallium	0.00025	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Vanadium	0.0015	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	33		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	33		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	330		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PAC-EB-7 — Lab Sample ID: 705-38144-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.089	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.044	J	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.00066	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.00068	J B	0.0020	0.00064	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-GWC-29 — Lab Sample ID: 705-38144-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.7		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	19		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.019		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.0019	J B	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	12		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0040	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.77	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0030	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWC-29 (Continued)

Lab Sample ID: 705-38144-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	6.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0059		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	94		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	94		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-22

Lab Sample ID: 705-38144-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.98	mg/L	1		300.0	Total/NA
Calcium	7.5		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.020		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.016		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.0019	J B	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	4.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.81	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0054		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	44		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	44		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	74		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-21

Lab Sample ID: 705-38144-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.084	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.7		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	5.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.017		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.0011	J B	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	3.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00086	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.60	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0034	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	39		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	39		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	99		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38144-1

Client Sample ID: SCH-PAC-FB-7 — Lab Sample ID: 705-38144-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.083	J	0.20	0.081	mg/L	1		300.0	Total/NA
Potassium	0.050	J B	0.10	0.044	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-GWC-50 — Lab Sample ID: 705-38144-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.081	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	8.2		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0037	J	0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.0010	J B	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	4.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0045	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.58	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0024	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	5.7		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0043	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	44		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	44		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	82		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PAC-FB-8 — Lab Sample ID: 705-38144-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.084	J	0.20	0.081	mg/L	1		300.0	Total/NA
Copper	0.0021	B	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Potassium	0.046	J B	0.10	0.044	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-GWC-52 — Lab Sample ID: 705-38144-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	95		10	7.7	mg/L	10		300.0	Total/NA
Calcium	31		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.028		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.027		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.00088	J B	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	17		0.10	0.016	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-GWC-52 (Continued)

Lab Sample ID: 705-38144-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1.6	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.010		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	44		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	44		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	250		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-53

Lab Sample ID: 705-38144-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	16		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	190		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.1		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.015		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	12		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0075		0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.6		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	58		50	25	mg/L	100		6020B	Total Recoverable
Zinc	0.016		0.010	0.0089	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	7.2		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	7.2		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	370		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-49

Lab Sample ID: 705-38144-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.099	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.020		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0062		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.0012	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	7.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00045	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.82		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.2		0.50	0.25	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWA-49 (Continued)

Lab Sample ID: 705-38144-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.020		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	74		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	74		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	120		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-48

Lab Sample ID: 705-38144-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	13		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0057		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.00069	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	5.6		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.90		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.7		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.018		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	60		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	60		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 705-38144-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.6		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	13		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0057		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Copper	0.00065	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	5.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.89		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.7		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.018		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38144-1

Client Sample ID: SCH-GWA-47

Lab Sample ID: 705-38144-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.78	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0090		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.93		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	7.4		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0080		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	71		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	71		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWA-45

Lab Sample ID: 705-38144-1

Date Collected: 07/28/25 15:26

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		1.0	0.98	mg/L			07/31/25 02:45	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 02:45	1
Sulfate	**140**		10	7.7	mg/L			07/31/25 14:24	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.94**		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 17:36	1
Calcium	**19**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 17:36	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/11/25 20:45	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/11/25 20:45	1
Barium	**0.045**		0.010	0.00041	mg/L		08/05/25 10:22	08/11/25 20:45	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/11/25 20:45	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/11/25 20:45	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 10:22	08/11/25 20:45	1
Cobalt	**0.00084**	**J**	0.0050	0.00041	mg/L		08/05/25 10:22	08/11/25 20:45	1
Copper	**0.00075**	**J B**	0.0020	0.00064	mg/L		08/05/25 10:22	08/11/25 20:45	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/11/25 20:45	1
Magnesium	**8.8**		0.10	0.016	mg/L		08/05/25 10:22	08/11/25 20:45	1
Nickel	**0.00073**	**J**	0.0050	0.00042	mg/L		08/05/25 10:22	08/11/25 20:45	1
Potassium	**2.4**	**B**	0.10	0.044	mg/L		08/05/25 10:22	08/11/25 20:45	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 10:22	08/11/25 20:45	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/11/25 20:45	1
Sodium	**46**		25	12	mg/L		08/05/25 10:22	08/14/25 15:22	50
Thallium	**0.00025**	**J**	0.0010	0.00019	mg/L		08/05/25 10:22	08/11/25 20:45	1
Vanadium	**0.0015**	**J**	0.0050	0.0012	mg/L		08/05/25 10:22	08/11/25 20:45	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/11/25 20:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**33**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**33**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**330**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-PAC-EB-7

Lab Sample ID: 705-38144-2

Date Collected: 07/28/25 15:35

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 02:56	1

Client Sample ID: SCH-PAC-EB-7

Lab Sample ID: 705-38144-2

Date Collected: 07/28/25 15:35

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.089**	**J**	0.20	0.081	mg/L			07/31/25 02:56	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 02:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 17:51	1
Calcium	**0.044**	**J**	0.10	0.038	mg/L		08/07/25 08:54	08/07/25 17:51	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/11/25 20:48	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/11/25 20:48	1
Barium	**0.00066**	**J**	0.010	0.00041	mg/L		08/05/25 10:22	08/11/25 20:48	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/11/25 20:48	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/11/25 20:48	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 10:22	08/11/25 20:48	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 10:22	08/11/25 20:48	1
Copper	**0.00068**	**J B**	0.0020	0.00064	mg/L		08/05/25 10:22	08/11/25 20:48	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/11/25 20:48	1
Magnesium	<0.016		0.10	0.016	mg/L		08/05/25 10:22	08/11/25 20:48	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 10:22	08/11/25 20:48	1
Potassium	<0.044		0.10	0.044	mg/L		08/05/25 10:22	08/11/25 20:48	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 10:22	08/11/25 20:48	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/11/25 20:48	1
Sodium	<0.25		0.50	0.25	mg/L		08/05/25 10:22	08/11/25 20:48	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 10:22	08/11/25 20:48	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/05/25 10:22	08/11/25 20:48	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/11/25 20:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 705-38144-3

Date Collected: 07/28/25 14:35

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.0**		1.0	0.98	mg/L			07/31/25 03:08	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/31/25 03:08	1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 705-38144-3

Date Collected: 07/28/25 14:35

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.7**		1.0	0.77	mg/L			07/31/25 03:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 17:59	1
Calcium	**19**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 17:59	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/11/25 20:50	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/11/25 20:50	1
Barium	**0.019**		0.010	0.00041	mg/L		08/05/25 10:22	08/11/25 20:50	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/11/25 20:50	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/11/25 20:50	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 10:22	08/11/25 20:50	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 10:22	08/11/25 20:50	1
Copper	**0.0019**	**J B**	0.0020	0.00064	mg/L		08/05/25 10:22	08/11/25 20:50	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/11/25 20:50	1
Magnesium	**12**		0.10	0.016	mg/L		08/05/25 10:22	08/11/25 20:50	1
Nickel	**0.0040**	**J**	0.0050	0.00042	mg/L		08/05/25 10:22	08/11/25 20:50	1
Potassium	**0.77**	**B**	0.10	0.044	mg/L		08/05/25 10:22	08/11/25 20:50	1
Selenium	**0.0030**	**J**	0.0050	0.0023	mg/L		08/05/25 10:22	08/11/25 20:50	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/11/25 20:50	1
Sodium	**6.5**		0.50	0.25	mg/L		08/05/25 10:22	08/11/25 20:50	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 10:22	08/11/25 20:50	1
Vanadium	**0.0059**		0.0050	0.0012	mg/L		08/05/25 10:22	08/11/25 20:50	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/11/25 20:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**94**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**94**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-GWA-22

Lab Sample ID: 705-38144-4

Date Collected: 07/28/25 13:06

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.7**		1.0	0.98	mg/L			07/31/25 03:19	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 03:19	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 03:19	1

Client Sample ID: SCH-GWA-22

Lab Sample ID: 705-38144-4

Date Collected: 07/28/25 13:06

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:02	1
Calcium	**7.5**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:02	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/11/25 20:53	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/11/25 20:53	1
Barium	**0.020**		0.010	0.00041	mg/L		08/05/25 10:22	08/11/25 20:53	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/11/25 20:53	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/11/25 20:53	1
Chromium	**0.016**		0.0050	0.0037	mg/L		08/05/25 10:22	08/11/25 20:53	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 10:22	08/11/25 20:53	1
Copper	**0.0019**	**J B**	0.0020	0.00064	mg/L		08/05/25 10:22	08/11/25 20:53	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/11/25 20:53	1
Magnesium	**4.0**		0.10	0.016	mg/L		08/05/25 10:22	08/11/25 20:53	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 10:22	08/11/25 20:53	1
Potassium	**0.81**	**B**	0.10	0.044	mg/L		08/05/25 10:22	08/11/25 20:53	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 10:22	08/11/25 20:53	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/11/25 20:53	1
Sodium	**5.1**		0.50	0.25	mg/L		08/05/25 10:22	08/11/25 20:53	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 10:22	08/11/25 20:53	1
Vanadium	**0.0054**		0.0050	0.0012	mg/L		08/05/25 10:22	08/11/25 20:53	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/11/25 20:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 16:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**44**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**44**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**74**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 705-38144-5

Date Collected: 07/28/25 12:14

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.8**		1.0	0.98	mg/L			07/31/25 04:05	1
Fluoride	**0.084**	**J**	0.20	0.081	mg/L			07/31/25 04:05	1
Sulfate	**1.7**		1.0	0.77	mg/L			07/31/25 04:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:05	1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 705-38144-5

Date Collected: 07/28/25 12:14

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**5.8**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:05	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/11/25 21:14	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/11/25 21:14	1
Barium	**0.017**		0.010	0.00041	mg/L		08/05/25 10:22	08/11/25 21:14	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/11/25 21:14	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/11/25 21:14	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 10:22	08/11/25 21:14	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 10:22	08/11/25 21:14	1
Copper	**0.0011**	**J B**	0.0020	0.00064	mg/L		08/05/25 10:22	08/11/25 21:14	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/11/25 21:14	1
Magnesium	**3.9**		0.10	0.016	mg/L		08/05/25 10:22	08/11/25 21:14	1
Nickel	**0.00086**	**J**	0.0050	0.00042	mg/L		08/05/25 10:22	08/11/25 21:14	1
Potassium	**0.60**	**B**	0.10	0.044	mg/L		08/05/25 10:22	08/11/25 21:14	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 10:22	08/11/25 21:14	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/11/25 21:14	1
Sodium	**8.1**		0.50	0.25	mg/L		08/05/25 10:22	08/11/25 21:14	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 10:22	08/11/25 21:14	1
Vanadium	**0.0034**	**J**	0.0050	0.0012	mg/L		08/05/25 10:22	08/11/25 21:14	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/11/25 21:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**39**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**39**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**99**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 705-38144-6

Date Collected: 07/28/25 12:30

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 04:16	1
Fluoride	**0.083**	**J**	0.20	0.081	mg/L			07/31/25 04:16	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 04:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:08	1
Calcium	<0.038		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:08	1

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 705-38144-6

Date Collected: 07/28/25 12:30

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/11/25 21:17	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/11/25 21:17	1
Barium	<0.00041		0.010	0.00041	mg/L		08/05/25 10:22	08/11/25 21:17	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/11/25 21:17	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/11/25 21:17	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 10:22	08/11/25 21:17	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 10:22	08/11/25 21:17	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/05/25 10:22	08/11/25 21:17	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/11/25 21:17	1
Magnesium	<0.016		0.10	0.016	mg/L		08/05/25 10:22	08/11/25 21:17	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 10:22	08/11/25 21:17	1
Potassium	**0.050**	**J B**	0.10	0.044	mg/L		08/05/25 10:22	08/11/25 21:17	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 10:22	08/11/25 21:17	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/11/25 21:17	1
Sodium	<0.25		0.50	0.25	mg/L		08/05/25 10:22	08/11/25 21:17	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 10:22	08/11/25 21:17	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/05/25 10:22	08/11/25 21:17	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/11/25 21:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-GWC-50

Lab Sample ID: 705-38144-7

Date Collected: 07/28/25 14:26

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.8**		1.0	0.98	mg/L			07/31/25 04:27	1
Fluoride	**0.081**	**J**	0.20	0.081	mg/L			07/31/25 04:27	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 04:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:11	1
Calcium	**8.2**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:11	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/11/25 21:20	1

Client Sample ID: SCH-GWC-50

Lab Sample ID: 705-38144-7

Date Collected: 07/28/25 14:26

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/11/25 21:20	1
Barium	**0.013**		0.010	0.00041	mg/L		08/05/25 10:22	08/11/25 21:20	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/11/25 21:20	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/11/25 21:20	1
Chromium	**0.0037**	**J**	0.0050	0.0037	mg/L		08/05/25 10:22	08/11/25 21:20	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 10:22	08/11/25 21:20	1
Copper	**0.0010**	**J B**	0.0020	0.00064	mg/L		08/05/25 10:22	08/11/25 21:20	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/11/25 21:20	1
Magnesium	**4.1**		0.10	0.016	mg/L		08/05/25 10:22	08/11/25 21:20	1
Nickel	**0.0045**	**J**	0.0050	0.00042	mg/L		08/05/25 10:22	08/11/25 21:20	1
Potassium	**0.58**	**B**	0.10	0.044	mg/L		08/05/25 10:22	08/11/25 21:20	1
Selenium	**0.0024**	**J**	0.0050	0.0023	mg/L		08/05/25 10:22	08/11/25 21:20	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/11/25 21:20	1
Sodium	**5.7**		0.50	0.25	mg/L		08/05/25 10:22	08/11/25 21:20	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 10:22	08/11/25 21:20	1
Vanadium	**0.0043**	**J**	0.0050	0.0012	mg/L		08/05/25 10:22	08/11/25 21:20	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/11/25 21:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**44**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**44**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**82**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 705-38144-8

Date Collected: 07/28/25 14:28

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 04:39	1
Fluoride	**0.084**	**J**	0.20	0.081	mg/L			07/31/25 04:39	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 04:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:14	1
Calcium	<0.038		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:14	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/11/25 21:22	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/11/25 21:22	1

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 705-38144-8

Date Collected: 07/28/25 14:28

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		08/05/25 10:22	08/11/25 21:22	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/11/25 21:22	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/11/25 21:22	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 10:22	08/11/25 21:22	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 10:22	08/11/25 21:22	1
Copper	**0.0021**	**B**	0.0020	0.00064	mg/L		08/05/25 10:22	08/11/25 21:22	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/11/25 21:22	1
Magnesium	<0.016		0.10	0.016	mg/L		08/05/25 10:22	08/11/25 21:22	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 10:22	08/11/25 21:22	1
Potassium	**0.046**	**J B**	0.10	0.044	mg/L		08/05/25 10:22	08/11/25 21:22	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 10:22	08/11/25 21:22	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/11/25 21:22	1
Sodium	<0.25		0.50	0.25	mg/L		08/05/25 10:22	08/11/25 21:22	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 10:22	08/11/25 21:22	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/05/25 10:22	08/11/25 21:22	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/11/25 21:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-GWC-52

Lab Sample ID: 705-38144-9

Date Collected: 07/28/25 12:20

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.3**		1.0	0.98	mg/L			07/31/25 04:50	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/31/25 04:50	1
Sulfate	**95**		10	7.7	mg/L			07/31/25 14:35	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:17	1
Calcium	**31**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:17	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/11/25 21:25	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/11/25 21:25	1
Barium	**0.028**		0.010	0.00041	mg/L		08/05/25 10:22	08/11/25 21:25	1

Client Sample ID: SCH-GWC-52

Lab Sample ID: 705-38144-9

Date Collected: 07/28/25 12:20

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/11/25 21:25	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/11/25 21:25	1
Chromium	**0.027**		0.0050	0.0037	mg/L		08/05/25 10:22	08/11/25 21:25	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 10:22	08/11/25 21:25	1
Copper	**0.00088**	**J B**	0.0020	0.00064	mg/L		08/05/25 10:22	08/11/25 21:25	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/11/25 21:25	1
Magnesium	**17**		0.10	0.016	mg/L		08/05/25 10:22	08/11/25 21:25	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 10:22	08/11/25 21:25	1
Potassium	**1.6**	**B**	0.10	0.044	mg/L		08/05/25 10:22	08/11/25 21:25	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 10:22	08/11/25 21:25	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/11/25 21:25	1
Sodium	**11**		0.50	0.25	mg/L		08/05/25 10:22	08/11/25 21:25	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 10:22	08/11/25 21:25	1
Vanadium	**0.010**		0.0050	0.0012	mg/L		08/05/25 10:22	08/11/25 21:25	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/11/25 21:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**44**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**44**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**250**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 705-38144-10

Date Collected: 07/28/25 13:20

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		1.0	0.98	mg/L			07/31/25 05:01	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/31/25 05:01	1
Sulfate	**190**		10	7.7	mg/L			07/31/25 14:47	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.1**		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:20	1
Calcium	**21**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:20	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 21:01	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 21:01	1
Barium	**0.031**		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 21:01	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 21:01	1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 705-38144-10

Date Collected: 07/28/25 13:20

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 21:01	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 21:01	1
Cobalt	**0.015**		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 21:01	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/05/25 11:21	08/06/25 21:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 21:01	1
Magnesium	**12**		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 21:01	1
Nickel	**0.0075**		0.0050	0.00042	mg/L		08/05/25 11:21	08/06/25 21:01	1
Potassium	**1.6**		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 21:01	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 21:01	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 11:21	08/06/25 21:01	1
Sodium	**58**		50	25	mg/L		08/05/25 11:21	08/14/25 15:57	100
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 21:01	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/05/25 11:21	08/06/25 21:01	1
Zinc	**0.016**		0.010	0.0089	mg/L		08/05/25 11:21	08/06/25 21:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**7.2**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**7.2**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**370**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-GWA-49

Lab Sample ID: 705-38144-11

Date Collected: 07/28/25 12:33

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.0**		1.0	0.98	mg/L			07/31/25 05:13	1
Fluoride	**0.099**	**J**	0.20	0.081	mg/L			07/31/25 05:13	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 05:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:23	1
Calcium	**15**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:23	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 21:03	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 21:03	1
Barium	**0.020**		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 21:03	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 21:03	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 21:03	1

Client Sample ID: SCH-GWA-49

Lab Sample ID: 705-38144-11

Date Collected: 07/28/25 12:33

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0062**		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 21:03	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 21:03	1
Copper	**0.0012**	**J**	0.0020	0.00064	mg/L		08/05/25 11:21	08/06/25 21:03	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 21:03	1
Magnesium	**7.3**		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 21:03	1
Nickel	**0.00045**	**J**	0.0050	0.00042	mg/L		08/05/25 11:21	08/06/25 21:03	1
Potassium	**0.82**		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 21:03	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 21:03	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 11:21	08/06/25 21:03	1
Sodium	**6.2**		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 21:03	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 21:03	1
Vanadium	**0.020**		0.0050	0.0012	mg/L		08/05/25 11:21	08/06/25 21:03	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 11:21	08/06/25 21:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**74**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**74**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**120**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-GWA-48

Lab Sample ID: 705-38144-12

Date Collected: 07/28/25 13:52

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.6**		1.0	0.98	mg/L			07/31/25 05:24	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/31/25 05:24	1
Sulfate	**1.0**		1.0	0.77	mg/L			07/31/25 05:24	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:26	1
Calcium	**13**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:26	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 21:06	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 21:06	1
Barium	**0.013**		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 21:06	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 21:06	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 21:06	1
Chromium	**0.0057**		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 21:06	1

Client Sample ID: SCH-GWA-48

Lab Sample ID: 705-38144-12

Date Collected: 07/28/25 13:52

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 21:06	1
Copper	**0.00069**	**J**	0.0020	0.00064	mg/L		08/05/25 11:21	08/06/25 21:06	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 21:06	1
Magnesium	**5.6**		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 21:06	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 11:21	08/06/25 21:06	1
Potassium	**0.90**		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 21:06	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 21:06	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 11:21	08/06/25 21:06	1
Sodium	**5.7**		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 21:06	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 21:06	1
Vanadium	**0.018**		0.0050	0.0012	mg/L		08/05/25 11:21	08/06/25 21:06	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 11:21	08/06/25 21:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**60**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**60**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 705-38144-13

Date Collected: 07/28/25 00:00

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.9**		1.0	0.98	mg/L			07/31/25 05:35	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/31/25 05:35	1
Sulfate	**1.6**		1.0	0.77	mg/L			07/31/25 05:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:34	1
Calcium	**13**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:34	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 21:09	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 21:09	1
Barium	**0.013**		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 21:09	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 21:09	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 21:09	1
Chromium	**0.0057**		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 21:09	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 21:09	1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 705-38144-13

Date Collected: 07/28/25 00:00

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	**0.00065**	**J**	0.0020	0.00064	mg/L		08/05/25 11:21	08/06/25 21:09	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 21:09	1
Magnesium	**5.5**		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 21:09	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 11:21	08/06/25 21:09	1
Potassium	**0.89**		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 21:09	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 21:09	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 11:21	08/06/25 21:09	1
Sodium	**5.7**		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 21:09	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 21:09	1
Vanadium	**0.018**		0.0050	0.0012	mg/L		08/05/25 11:21	08/06/25 21:09	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 11:21	08/06/25 21:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			08/01/25 14:45	1

Client Sample ID: SCH-GWA-47

Lab Sample ID: 705-38144-14

Date Collected: 07/28/25 14:46

Matrix: Water

Date Received: 07/29/25 11:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.0**		1.0	0.98	mg/L			07/31/25 05:47	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/31/25 05:47	1
Sulfate	**0.78**	**J**	1.0	0.77	mg/L			07/31/25 05:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 18:37	1
Calcium	**14**		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 18:37	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 21:27	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 21:27	1
Barium	**0.031**		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 21:27	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 21:27	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 21:27	1
Chromium	**0.0090**		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 21:27	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 21:27	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/05/25 11:21	08/06/25 21:27	1

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38144-1

Client Sample ID: SCH-GWA-47
Date Collected: 07/28/25 14:46
Date Received: 07/29/25 11:05

Lab Sample ID: 705-38144-14
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 21:27	1
Magnesium	**6.5**		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 21:27	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 11:21	08/06/25 21:27	1
Potassium	**0.93**		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 21:27	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 21:27	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 11:21	08/06/25 21:27	1
Sodium	**7.4**		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 21:27	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 21:27	1
Vanadium	**0.0080**		0.0050	0.0012	mg/L		08/05/25 11:21	08/06/25 21:27	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 11:21	08/06/25 21:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**71**		3.0	3.0	mg/L			08/06/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**71**		3.0	3.0	mg/L			08/06/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/06/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			08/01/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38144-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38144-1

Client Sample ID: SCH-GWA-45

Lab Sample ID: 705-38144-1

Date Collected: 07/28/25 15:26
Date Received: 07/29/25 11:05

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 02:45
Total/NA	Analysis	300.0		10	71583	MS	EET ATL	07/31/25 14:24
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 17:36
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 20:45
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		50	75029	IF	EET ATL	08/14/25 15:22
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 16:24
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-PAC-EB-7

Lab Sample ID: 705-38144-2

Date Collected: 07/28/25 15:35
Date Received: 07/29/25 11:05

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 02:56
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 17:51
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 20:48
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 16:35
Total/NA	Analysis	2320B-2011		1	72461	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-GWC-29

Lab Sample ID: 705-38144-3

Date Collected: 07/28/25 14:35
Date Received: 07/29/25 11:05

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 03:08
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 17:59
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 20:50
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 16:39
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38144-1

Client Sample ID: SCH-GWA-22

Lab Sample ID: 705-38144-4

Date Collected: 07/28/25 13:06
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 03:19
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:02
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 20:53
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 16:43
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-GWA-21

Lab Sample ID: 705-38144-5

Date Collected: 07/28/25 12:14
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 04:05
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:05
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 21:14
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 16:47
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 705-38144-6

Date Collected: 07/28/25 12:30
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 04:16
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:08
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 21:17
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 16:51
Total/NA	Analysis	2320B-2011		1	72461	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38144-1

Client Sample ID: SCH-GWC-50

Lab Sample ID: 705-38144-7

Date Collected: 07/28/25 14:26
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 04:27
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:11
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 21:20
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:07
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 705-38144-8

Date Collected: 07/28/25 14:28
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 04:39
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:14
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 21:22
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:11
Total/NA	Analysis	2320B-2011		1	72461	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-GWC-52

Lab Sample ID: 705-38144-9

Date Collected: 07/28/25 12:20
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 04:50
Total/NA	Analysis	300.0		10	71583	MS	EET ATL	07/31/25 14:35
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:17
Total Recoverable	Prep	3005A			72453	EF	EET ATL	08/05/25 10:22
Total Recoverable	Analysis	6020B		1	74196	IF	EET ATL	08/11/25 21:25
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:14
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-GWC-53

Lab Sample ID: 705-38144-10

Date Collected: 07/28/25 13:20

Matrix: Water

Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 05:01
Total/NA	Analysis	300.0		10	71583	MS	EET ATL	07/31/25 14:47
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:20
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 21:01
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		100	75029	IF	EET ATL	08/14/25 15:57
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:18
Total/NA	Analysis	2320B-2011		1	73086	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-GWA-49

Lab Sample ID: 705-38144-11

Date Collected: 07/28/25 12:33

Matrix: Water

Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 05:13
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:23
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 21:03
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:22
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-GWA-48

Lab Sample ID: 705-38144-12

Date Collected: 07/28/25 13:52

Matrix: Water

Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 05:24
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:26
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 21:06
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:26
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Lab Chronicle

Client: Southern Company
Job ID: 705-38144-1
Project/Site: Plant Scherer - PAC Ash Cell

Client Sample ID: SCH-PAC-FD-8
Lab Sample ID: 705-38144-13

Date Collected: 07/28/25 00:00
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 05:35
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:34
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 21:09
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:30
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Client Sample ID: SCH-GWA-47
Lab Sample ID: 705-38144-14

Date Collected: 07/28/25 14:46
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/31/25 05:47
Total/NA	Prep	3010A			72984	BR	EET ATL	08/07/25 08:54
Total/NA	Analysis	6010D		1	73367	DS	EET ATL	08/07/25 18:37
Total Recoverable	Prep	3005A			72507	TR	EET ATL	08/05/25 11:21
Total Recoverable	Analysis	6020B		1	73134	IF	EET ATL	08/06/25 21:27
Total/NA	Prep	7470A			74284	GR	EET ATL	08/12/25 12:26
Total/NA	Analysis	7470A		1	74432	GR	EET ATL	08/12/25 17:34
Total/NA	Analysis	2320B-2011		1	72921	AH	EET ATL	08/06/25 13:05
Total/NA	Analysis	2540C - 2015		1	71671	NN	EET ATL	08/01/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71283/172
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 01:36	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 01:36	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 01:36	1

Lab Sample ID: LCS 705-71283/173
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.0		mg/L		100	90 - 110		
Fluoride			5.00	4.87		mg/L		97	90 - 110		
Sulfate			25.0	25.6		mg/L		102	90 - 110		

Lab Sample ID: 705-38283-D-2 MS
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4.7		10.0	14.5		mg/L		98	90 - 110		
Fluoride	0.12	J	5.00	4.83		mg/L		94	90 - 110		
Sulfate	3.9		25.0	28.3		mg/L		98	90 - 110		

Lab Sample ID: 705-38283-D-2 MSD
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.7		10.0	15.1		mg/L		104	90 - 110	4	20
Fluoride	0.12	J	5.00	4.97		mg/L		97	90 - 110	3	20
Sulfate	3.9		25.0	29.2		mg/L		101	90 - 110	3	20

Lab Sample ID: MB 705-71583/3
Matrix: Water
Analysis Batch: 71583

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 11:02	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 11:02	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 11:02	1

Lab Sample ID: LCS 705-71583/4
Matrix: Water
Analysis Batch: 71583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.1		mg/L		101	90 - 110		
Fluoride			5.00	4.86		mg/L		97	90 - 110		
Sulfate			25.0	26.3		mg/L		105	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-38347-A-1 MS
Matrix: Water
Analysis Batch: 71583

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	12.1		mg/L		98	90 - 110
Fluoride	0.089	J	5.00	4.62		mg/L		91	90 - 110
Sulfate	1.1		25.0	26.1		mg/L		100	90 - 110

Lab Sample ID: 705-38347-A-1 MSD
Matrix: Water
Analysis Batch: 71583

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	12.7		mg/L		103	90 - 110	5	20
Fluoride	0.089	J	5.00	4.87		mg/L		96	90 - 110	5	20
Sulfate	1.1		25.0	26.6		mg/L		102	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-72984/1-A
Matrix: Water
Analysis Batch: 73367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72984

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/07/25 08:54	08/07/25 17:30	1
Calcium	<0.038		0.10	0.038	mg/L		08/07/25 08:54	08/07/25 17:30	1

Lab Sample ID: LCS 705-72984/2-A
Matrix: Water
Analysis Batch: 73367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72984

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.949		mg/L		95	80 - 120
Calcium	10.0	9.62		mg/L		96	80 - 120

Lab Sample ID: 705-38144-1 MS
Matrix: Water
Analysis Batch: 73367

Client Sample ID: SCH-GWA-45
Prep Type: Total/NA
Prep Batch: 72984

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.94		1.00	1.91		mg/L		97	75 - 125
Calcium	19		10.0	29.0		mg/L		99	75 - 125

Lab Sample ID: 705-38144-B-1-D MSD
Matrix: Water
Analysis Batch: 73367

Client Sample ID: 705-38144-B-1-D MSD
Prep Type: Total/NA
Prep Batch: 72984

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.94		1.00	2.03		mg/L		109	75 - 125	6	20
Calcium	19		10.0	30.7		mg/L		116	75 - 125	6	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-72453/1-A
Matrix: Water
Analysis Batch: 72749

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 10:22	08/06/25 01:11	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 10:22	08/06/25 01:11	1
Barium	<0.00041		0.010	0.00041	mg/L		08/05/25 10:22	08/06/25 01:11	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 10:22	08/06/25 01:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 10:22	08/06/25 01:11	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 10:22	08/06/25 01:11	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 10:22	08/06/25 01:11	1
Copper	0.00170	J	0.0020	0.00064	mg/L		08/05/25 10:22	08/06/25 01:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 10:22	08/06/25 01:11	1
Magnesium	<0.016		0.10	0.016	mg/L		08/05/25 10:22	08/06/25 01:11	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 10:22	08/06/25 01:11	1
Potassium	0.0471	J	0.10	0.044	mg/L		08/05/25 10:22	08/06/25 01:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 10:22	08/06/25 01:11	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 10:22	08/06/25 01:11	1
Sodium	<0.25		0.50	0.25	mg/L		08/05/25 10:22	08/06/25 01:11	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 10:22	08/06/25 01:11	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/05/25 10:22	08/06/25 01:11	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 10:22	08/06/25 01:11	1

Lab Sample ID: LCS 705-72453/2-A
Matrix: Water
Analysis Batch: 72749

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0984		mg/L		98	80 - 120
Arsenic	0.100	0.0919		mg/L		92	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.100	0.106		mg/L		106	80 - 120
Cadmium	0.100	0.0983		mg/L		98	80 - 120
Chromium	0.100	0.0899		mg/L		90	80 - 120
Cobalt	0.100	0.0937		mg/L		94	80 - 120
Copper	0.100	0.0937		mg/L		94	80 - 120
Lead	0.100	0.0982		mg/L		98	80 - 120
Magnesium	1.00	0.938		mg/L		94	80 - 120
Nickel	0.100	0.0921		mg/L		92	80 - 120
Potassium	1.00	0.947		mg/L		95	80 - 120
Selenium	0.100	0.0954		mg/L		95	80 - 120
Silver	0.0100	0.0101		mg/L		101	80 - 120
Sodium	1.00	0.896		mg/L		90	80 - 120
Thallium	0.100	0.0921		mg/L		92	80 - 120
Vanadium	0.100	0.0911		mg/L		91	80 - 120
Zinc	0.100	0.0955		mg/L		95	80 - 120

Lab Sample ID: 705-38633-D-1-B MS
Matrix: Water
Analysis Batch: 72749

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 72453

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0983		mg/L		98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38633-D-1-B MS
Matrix: Water
Analysis Batch: 72749

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 72453

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	<0.0013		0.100	0.0917		mg/L		92	75 - 125
Barium	0.0098	J	0.100	0.112		mg/L		102	75 - 125
Beryllium	0.00018	J	0.100	0.100		mg/L		100	75 - 125
Cadmium	<0.00024		0.100	0.0988		mg/L		99	75 - 125
Chromium	<0.0037		0.100	0.0944		mg/L		94	75 - 125
Cobalt	0.0037	J	0.100	0.101		mg/L		97	75 - 125
Copper	0.0067	B	0.100	0.101		mg/L		94	75 - 125
Lead	0.0077		0.100	0.106		mg/L		98	75 - 125
Magnesium	0.21		1.00	1.16		mg/L		95	75 - 125
Nickel	0.0045	J	0.100	0.0986		mg/L		94	75 - 125
Potassium	0.90	B	1.00	1.80		mg/L		90	75 - 125
Selenium	<0.0023		0.100	0.0968		mg/L		97	75 - 125
Silver	<0.00017		0.0100	0.00998		mg/L		100	75 - 125
Sodium	1.1		1.00	2.13		mg/L		100	75 - 125
Thallium	0.00070	J	0.100	0.0924		mg/L		92	75 - 125
Vanadium	<0.0012		0.100	0.0933		mg/L		93	75 - 125
Zinc	<0.0089		0.100	0.109		mg/L		109	75 - 125

Lab Sample ID: 705-38633-D-1-C MSD
Matrix: Water
Analysis Batch: 72749

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 72453

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.102		mg/L		102	75 - 125	4	20
Arsenic	<0.0013		0.100	0.0966		mg/L		97	75 - 125	5	20
Barium	0.0098	J	0.100	0.117		mg/L		107	75 - 125	4	20
Beryllium	0.00018	J	0.100	0.103		mg/L		103	75 - 125	3	20
Cadmium	<0.00024		0.100	0.0996		mg/L		100	75 - 125	1	20
Chromium	<0.0037		0.100	0.0953		mg/L		95	75 - 125	1	20
Cobalt	0.0037	J	0.100	0.102		mg/L		98	75 - 125	1	20
Copper	0.0067	B	0.100	0.103		mg/L		96	75 - 125	2	20
Lead	0.0077		0.100	0.107		mg/L		100	75 - 125	2	20
Magnesium	0.21		1.00	1.18		mg/L		97	75 - 125	2	20
Nickel	0.0045	J	0.100	0.102		mg/L		97	75 - 125	3	20
Potassium	0.90	B	1.00	1.88		mg/L		99	75 - 125	5	20
Selenium	<0.0023		0.100	0.0987		mg/L		99	75 - 125	2	20
Silver	<0.00017		0.0100	0.0101		mg/L		101	75 - 125	1	20
Sodium	1.1		1.00	2.17		mg/L		104	75 - 125	2	20
Thallium	0.00070	J	0.100	0.0939		mg/L		93	75 - 125	2	20
Vanadium	<0.0012		0.100	0.0949		mg/L		95	75 - 125	2	20
Zinc	<0.0089		0.100	0.107		mg/L		107	75 - 125	1	20

Lab Sample ID: MB 705-72507/1-A
Matrix: Water
Analysis Batch: 73134

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/05/25 11:21	08/06/25 20:07	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/05/25 11:21	08/06/25 20:07	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-72507/1-A
Matrix: Water
Analysis Batch: 73134

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		08/05/25 11:21	08/06/25 20:07	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/05/25 11:21	08/06/25 20:07	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/05/25 11:21	08/06/25 20:07	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/05/25 11:21	08/06/25 20:07	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/05/25 11:21	08/06/25 20:07	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/05/25 11:21	08/06/25 20:07	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/05/25 11:21	08/06/25 20:07	1
Magnesium	<0.016		0.10	0.016	mg/L		08/05/25 11:21	08/06/25 20:07	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/05/25 11:21	08/06/25 20:07	1
Potassium	<0.044		0.10	0.044	mg/L		08/05/25 11:21	08/06/25 20:07	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/05/25 11:21	08/06/25 20:07	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/05/25 11:21	08/06/25 20:07	1
Sodium	<0.25		0.50	0.25	mg/L		08/05/25 11:21	08/06/25 20:07	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/05/25 11:21	08/06/25 20:07	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/05/25 11:21	08/06/25 20:07	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/05/25 11:21	08/06/25 20:07	1

Lab Sample ID: LCS 705-72507/2-A
Matrix: Water
Analysis Batch: 73134

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.100		mg/L		100	80 - 120
Arsenic	0.100	0.0984		mg/L		98	80 - 120
Barium	0.100	0.0966		mg/L		97	80 - 120
Beryllium	0.100	0.0973		mg/L		97	80 - 120
Cadmium	0.100	0.0956		mg/L		96	80 - 120
Chromium	0.100	0.0983		mg/L		98	80 - 120
Cobalt	0.100	0.0997		mg/L		100	80 - 120
Copper	0.100	0.102		mg/L		102	80 - 120
Lead	0.100	0.0994		mg/L		99	80 - 120
Magnesium	1.00	0.982		mg/L		98	80 - 120
Nickel	0.100	0.101		mg/L		101	80 - 120
Potassium	1.00	0.950		mg/L		95	80 - 120
Selenium	0.100	0.0952		mg/L		95	80 - 120
Silver	0.0100	0.00991		mg/L		99	80 - 120
Sodium	1.00	1.06		mg/L		106	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120
Vanadium	0.100	0.0992		mg/L		99	80 - 120
Zinc	0.100	0.0997		mg/L		100	80 - 120

Lab Sample ID: 705-38147-C-1-B MS
Matrix: Water
Analysis Batch: 73134

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0992		mg/L		99	75 - 125
Arsenic	<0.0013		0.100	0.0988		mg/L		99	75 - 125
Barium	0.052		0.100	0.148		mg/L		96	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38147-C-1-B MS
Matrix: Water
Analysis Batch: 73134

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.00015		0.100	0.0966		mg/L		97	75 - 125
Cadmium	<0.00024		0.100	0.0953		mg/L		95	75 - 125
Chromium	<0.0037		0.100	0.102		mg/L		102	75 - 125
Cobalt	<0.00041		0.100	0.101		mg/L		101	75 - 125
Copper	0.0010	J	0.100	0.104		mg/L		103	75 - 125
Lead	<0.00086		0.100	0.0997		mg/L		100	75 - 125
Magnesium	8.5		1.00	9.45	4	mg/L		93	75 - 125
Nickel	0.0028	J	0.100	0.106		mg/L		103	75 - 125
Potassium	1.2		1.00	2.18		mg/L		97	75 - 125
Selenium	<0.0023		0.100	0.0962		mg/L		96	75 - 125
Silver	<0.00017		0.0100	0.00993		mg/L		99	75 - 125
Sodium	16		1.00	17.0	4	mg/L		114	75 - 125
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125
Vanadium	0.0056		0.100	0.107		mg/L		102	75 - 125
Zinc	<0.0089		0.100	0.101		mg/L		101	75 - 125

Lab Sample ID: 705-38147-C-1-C MSD
Matrix: Water
Analysis Batch: 73134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 72507

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0988		mg/L		99	75 - 125	0	20
Arsenic	<0.0013		0.100	0.0973		mg/L		97	75 - 125	2	20
Barium	0.052		0.100	0.146		mg/L		94	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0996		mg/L		100	75 - 125	3	20
Cadmium	<0.00024		0.100	0.0959		mg/L		96	75 - 125	1	20
Chromium	<0.0037		0.100	0.101		mg/L		101	75 - 125	1	20
Cobalt	<0.00041		0.100	0.0986		mg/L		99	75 - 125	2	20
Copper	0.0010	J	0.100	0.101		mg/L		100	75 - 125	2	20
Lead	<0.00086		0.100	0.100		mg/L		100	75 - 125	1	20
Magnesium	8.5		1.00	9.40	4	mg/L		89	75 - 125	0	20
Nickel	0.0028	J	0.100	0.102		mg/L		99	75 - 125	4	20
Potassium	1.2		1.00	2.12		mg/L		91	75 - 125	3	20
Selenium	<0.0023		0.100	0.0972		mg/L		97	75 - 125	1	20
Silver	<0.00017		0.0100	0.0100		mg/L		100	75 - 125	1	20
Sodium	16		1.00	16.8	4	mg/L		93	75 - 125	1	20
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125	0	20
Vanadium	0.0056		0.100	0.107		mg/L		101	75 - 125	1	20
Zinc	<0.0089		0.100	0.101		mg/L		101	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74284/1-A
Matrix: Water
Analysis Batch: 74432

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/12/25 12:26	08/12/25 16:16	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-74284/2-A
Matrix: Water
Analysis Batch: 74432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74284

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00403		mg/L		101	80 - 120		

Lab Sample ID: 705-38144-1 MS
Matrix: Water
Analysis Batch: 74432

Client Sample ID: SCH-GWA-45
Prep Type: Total/NA
Prep Batch: 74284

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00395		mg/L		99	75 - 125		

Lab Sample ID: 705-38144-1 MSD
Matrix: Water
Analysis Batch: 74432

Client Sample ID: SCH-GWA-45
Prep Type: Total/NA
Prep Batch: 74284

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00391		mg/L		98	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-72366/1
Matrix: Water
Analysis Batch: 72366

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	125		mg/L		100	90 - 110		
Bicarbonate Alkalinity as CaCO3			125	125		mg/L		100	90 - 110		

Lab Sample ID: 705-38046-C-1 DU
Matrix: Water
Analysis Batch: 72366

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	21			21.5		mg/L				3	30
Bicarbonate Alkalinity as CaCO3	21			21.5		mg/L				3	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Lab Sample ID: LCS 705-72921/1
Matrix: Water
Analysis Batch: 72921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	124		mg/L		100	90 - 110		
Bicarbonate Alkalinity as CaCO3			125	124		mg/L		100	90 - 110		

Lab Sample ID: 705-38144-11 DU
Matrix: Water
Analysis Batch: 72921

Client Sample ID: SCH-GWA-49
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	74			73.7		mg/L				0.2	30
Bicarbonate Alkalinity as CaCO3	74			73.7		mg/L				0.2	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 705-38144-11 DU
Matrix: Water
Analysis Batch: 72921

Client Sample ID: SCH-GWA-49
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71671/1
Matrix: Water
Analysis Batch: 71671

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/01/25 14:45	1

Lab Sample ID: LCS 705-71671/2
Matrix: Water
Analysis Batch: 71671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1020		mg/L		103	80 - 120		

Lab Sample ID: 705-38152-B-1 DU
Matrix: Water
Analysis Batch: 71671

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	160			163		mg/L				5	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38144-1
Project/Site: Plant Scherer - PAC Ash Cell

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/30/2025 2:22:20 PM Revision 1

JOB DESCRIPTION

Plant Scherer - PAC Ash Cell

JOB NUMBER

705-38420-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

Generated
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Revision 1

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38420-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38420-1	SCH-GWA-46	Water	07/30/25 12:36	07/31/25 11:22	Georgia
705-38420-2	SCH-PAC-FD-7	Water	07/30/25 00:00	07/31/25 11:22	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-27-8156	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer - PAC Ash Cell	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity	Total Number of containers
Preservation Code:							N	N	D	D	D	N	
SCH-GWA-46	7/30/25	12:36	G	WG			X	X	X	X	X	X	3
SCH-PAC-FD-7	7/30/25	--	G	WG			X	X	X	X	X	X	3
SCH-GWC-19	7/30/25	10:28	G	WG			X	X	X	X	X	X	3

705-38420 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/31/25 826	WSP	Mike Gemmill	7/31/25 828	Com How
Mike Gemmill	7/31/25 1128	Com How		7.31.25 11:22	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	
		# 2665	3.6 3.3 3.2 2.9

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38420-1

Login Number: 38420
List Number: 1
Creator: Tescum, Allyson

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38420-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-38420-1

Revision 1
The report being provided is a revision of the original report sent on 8/15/2025. The report is being revised in order to add the explanation below why the results for GWC-19 are not reported in this report.

Project Manager Comments
Per request by WSP, Client Sample ID, SCH-GWC-19, should not be reported in this PAC Ash Cell report as this sample is associated with Plant Scherer Cell 1.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/31/2025 11:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 3.2°C, 3.3°C and 3.6°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38420-1

Client Sample ID: SCH-GWA-46 — Lab Sample ID: 705-38420-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	6.5		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.022		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0044	J	0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	3.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.76		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00034	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Vanadium	0.0020	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Mercury	0.00018	J	0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	31		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	31		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	49		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-PAC-FD-7 — Lab Sample ID: 705-38420-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.098	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	6.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.023		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0042	J	0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	3.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00042	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.75		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.4		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0020	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Mercury	0.00017	J	0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	32		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	32		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	54		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWA-46

Lab Sample ID: 705-38420-1

Date Collected: 07/30/25 12:36

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.3**		1.0	0.98	mg/L			08/09/25 04:11	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			08/09/25 04:11	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 04:11	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 19:10	1
Calcium	**6.5**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 19:10	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 09:12	08/11/25 19:19	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 09:12	08/11/25 19:19	1
Barium	**0.022**		0.010	0.00041	mg/L		08/11/25 09:12	08/11/25 19:19	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 09:12	08/11/25 19:19	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 09:12	08/11/25 19:19	1
Chromium	**0.0044**	**J**	0.0050	0.0037	mg/L		08/11/25 09:12	08/11/25 19:19	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 09:12	08/11/25 19:19	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 09:12	08/11/25 19:19	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 09:12	08/11/25 19:19	1
Magnesium	**3.2**		0.10	0.016	mg/L		08/11/25 09:12	08/11/25 19:19	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/11/25 09:12	08/11/25 19:19	1
Potassium	**0.76**		0.10	0.044	mg/L		08/11/25 09:12	08/11/25 19:19	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 09:12	08/11/25 19:19	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 09:12	08/11/25 19:19	1
Sodium	**4.5**		0.50	0.25	mg/L		08/11/25 09:12	08/11/25 19:19	1
Thallium	**0.00034**	**J**	0.0010	0.00019	mg/L		08/11/25 09:12	08/11/25 19:19	1
Vanadium	**0.0020**	**J**	0.0050	0.0012	mg/L		08/11/25 09:12	08/11/25 19:19	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/11/25 09:12	08/11/25 19:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00018**	**J**	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 16:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**31**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**31**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**49**		10	10	mg/L			08/05/25 14:45	1

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 705-38420-2

Date Collected: 07/30/25 00:00

Matrix: Water

Date Received: 07/31/25 11:22

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.2**		1.0	0.98	mg/L			08/09/25 04:22	1

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38420-1

Client Sample ID: SCH-PAC-FD-7

Date Collected: 07/30/25 00:00
Date Received: 07/31/25 11:22

Lab Sample ID: 705-38420-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.098**	**J**	0.20	0.081	mg/L			08/09/25 04:22	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 04:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 18:48	1
Calcium	**6.4**		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 18:48	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 09:12	08/11/25 19:36	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 09:12	08/11/25 19:36	1
Barium	**0.023**		0.010	0.00041	mg/L		08/11/25 09:12	08/11/25 19:36	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 09:12	08/11/25 19:36	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 09:12	08/11/25 19:36	1
Chromium	**0.0042**	**J**	0.0050	0.0037	mg/L		08/11/25 09:12	08/11/25 19:36	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 09:12	08/11/25 19:36	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 09:12	08/11/25 19:36	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 09:12	08/11/25 19:36	1
Magnesium	**3.1**		0.10	0.016	mg/L		08/11/25 09:12	08/11/25 19:36	1
Nickel	**0.00042**	**J**	0.0050	0.00042	mg/L		08/11/25 09:12	08/11/25 19:36	1
Potassium	**0.75**		0.10	0.044	mg/L		08/11/25 09:12	08/11/25 19:36	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 09:12	08/11/25 19:36	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 09:12	08/11/25 19:36	1
Sodium	**4.4**		0.50	0.25	mg/L		08/11/25 09:12	08/11/25 19:36	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 09:12	08/11/25 19:36	1
Vanadium	**0.0020**	**J**	0.0050	0.0012	mg/L		08/11/25 09:12	08/11/25 19:36	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/11/25 09:12	08/11/25 19:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00017**	**J**	0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**32**		3.0	3.0	mg/L			08/12/25 14:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**32**		3.0	3.0	mg/L			08/12/25 14:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/12/25 14:05	1
Total Dissolved Solids (SM 2540C - 2015)	**54**		10	10	mg/L			08/05/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38420-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-38420-1

Client Sample ID: SCH-GWA-46

Lab Sample ID: 705-38420-1

Date Collected: 07/30/25 12:36
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 04:11
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 19:10
Total Recoverable	Prep	3005A			73561	BR	EET ATL	08/11/25 09:12
Total Recoverable	Analysis	6020B		1	74146	MD	EET ATL	08/11/25 19:19
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 16:40
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 705-38420-2

Date Collected: 07/30/25 00:00
Matrix: Water
Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 04:22
Total/NA	Prep	3010A			74201	EF	EET ATL	08/12/25 11:23
Total/NA	Analysis	6010D		1	74440	DS	EET ATL	08/12/25 18:48
Total Recoverable	Prep	3005A			73561	BR	EET ATL	08/11/25 09:12
Total Recoverable	Analysis	6020B		1	74146	MD	EET ATL	08/11/25 19:36
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 16:44
Total/NA	Analysis	2320B-2011		1	74363	AH	EET ATL	08/12/25 14:05
Total/NA	Analysis	2540C - 2015		1	72578	NN	EET ATL	08/05/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-73533/152
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/09/25 01:06	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 01:06	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 01:06	1

Lab Sample ID: LCS 705-73533/153
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.54		mg/L		95	90 - 110
Fluoride	5.00	4.57		mg/L		91	90 - 110
Sulfate	25.0	23.7		mg/L		95	90 - 110

Lab Sample ID: 705-39223-B-2 MS
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	210	F1	100	293	F1	mg/L		87	90 - 110
Fluoride	18	F2 F1	50.0	60.1	F1	mg/L		84	90 - 110
Sulfate	<7.7		250	240		mg/L		96	90 - 110

Lab Sample ID: 705-39223-B-2 MSD
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	210	F1	100	284	F1	mg/L		77	90 - 110	3	20
Fluoride	18	F2 F1	50.0	48.6	F2 F1	mg/L		60	90 - 110	21	20
Sulfate	<7.7		250	236		mg/L		95	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-74201/1-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/12/25 11:23	08/12/25 18:42	1
Calcium	<0.038		0.10	0.038	mg/L		08/12/25 11:23	08/12/25 18:42	1

Lab Sample ID: LCS 705-74201/2-A
Matrix: Water
Analysis Batch: 74440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.979		mg/L		98	80 - 120
Calcium	10.0	10.1		mg/L		101	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-38420-2 MS
Matrix: Water
Analysis Batch: 74440

Client Sample ID: SCH-PAC-FD-7
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.992		mg/L		99	75 - 125
Calcium	6.4		10.0	16.7		mg/L		103	75 - 125

Lab Sample ID: 705-38420-C-2-D MSD
Matrix: Water
Analysis Batch: 74440

Client Sample ID: 705-38420-C-2-D MSD
Prep Type: Total/NA
Prep Batch: 74201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.00		mg/L		100	75 - 125	1	20
Calcium	6.4		10.0	16.6		mg/L		102	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73561/1-A
Matrix: Water
Analysis Batch: 74146

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 09:12	08/11/25 19:13	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 09:12	08/11/25 19:13	1
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 09:12	08/11/25 19:13	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 09:12	08/11/25 19:13	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 09:12	08/11/25 19:13	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 09:12	08/11/25 19:13	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 09:12	08/11/25 19:13	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 09:12	08/11/25 19:13	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 09:12	08/11/25 19:13	1
Magnesium	<0.016		0.10	0.016	mg/L		08/11/25 09:12	08/11/25 19:13	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/11/25 09:12	08/11/25 19:13	1
Potassium	<0.044		0.10	0.044	mg/L		08/11/25 09:12	08/11/25 19:13	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 09:12	08/11/25 19:13	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 09:12	08/11/25 19:13	1
Sodium	<0.25		0.50	0.25	mg/L		08/11/25 09:12	08/11/25 19:13	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 09:12	08/11/25 19:13	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/11/25 09:12	08/11/25 19:13	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/11/25 09:12	08/11/25 19:13	1

Lab Sample ID: LCS 705-73561/2-A
Matrix: Water
Analysis Batch: 74146

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.104		mg/L		104	80 - 120
Arsenic	0.100	0.111		mg/L		111	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.100	0.0930		mg/L		93	80 - 120
Cadmium	0.100	0.101		mg/L		101	80 - 120
Chromium	0.100	0.106		mg/L		106	80 - 120
Cobalt	0.100	0.106		mg/L		106	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-73561/2-A
Matrix: Water
Analysis Batch: 74146

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	0.100	0.105		mg/L		105	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Magnesium	1.00	1.02		mg/L		102	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	1.00	1.04		mg/L		104	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Silver	0.0100	0.0105		mg/L		105	80 - 120
Sodium	1.00	1.04		mg/L		104	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120
Vanadium	0.100	0.104		mg/L		104	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: 705-38420-1 MS
Matrix: Water
Analysis Batch: 74146

Client Sample ID: SCH-GWA-46
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.102		mg/L		102	75 - 125
Arsenic	<0.0013		0.100	0.101		mg/L		101	75 - 125
Barium	0.022		0.100	0.118		mg/L		96	75 - 125
Beryllium	<0.00015		0.100	0.0796		mg/L		80	75 - 125
Cadmium	<0.00024		0.100	0.0994		mg/L		99	75 - 125
Chromium	0.0044	J	0.100	0.102		mg/L		97	75 - 125
Cobalt	<0.00041		0.100	0.0976		mg/L		98	75 - 125
Copper	<0.00064		0.100	0.0987		mg/L		99	75 - 125
Lead	<0.00086		0.100	0.0991		mg/L		99	75 - 125
Magnesium	3.2		1.00	4.02		mg/L		85	75 - 125
Nickel	<0.00042		0.100	0.0968		mg/L		97	75 - 125
Potassium	0.76		1.00	1.66		mg/L		89	75 - 125
Selenium	<0.0023		0.100	0.0928		mg/L		93	75 - 125
Silver	<0.00017		0.0100	0.0102		mg/L		102	75 - 125
Sodium	4.5		1.00	5.25	4	mg/L		74	75 - 125
Thallium	0.00034	J	0.100	0.0997		mg/L		99	75 - 125
Vanadium	0.0020	J	0.100	0.100		mg/L		98	75 - 125
Zinc	<0.0089		0.100	0.0994		mg/L		99	75 - 125

Lab Sample ID: 705-38420-1 MSD
Matrix: Water
Analysis Batch: 74146

Client Sample ID: SCH-GWA-46
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0958		mg/L		96	75 - 125	6	20
Arsenic	<0.0013		0.100	0.0960		mg/L		96	75 - 125	5	20
Barium	0.022		0.100	0.114		mg/L		92	75 - 125	4	20
Beryllium	<0.00015		0.100	0.0766		mg/L		77	75 - 125	4	20
Cadmium	<0.00024		0.100	0.0959		mg/L		96	75 - 125	4	20
Chromium	0.0044	J	0.100	0.0965		mg/L		92	75 - 125	5	20
Cobalt	<0.00041		0.100	0.0934		mg/L		93	75 - 125	4	20
Copper	<0.00064		0.100	0.0945		mg/L		95	75 - 125	4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38420-1 MSD
Matrix: Water
Analysis Batch: 74146

Client Sample ID: SCH-GWA-46
Prep Type: Total Recoverable
Prep Batch: 73561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	<0.00086		0.100	0.0936		mg/L		94	75 - 125	6	20
Magnesium	3.2		1.00	3.92		mg/L		75	75 - 125	3	20
Nickel	<0.00042		0.100	0.0921		mg/L		92	75 - 125	5	20
Potassium	0.76		1.00	1.59		mg/L		83	75 - 125	4	20
Selenium	<0.0023		0.100	0.0901		mg/L		90	75 - 125	3	20
Silver	<0.00017		0.0100	0.00977		mg/L		98	75 - 125	4	20
Sodium	4.5		1.00	5.20	4	mg/L		69	75 - 125	1	20
Thallium	0.00034	J	0.100	0.0974		mg/L		97	75 - 125	2	20
Vanadium	0.0020	J	0.100	0.0927		mg/L		91	75 - 125	8	20
Zinc	<0.0089		0.100	0.0943		mg/L		94	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74878/1-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 12:26	1

Lab Sample ID: LCS 705-74878/2-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00365		mg/L		91	80 - 120

Lab Sample ID: 705-39261-A-6-C MS
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00378		mg/L		95	75 - 125

Lab Sample ID: 705-39261-A-6-D MSD
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00380		mg/L		95	75 - 125	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74363/1
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	126		mg/L		101	90 - 110
Bicarbonate Alkalinity as CaCO3	125	126		mg/L		101	90 - 110

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 705-38256-A-16 DU
Matrix: Water
Analysis Batch: 74363

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	59			58.6		mg/L				0.9	30
Bicarbonate Alkalinity as CaCO3	59			58.6		mg/L				0.9	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72578/1
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/05/25 14:45	1

Lab Sample ID: LCS 705-72578/2
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	944		mg/L		95	80 - 120		

Lab Sample ID: 705-38370-F-1 DU
Matrix: Water
Analysis Batch: 72578

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	400			405		mg/L				0.5	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38420-1
Project/Site: Plant Scherer - PAC Ash Cell

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/22/2025 4:30:57 PM

JOB DESCRIPTION

Plant Scherer Surface Water

JOB NUMBER

705-38251-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Job ID: 705-38251-1
Project/Site: Plant Scherer Surface Water

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38251-1	SCH-SWA-1	Water	07/29/25 10:04	07/30/25 11:10	Georgia
705-38251-2	SCH-SWA-3	Water	07/29/25 11:31	07/30/25 11:10	Georgia
705-38251-3	SCH-SWC-4	Water	07/29/25 10:39	07/30/25 11:10	Georgia
705-38251-4	SCH-SWC-7	Water	07/29/25 13:32	07/30/25 11:10	Georgia
705-38251-5	SCH-SWA-2	Water	07/29/25 14:49	07/30/25 11:10	Georgia
705-38617-1	SCH-SWA-1	Water	07/31/25 12:04	08/01/25 15:30	Georgia
705-38617-2	SCH-SWA-2	Water	07/31/25 13:24	08/01/25 15:30	Georgia
705-38617-3	SCH-SWA-3	Water	07/31/25 12:53	08/01/25 15:30	Georgia
705-38617-4	SCH-SWC-4	Water	07/31/25 12:11	08/01/25 15:30	Georgia
705-38617-5	SCH-SWC-7	Water	07/31/25 14:09	08/01/25 15:30	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Jacob Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:

Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:
City: Atlanta	TAT Requested (days): 2 weeks
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3 & #4
Project Name: Plant Scherer Surface Water	Project #:
Site:	SSOW#:

Analysis Requested

Preservation Codes:
N - None / B - NaOH
S - H2SO4
D - HNO3

705-38617 COC

Other:

Task_Code: SCH-CSURF-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	N	
SCH-SWA-1	7/31/25	1204	G	WS			X	X	X	2
SCH-SWA-2	7/31/25	1324	G	WS			X	X	X	2
SCH-SWA-3	7/31/25	1253	G	WS			X	X	X	2
SCH-SWA-4	7/31/25	1211	G	WS			X	X	X	2
SCH-SWA-7	7/31/25	1409	G	WS			X	X	X	2

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II), III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 8/1/25 1530	Company: WSP	Received by:	Date/Time: 8 01 25 1530	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: cl 2.9 2.1 3.0 #2665

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:	Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: N - None / B - NaOH; S - H2SO4; D - HNO3
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			Other:
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3 & #4			Task_Code: SCH-CSURF-ASSMT-2025S2
Project Name: Plant Scherer Surface Water	Project #:			Special Instructions/Notes:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn) + 3 Cations (Na, Mg, K)	7470A - Mercury	410.4_NP - Chemical Oxygen Demand (COD)	4500_CN_E - Total Cyanide	SM5310B_2014 - Total Organic Carbon (Duplicates)	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	S	B	S	N	
SCH-SWA-1	7/29/25	10:04	G	WS			X	X	X	X	X	X	X	X	X	5
SCH-SWA-3	7/29/25	11:31	G	WS			X	X	X	X	X	X	X	X	X	5
SCH-SWC-4	7/29/25	10:39	G	WS			X	X	X	X	X				X	5
SCH-SWC-7	7/29/25	13:32	G	WS			X	X	X	X	X	X	X	X	X	5
SCH-SWA-2	7/29/25	14:49	G	WS			X	X	X	X	X	X	X	X	X	5

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II), III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/30/25	WSP	MIKE GAMMICE	7/30/25 820	Courier Now
MIKE GAMMICE	7/30/25 1110	Courier Now		7.30.25 1110	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: c| 1.0 0.1 1.3 2.1 2.2

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38251-1

Login Number: 38251

List Source: Eurofins Atlanta

List Number: 1

Creator: Torres, Dominique

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38251-1

Login Number: 38617

List Source: Eurofins Atlanta

List Number: 1

Creator: Sims, Christion

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38251-1 — Eurofins Atlanta

Job Narrative
705-38251-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/30/2025 11:10 AM and 8/1/2025 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.1°C, 1.0°C, 1.3°C, 2.1°C, 2.1°C, 2.2°C, 2.9°C and 3.0°C.

Receipt Exceptions
Due to an error with the bottle order for these surface water samples, unpreserved containers were not provoided for Anions, Alkalinity and TDS testing. These samples were recollected with the appropriate containers on 7/31/2025 and are included in this report.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The method blank for preparation batch 705-74800 and analytical batch 705-75249 contained Boron above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 705-38251-1

Client Sample ID: SCH-SWA-1 — Lab Sample ID: 705-38251-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.86		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.077		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.0025		0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	6.9	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00076	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	7.4		1.0	0.44	mg/L	10		6020B	Total Recoverable
Sodium	64		5.0	2.5	mg/L	10		6020B	Total Recoverable
Vanadium	0.0056		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Chemical Oxygen Demand	16		10	5.9	mg/L	1		410.4	Total/NA
Total Organic Carbon - Duplicates	4.5		1.0	0.58	mg/L	1		5310B - 2014	Total/NA

Client Sample ID: SCH-SWA-3 — Lab Sample ID: 705-38251-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.37		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.043		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0016	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.00097	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	7.3	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00061	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.8		1.0	0.44	mg/L	10		6020B	Total Recoverable
Sodium	20		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0025	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Organic Carbon - Duplicates	1.3		1.0	0.58	mg/L	1		5310B - 2014	Total/NA

Client Sample ID: SCH-SWC-4 — Lab Sample ID: 705-38251-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.83		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.074		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.0023		0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	6.9	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00079	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	7.3		1.0	0.44	mg/L	10		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 705-38251-1

Client Sample ID: SCH-SWC-4 (Continued) — Lab Sample ID: 705-38251-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	62		5.0	2.5	mg/L	10		6020B	Total Recoverable
Vanadium	0.0054		0.0050	0.0012	mg/L	1		6020B	Total Recoverable

Client Sample ID: SCH-SWC-7 — Lab Sample ID: 705-38251-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.77		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	19		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.068		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.0018	J	0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Magnesium	7.3	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00066	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	6.4		1.0	0.44	mg/L	10		6020B	Total Recoverable
Sodium	57		5.0	2.5	mg/L	10		6020B	Total Recoverable
Vanadium	0.0043	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Chemical Oxygen Demand	20		10	5.9	mg/L	1		410.4	Total/NA
Total Organic Carbon - Duplicates	4.4		1.0	0.58	mg/L	1		5310B - 2014	Total/NA

Client Sample ID: SCH-SWA-2 — Lab Sample ID: 705-38251-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	1.3	B	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	36		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.078		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0043	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	17	B	0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00081	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	2.5		1.0	0.44	mg/L	10		6020B	Total Recoverable
Sodium	46		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Organic Carbon - Duplicates	1.3		1.0	0.58	mg/L	1		5310B - 2014	Total/NA

Client Sample ID: SCH-SWA-1 — Lab Sample ID: 705-38617-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	15		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.33		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	100		10	7.7	mg/L	10		300.0	Total/NA
Total Alkalinity as CaCO3	77		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	77		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	260		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 705-38251-1

Client Sample ID: SCH-SWA-2 — Lab Sample ID: 705-38617-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.22		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	160		10	7.7	mg/L	10		300.0	Total/NA
Total Alkalinity as CaCO3	57		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	57		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	420		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SWA-3 — Lab Sample ID: 705-38617-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		2.0	2.0	mg/L	2		300.0	Total/NA
Fluoride	0.24	J	0.40	0.16	mg/L	2		300.0	Total/NA
Sulfate	57		2.0	1.5	mg/L	2		300.0	Total/NA
Total Alkalinity as CaCO3	16		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	16		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SWC-4 — Lab Sample ID: 705-38617-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		2.0	2.0	mg/L	2		300.0	Total/NA
Fluoride	0.32	J	0.40	0.16	mg/L	2		300.0	Total/NA
Sulfate	79		2.0	1.5	mg/L	2		300.0	Total/NA
Total Alkalinity as CaCO3	73		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	73		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	230		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SWC-7 — Lab Sample ID: 705-38617-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		2.0	2.0	mg/L	2		300.0	Total/NA
Fluoride	0.53		0.40	0.16	mg/L	2		300.0	Total/NA
Sulfate	70		2.0	1.5	mg/L	2		300.0	Total/NA
Total Alkalinity as CaCO3	79		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	79		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	220		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-SWA-1

Lab Sample ID: 705-38251-1

Date Collected: 07/29/25 10:04

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.86**		0.080	0.026	mg/L		08/19/25 12:15	08/19/25 13:57	1
Calcium	**18**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:35	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:47	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:47	1
Barium	**0.077**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:47	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:47	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:47	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:47	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:47	1
Copper	**0.0025**		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:47	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:47	1
Magnesium	**6.9**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:47	1
Nickel	**0.00076**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:47	1
Potassium	**7.4**		1.0	0.44	mg/L		08/18/25 11:00	08/21/25 15:03	10
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:47	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:47	1
Sodium	**64**		5.0	2.5	mg/L		08/18/25 11:00	08/21/25 15:03	10
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:47	1
Vanadium	**0.0056**		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:47	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/18/25 11:00	08/20/25 16:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:33	08/15/25 20:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	**16**		10	5.9	mg/L			07/31/25 20:29	1
Cyanide, Total (SM 4500 CN E-2016)	<0.0048		0.010	0.0048	mg/L		07/31/25 09:00	07/31/25 14:18	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	**4.5**		1.0	0.58	mg/L			08/05/25 07:07	1

Client Sample ID: SCH-SWA-3

Lab Sample ID: 705-38251-2

Date Collected: 07/29/25 11:31

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.37**		0.080	0.026	mg/L		08/19/25 12:15	08/19/25 14:00	1
Calcium	**15**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 12:38	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:49	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:49	1
Barium	**0.043**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:49	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:49	1

Client Sample ID: SCH-SWA-3

Lab Sample ID: 705-38251-2

Date Collected: 07/29/25 11:31

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:49	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:49	1
Cobalt	**0.0016**	**J**	0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:49	1
Copper	**0.00097**	**J**	0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:49	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:49	1
Magnesium	**7.3**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:49	1
Nickel	**0.00061**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:49	1
Potassium	**1.8**		1.0	0.44	mg/L		08/18/25 11:00	08/21/25 15:07	10
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:49	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:49	1
Sodium	**20**		0.50	0.25	mg/L		08/18/25 11:00	08/20/25 16:36	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:49	1
Vanadium	**0.0025**	**J**	0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:49	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/18/25 11:00	08/20/25 16:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:33	08/15/25 20:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	<5.9		10	5.9	mg/L			07/31/25 20:32	1
Cyanide, Total (SM 4500 CN E-2016)	<0.0048		0.010	0.0048	mg/L		07/31/25 09:00	07/31/25 14:21	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	**1.3**		1.0	0.58	mg/L			08/05/25 07:24	1

Client Sample ID: SCH-SWC-4

Lab Sample ID: 705-38251-3

Date Collected: 07/29/25 10:39

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.83**		0.080	0.026	mg/L		08/19/25 12:15	08/19/25 14:09	1
Calcium	**18**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 16:31	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:52	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:52	1
Barium	**0.074**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:52	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:52	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:52	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:52	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:52	1
Copper	**0.0023**		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:52	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:52	1
Magnesium	**6.9**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:52	1
Nickel	**0.00079**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:52	1
Potassium	**7.3**		1.0	0.44	mg/L		08/18/25 11:00	08/21/25 15:37	10
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:52	1

Client Sample ID: SCH-SWC-4

Lab Sample ID: 705-38251-3

Date Collected: 07/29/25 10:39

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:52	1
Sodium	**62**		5.0	2.5	mg/L		08/18/25 11:00	08/21/25 15:37	10
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:52	1
Vanadium	**0.0054**		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:52	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/18/25 11:00	08/20/25 16:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:33	08/15/25 21:00	1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 705-38251-4

Date Collected: 07/29/25 13:32

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.77**		0.080	0.026	mg/L		08/19/25 12:15	08/19/25 14:12	1
Calcium	**19**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 16:35	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:54	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:54	1
Barium	**0.068**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:54	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:54	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:54	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:54	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:54	1
Copper	**0.0018**	**J**	0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:54	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:54	1
Magnesium	**7.3**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:54	1
Nickel	**0.00066**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:54	1
Potassium	**6.4**		1.0	0.44	mg/L		08/18/25 11:00	08/21/25 15:40	10
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:54	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:54	1
Sodium	**57**		5.0	2.5	mg/L		08/18/25 11:00	08/21/25 15:40	10
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:54	1
Vanadium	**0.0043**	**J**	0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:54	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/18/25 11:00	08/20/25 16:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:33	08/15/25 21:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	**20**		10	5.9	mg/L			08/01/25 15:23	1
Cyanide, Total (SM 4500 CN E-2016)	<0.0048		0.010	0.0048	mg/L		07/31/25 09:00	07/31/25 14:23	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	**4.4**		1.0	0.58	mg/L			08/05/25 07:42	1

Client Sample ID: SCH-SWA-2

Lab Sample ID: 705-38251-5

Date Collected: 07/29/25 14:49

Matrix: Water

Date Received: 07/30/25 11:10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.3**	**B**	0.080	0.026	mg/L		08/14/25 08:24	08/15/25 16:44	1
Calcium	**36**		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 16:44	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:57	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:57	1
Barium	**0.078**		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:57	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:57	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:57	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:57	1
Cobalt	**0.0043**	**J**	0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:57	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:57	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:57	1
Magnesium	**17**	**B**	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:57	1
Nickel	**0.00081**	**J**	0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:57	1
Potassium	**2.5**		1.0	0.44	mg/L		08/13/25 20:15	08/21/25 15:56	10
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:57	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:57	1
Sodium	**46**		5.0	2.5	mg/L		08/13/25 20:15	08/21/25 15:56	10
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:57	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:57	1
Zinc	<0.089		0.10	0.089	mg/L		08/13/25 20:15	08/21/25 15:56	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:33	08/15/25 21:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand (EPA 410.4)	<5.9		10	5.9	mg/L			08/01/25 15:23	1
Cyanide, Total (SM 4500 CN E-2016)	<0.0048		0.010	0.0048	mg/L		07/31/25 09:00	07/31/25 14:26	1
Total Organic Carbon - Duplicates (SM 5310B - 2014)	**1.3**		1.0	0.58	mg/L			08/05/25 08:02	1

Client Sample ID: SCH-SWA-1

Lab Sample ID: 705-38617-1

Date Collected: 07/31/25 12:04

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		1.0	0.98	mg/L			08/09/25 06:28	1
Fluoride	**0.33**		0.20	0.081	mg/L			08/09/25 06:28	1
Sulfate	**100**		10	7.7	mg/L			08/10/25 00:07	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**77**		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**77**		3.0	3.0	mg/L			08/14/25 09:34	1

Client Sample ID: SCH-SWA-1

Lab Sample ID: 705-38617-1

Date Collected: 07/31/25 12:04

Matrix: Water

Date Received: 08/01/25 15:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	260		10	10	mg/L			08/05/25 15:45	1

Client Sample ID: SCH-SWA-2

Lab Sample ID: 705-38617-2

Date Collected: 07/31/25 13:24

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		1.0	0.98	mg/L			08/12/25 16:04	1
Fluoride	0.22		0.20	0.081	mg/L			08/12/25 16:04	1
Sulfate	160		10	7.7	mg/L			08/12/25 17:02	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	57		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	57		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	420		10	10	mg/L			08/05/25 15:45	1

Client Sample ID: SCH-SWA-3

Lab Sample ID: 705-38617-3

Date Collected: 07/31/25 12:53

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		2.0	2.0	mg/L			08/12/25 17:13	2
Fluoride	0.24	J	0.40	0.16	mg/L			08/12/25 17:13	2
Sulfate	57		2.0	1.5	mg/L			08/12/25 17:13	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	16		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	16		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	170		10	10	mg/L			08/05/25 15:45	1

Client Sample ID: SCH-SWC-4

Lab Sample ID: 705-38617-4

Date Collected: 07/31/25 12:11

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		2.0	2.0	mg/L			08/12/25 17:25	2

Client Sample ID: SCH-SWC-4

Lab Sample ID: 705-38617-4

Date Collected: 07/31/25 12:11

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.32	J	0.40	0.16	mg/L			08/12/25 17:25	2
Sulfate	79		2.0	1.5	mg/L			08/12/25 17:25	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	73		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	73		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	230		10	10	mg/L			08/05/25 15:45	1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 705-38617-5

Date Collected: 07/31/25 14:09

Matrix: Water

Date Received: 08/01/25 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		2.0	2.0	mg/L			08/12/25 17:37	2
Fluoride	0.53		0.40	0.16	mg/L			08/12/25 17:37	2
Sulfate	70		2.0	1.5	mg/L			08/12/25 17:37	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	79		3.0	3.0	mg/L			08/14/25 09:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	79		3.0	3.0	mg/L			08/14/25 09:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/14/25 09:34	1
Total Dissolved Solids (SM 2540C - 2015)	220		10	10	mg/L			08/05/25 15:45	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 705-38251-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
410.4	COD	EPA	EET ATL
4500 CN E-2016	Cyanide, Total	SM	EET ATL
5310B - 2014	Organic Carbon, Total (TOC)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL
SM 4500 CN C	Cyanide, Distillation	SM	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 705-38251-1

Client Sample ID: SCH-SWA-1

Lab Sample ID: 705-38251-1

Date Collected: 07/29/25 10:04
Date Received: 07/30/25 11:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:35
Total/NA	Prep	3010A			75854	EF	EET ATL	08/19/25 12:15
Total/NA	Analysis	6010D		1	75930	DS	EET ATL	08/19/25 13:57
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:47
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		1	76496	IF	EET ATL	08/20/25 16:33
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		10	76643	IF	EET ATL	08/21/25 15:03
Total/NA	Prep	7470A			75299	GR	EET ATL	08/15/25 15:33
Total/NA	Analysis	7470A		1	76473	GR	EET ATL	08/15/25 20:33
Total/NA	Analysis	410.4		1	71762	GT	EET ATL	07/31/25 20:29
Total/NA	Prep	SM 4500 CN C			71364	MB	EET ATL	07/31/25 09:00
Total/NA	Analysis	4500 CN E-2016		1	71720	AD	EET ATL	07/31/25 14:18
Total/NA	Analysis	5310B - 2014		1	72456	AY	EET ATL	08/05/25 07:07

Client Sample ID: SCH-SWA-3

Lab Sample ID: 705-38251-2

Date Collected: 07/29/25 11:31
Date Received: 07/30/25 11:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75249	DS	EET ATL	08/15/25 12:38
Total/NA	Prep	3010A			75854	EF	EET ATL	08/19/25 12:15
Total/NA	Analysis	6010D		1	75930	DS	EET ATL	08/19/25 14:00
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:49
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		1	76496	IF	EET ATL	08/20/25 16:36
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		10	76643	IF	EET ATL	08/21/25 15:07
Total/NA	Prep	7470A			75299	GR	EET ATL	08/15/25 15:33
Total/NA	Analysis	7470A		1	76473	GR	EET ATL	08/15/25 20:44
Total/NA	Analysis	410.4		1	71762	GT	EET ATL	07/31/25 20:32
Total/NA	Prep	SM 4500 CN C			71364	MB	EET ATL	07/31/25 09:00
Total/NA	Analysis	4500 CN E-2016		1	71720	AD	EET ATL	07/31/25 14:21
Total/NA	Analysis	5310B - 2014		1	72456	AY	EET ATL	08/05/25 07:24

Client Sample ID: SCH-SWC-4

Lab Sample ID: 705-38251-3

Date Collected: 07/29/25 10:39

Matrix: Water

Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75514	DS	EET ATL	08/15/25 16:31
Total/NA	Prep	3010A			75854	EF	EET ATL	08/19/25 12:15
Total/NA	Analysis	6010D		1	75930	DS	EET ATL	08/19/25 14:09
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:52
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		1	76496	IF	EET ATL	08/20/25 16:55
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		10	76643	IF	EET ATL	08/21/25 15:37
Total/NA	Prep	7470A			75299	GR	EET ATL	08/15/25 15:33
Total/NA	Analysis	7470A		1	76473	GR	EET ATL	08/15/25 21:00

Client Sample ID: SCH-SWC-7

Lab Sample ID: 705-38251-4

Date Collected: 07/29/25 13:32

Matrix: Water

Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75514	DS	EET ATL	08/15/25 16:35
Total/NA	Prep	3010A			75854	EF	EET ATL	08/19/25 12:15
Total/NA	Analysis	6010D		1	75930	DS	EET ATL	08/19/25 14:12
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:54
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		1	76496	IF	EET ATL	08/20/25 16:58
Total Recoverable	Prep	3005A			75551	EF	EET ATL	08/18/25 11:00
Total Recoverable	Analysis	6020B		10	76643	IF	EET ATL	08/21/25 15:40
Total/NA	Prep	7470A			75299	GR	EET ATL	08/15/25 15:33
Total/NA	Analysis	7470A		1	76473	GR	EET ATL	08/15/25 21:04
Total/NA	Analysis	410.4		1	71964	GT	EET ATL	08/01/25 15:23
Total/NA	Prep	SM 4500 CN C			71364	MB	EET ATL	07/31/25 09:00
Total/NA	Analysis	4500 CN E-2016		1	71720	AD	EET ATL	07/31/25 14:23
Total/NA	Analysis	5310B - 2014		1	72456	AY	EET ATL	08/05/25 07:42

Client Sample ID: SCH-SWA-2

Lab Sample ID: 705-38251-5

Date Collected: 07/29/25 14:49

Matrix: Water

Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			74800	BR	EET ATL	08/14/25 08:24
Total/NA	Analysis	6010D		1	75514	DS	EET ATL	08/15/25 16:44
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		1	75539	MD	EET ATL	08/15/25 20:57

Client Sample ID: SCH-SWA-2

Lab Sample ID: 705-38251-5

Date Collected: 07/29/25 14:49

Matrix: Water

Date Received: 07/30/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			74704	MT	EET ATL	08/13/25 20:15
Total Recoverable	Analysis	6020B		10	76643	IF	EET ATL	08/21/25 15:56
Total/NA	Prep	7470A			75299	GR	EET ATL	08/15/25 15:33
Total/NA	Analysis	7470A		1	76473	GR	EET ATL	08/15/25 21:08
Total/NA	Analysis	410.4		1	71964	GT	EET ATL	08/01/25 15:23
Total/NA	Prep	SM 4500 CN C			71364	MB	EET ATL	07/31/25 09:00
Total/NA	Analysis	4500 CN E-2016		1	71720	AD	EET ATL	07/31/25 14:26
Total/NA	Analysis	5310B - 2014		1	72456	AY	EET ATL	08/05/25 08:02

Client Sample ID: SCH-SWA-1

Lab Sample ID: 705-38617-1

Date Collected: 07/31/25 12:04

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	73533	MS	EET ATL	08/09/25 06:28
Total/NA	Analysis	300.0		10	73703	MS	EET ATL	08/10/25 00:07
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72584	NN	EET ATL	08/05/25 15:45

Client Sample ID: SCH-SWA-2

Lab Sample ID: 705-38617-2

Date Collected: 07/31/25 13:24

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	74213	MS	EET ATL	08/12/25 16:04
Total/NA	Analysis	300.0		10	74213	MS	EET ATL	08/12/25 17:02
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72584	NN	EET ATL	08/05/25 15:45

Client Sample ID: SCH-SWA-3

Lab Sample ID: 705-38617-3

Date Collected: 07/31/25 12:53

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		2	74213	MS	EET ATL	08/12/25 17:13
Total/NA	Analysis	2320B-2011		1	74942	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72584	NN	EET ATL	08/05/25 15:45

Client Sample ID: SCH-SWC-4

Lab Sample ID: 705-38617-4

Date Collected: 07/31/25 12:11

Matrix: Water

Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		2	74213	MS	EET ATL	08/12/25 17:25

Lab Chronicle

Client: Southern Company
Job ID: 705-38251-1
Project/Site: Plant Scherer Surface Water

Client Sample ID: SCH-SWC-4
Lab Sample ID: 705-38617-4
Date Collected: 07/31/25 12:11
Matrix: Water
Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72584	NN	EET ATL	08/05/25 15:45

Client Sample ID: SCH-SWC-7
Lab Sample ID: 705-38617-5
Date Collected: 07/31/25 14:09
Matrix: Water
Date Received: 08/01/25 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		2	74213	MS	EET ATL	08/12/25 17:37
Total/NA	Analysis	2320B-2011		1	74933	AH	EET ATL	08/14/25 09:34
Total/NA	Analysis	2540C - 2015		1	72584	NN	EET ATL	08/05/25 15:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-73533/152
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/09/25 01:06	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 01:06	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 01:06	1

Lab Sample ID: LCS 705-73533/153
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.54		mg/L		95	90 - 110		
Fluoride			5.00	4.57		mg/L		91	90 - 110		
Sulfate			25.0	23.7		mg/L		95	90 - 110		

Lab Sample ID: 705-39223-B-2 MS
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	210	F1	100	293	F1	mg/L		87	90 - 110		
Fluoride	18	F2 F1	50.0	60.1	F1	mg/L		84	90 - 110		
Sulfate	<7.7		250	240		mg/L		96	90 - 110		

Lab Sample ID: 705-39223-B-2 MSD
Matrix: Water
Analysis Batch: 73533

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	210	F1	100	284	F1	mg/L		77	90 - 110	3	20
Fluoride	18	F2 F1	50.0	48.6	F2 F1	mg/L		60	90 - 110	21	20
Sulfate	<7.7		250	236		mg/L		95	90 - 110	2	20

Lab Sample ID: MB 705-73703/3
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/09/25 21:26	1
Fluoride	<0.081		0.20	0.081	mg/L			08/09/25 21:26	1
Sulfate	<0.77		1.0	0.77	mg/L			08/09/25 21:26	1

Lab Sample ID: LCS 705-73703/4
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.86		mg/L		99	90 - 110		
Fluoride			5.00	4.87		mg/L		97	90 - 110		
Sulfate			25.0	24.4		mg/L		97	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-39413-C-1 MS
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.0	F1	10.0	13.7	F1	mg/L		87	90 - 110
Fluoride	0.25		5.00	4.78		mg/L		91	90 - 110
Sulfate	55	F1	25.0	74.2	F1	mg/L		75	90 - 110

Lab Sample ID: 705-39413-C-1 MSD
Matrix: Water
Analysis Batch: 73703

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.0	F1	10.0	13.6	F1	mg/L		86	90 - 110	1	20
Fluoride	0.25		5.00	4.81		mg/L		91	90 - 110	0	20
Sulfate	55	F1	25.0	73.8	F1	mg/L		74	90 - 110	1	20

Lab Sample ID: MB 705-74213/37
Matrix: Water
Analysis Batch: 74213

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/12/25 11:52	1
Fluoride	<0.081		0.20	0.081	mg/L			08/12/25 11:52	1
Sulfate	<0.77		1.0	0.77	mg/L			08/12/25 11:52	1

Lab Sample ID: LCS 705-74213/38
Matrix: Water
Analysis Batch: 74213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.21		mg/L		92	90 - 110
Fluoride	5.00	4.51		mg/L		90	90 - 110
Sulfate	25.0	22.6		mg/L		90	90 - 110

Lab Sample ID: 705-39534-A-2 MS
Matrix: Water
Analysis Batch: 74213

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14	F1	10.0	29.6	F1	mg/L		156	90 - 110
Fluoride	0.12	J F1	5.00	4.11	F1	mg/L		80	90 - 110
Sulfate	1.3	F1	25.0	21.9	F1	mg/L		82	90 - 110

Lab Sample ID: 705-39534-A-2 MSD
Matrix: Water
Analysis Batch: 74213

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14	F1	10.0	29.9	F1	mg/L		159	90 - 110	1	20
Fluoride	0.12	J F1	5.00	4.16	F1	mg/L		81	90 - 110	1	20
Sulfate	1.3	F1	25.0	21.4	F1	mg/L		80	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-74800/1-A
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.038		0.10	0.038	mg/L		08/14/25 08:24	08/15/25 11:18	1

Lab Sample ID: LCS 705-74800/2-A
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.01		mg/L		101	80 - 120
Calcium	10.0	9.78		mg/L		98	80 - 120

Lab Sample ID: 705-39235-E-2-B MS
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.035	J B	1.00	0.988		mg/L		95	75 - 125
Calcium	3.2		10.0	12.9		mg/L		97	75 - 125

Lab Sample ID: 705-39235-E-2-C MSD
Matrix: Water
Analysis Batch: 75249

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.035	J B	1.00	0.985		mg/L		95	75 - 125	0	20
Calcium	3.2		10.0	12.9		mg/L		97	75 - 125	0	20

Lab Sample ID: MB 705-75854/1-A
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/19/25 12:15	08/19/25 13:23	1
Calcium	<0.038		0.10	0.038	mg/L		08/19/25 12:15	08/19/25 13:23	1

Lab Sample ID: LCS 705-75854/2-A
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75854

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.102		mg/L		102	80 - 120
Calcium	1.00	0.938		mg/L		94	80 - 120

Lab Sample ID: 705-38619-B-2-H MS
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 75854

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.14	F1	0.200	0.238	F1	mg/L		51	75 - 125
Calcium	38		2.00	39.7	4	mg/L		69	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-38619-B-2-I MSD
Matrix: Water
Analysis Batch: 75930

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 75854

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.14	F1	0.200	0.240	F1	mg/L		52	75 - 125	1	20
Calcium	38		2.00	40.3	4	mg/L		97	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-74704/1-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/13/25 20:15	08/15/25 20:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/13/25 20:15	08/15/25 20:00	1
Barium	<0.00041		0.010	0.00041	mg/L		08/13/25 20:15	08/15/25 20:00	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/13/25 20:15	08/15/25 20:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/13/25 20:15	08/15/25 20:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/13/25 20:15	08/15/25 20:00	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/13/25 20:15	08/15/25 20:00	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/13/25 20:15	08/15/25 20:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/13/25 20:15	08/15/25 20:00	1
Magnesium	0.0254	J	0.10	0.016	mg/L		08/13/25 20:15	08/15/25 20:00	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/13/25 20:15	08/15/25 20:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/13/25 20:15	08/15/25 20:00	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/13/25 20:15	08/15/25 20:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/13/25 20:15	08/15/25 20:00	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/13/25 20:15	08/15/25 20:00	1

Lab Sample ID: LCS 705-74704/2-A
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0975		mg/L		98	80 - 120
Arsenic	0.100	0.0972		mg/L		97	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.100	0.0998		mg/L		100	80 - 120
Cadmium	0.100	0.103		mg/L		103	80 - 120
Chromium	0.100	0.0933		mg/L		93	80 - 120
Cobalt	0.100	0.0963		mg/L		96	80 - 120
Copper	0.100	0.0968		mg/L		97	80 - 120
Lead	0.100	0.0984		mg/L		98	80 - 120
Magnesium	1.00	0.925		mg/L		93	80 - 120
Nickel	0.100	0.0978		mg/L		98	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Silver	0.0100	0.0102		mg/L		102	80 - 120
Thallium	0.100	0.0986		mg/L		99	80 - 120
Vanadium	0.100	0.0928		mg/L		93	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38619-B-1-B MS
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0968		mg/L		97	75 - 125
Arsenic	<0.0013		0.100	0.0949		mg/L		95	75 - 125
Barium	0.031		0.100	0.130		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.0920		mg/L		92	75 - 125
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125
Chromium	0.0083		0.100	0.0980		mg/L		90	75 - 125
Cobalt	<0.00041		0.100	0.0931		mg/L		93	75 - 125
Copper	0.00069	J	0.100	0.0962		mg/L		96	75 - 125
Lead	<0.00086		0.100	0.0968		mg/L		97	75 - 125
Magnesium	7.8	B	1.00	8.98	4	mg/L		119	75 - 125
Nickel	0.00072	J	0.100	0.0940		mg/L		93	75 - 125
Selenium	<0.0023		0.100	0.0941		mg/L		94	75 - 125
Silver	<0.00017		0.0100	0.0102		mg/L		102	75 - 125
Thallium	<0.00019		0.100	0.0978		mg/L		98	75 - 125
Vanadium	0.018		0.100	0.108		mg/L		90	75 - 125

Lab Sample ID: 705-38619-B-1-C MSD
Matrix: Water
Analysis Batch: 75539

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 74704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0979		mg/L		98	75 - 125	1	20
Arsenic	<0.0013		0.100	0.0936		mg/L		94	75 - 125	1	20
Barium	0.031		0.100	0.130		mg/L		98	75 - 125	0	20
Beryllium	<0.00015		0.100	0.0928		mg/L		93	75 - 125	1	20
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125	0	20
Chromium	0.0083		0.100	0.0970		mg/L		89	75 - 125	1	20
Cobalt	<0.00041		0.100	0.0923		mg/L		92	75 - 125	1	20
Copper	0.00069	J	0.100	0.0964		mg/L		96	75 - 125	0	20
Lead	<0.00086		0.100	0.0967		mg/L		97	75 - 125	0	20
Magnesium	7.8	B	1.00	8.99	4	mg/L		120	75 - 125	0	20
Nickel	0.00072	J	0.100	0.0930		mg/L		92	75 - 125	1	20
Selenium	<0.0023		0.100	0.0956		mg/L		96	75 - 125	2	20
Silver	<0.00017		0.0100	0.0100		mg/L		100	75 - 125	2	20
Thallium	<0.00019		0.100	0.0971		mg/L		97	75 - 125	1	20
Vanadium	0.018		0.100	0.106		mg/L		88	75 - 125	2	20

Lab Sample ID: MB 705-75551/1-A
Matrix: Water
Analysis Batch: 76496

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 75551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/18/25 11:00	08/20/25 16:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/18/25 11:00	08/20/25 16:15	1
Barium	<0.00041		0.010	0.00041	mg/L		08/18/25 11:00	08/20/25 16:15	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		08/18/25 11:00	08/20/25 16:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/18/25 11:00	08/20/25 16:15	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/18/25 11:00	08/20/25 16:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/18/25 11:00	08/20/25 16:15	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-75551/1-A
Matrix: Water
Analysis Batch: 76496

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 75551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.00064		0.0020	0.00064	mg/L		08/18/25 11:00	08/20/25 16:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/18/25 11:00	08/20/25 16:15	1
Magnesium	<0.016		0.10	0.016	mg/L		08/18/25 11:00	08/20/25 16:15	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/18/25 11:00	08/20/25 16:15	1
Potassium	<0.044		0.10	0.044	mg/L		08/18/25 11:00	08/20/25 16:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/18/25 11:00	08/20/25 16:15	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/18/25 11:00	08/20/25 16:15	1
Sodium	<0.25		0.50	0.25	mg/L		08/18/25 11:00	08/20/25 16:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/18/25 11:00	08/20/25 16:15	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/18/25 11:00	08/20/25 16:15	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/18/25 11:00	08/20/25 16:15	1

Lab Sample ID: LCS 705-75551/2-A
Matrix: Water
Analysis Batch: 76496

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 75551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0964		mg/L		96	80 - 120
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.100	0.0965		mg/L		96	80 - 120
Beryllium	0.100	0.104	^+	mg/L		104	80 - 120
Cadmium	0.100	0.0989		mg/L		99	80 - 120
Chromium	0.100	0.106		mg/L		106	80 - 120
Cobalt	0.100	0.106		mg/L		106	80 - 120
Copper	0.100	0.108		mg/L		108	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Magnesium	1.00	1.02		mg/L		102	80 - 120
Nickel	0.100	0.107		mg/L		107	80 - 120
Potassium	1.00	1.06		mg/L		106	80 - 120
Selenium	0.100	0.113		mg/L		113	80 - 120
Silver	0.0100	0.0101		mg/L		101	80 - 120
Sodium	1.00	1.04		mg/L		104	80 - 120
Thallium	0.100	0.0999		mg/L		100	80 - 120
Vanadium	0.100	0.102		mg/L		102	80 - 120
Zinc	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: 705-38619-B-2-E MS
Matrix: Water
Analysis Batch: 76496

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 75551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	2.1		1.00	3.09		mg/L		99	75 - 125
Sodium	14		1.00	15.0	4	mg/L		111	75 - 125
Zinc	<0.0089		0.100	0.107		mg/L		107	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38619-B-2-F MSD
Matrix: Water
Analysis Batch: 76496

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 75551

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0893		mg/L		89	75 - 125	3	20
Arsenic	<0.0013		0.100	0.107		mg/L		107	75 - 125	1	20
Barium	0.035		0.100	0.128		mg/L		94	75 - 125	1	20
Beryllium	<0.00015	^+	0.100	0.103	^+	mg/L		103	75 - 125	2	20
Cadmium	<0.00024		0.100	0.0930		mg/L		93	75 - 125	1	20
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125	2	20
Cobalt	0.0028	J	0.100	0.105		mg/L		102	75 - 125	1	20
Copper	<0.00064		0.100	0.106		mg/L		106	75 - 125	0	20
Lead	<0.00086		0.100	0.0946		mg/L		95	75 - 125	3	20
Magnesium	21		1.00	23.8	4	mg/L		306	75 - 125	0	20
Nickel	0.0046	J	0.100	0.106		mg/L		101	75 - 125	1	20
Potassium	2.1		1.00	3.05		mg/L		94	75 - 125	2	20
Selenium	<0.0023		0.100	0.108		mg/L		108	75 - 125	2	20
Silver	<0.00017		0.0100	0.00941		mg/L		94	75 - 125	1	20
Sodium	14		1.00	14.9	4	mg/L		99	75 - 125	1	20
Thallium	<0.00019		0.100	0.0947		mg/L		95	75 - 125	3	20
Vanadium	<0.0012		0.100	0.102		mg/L		102	75 - 125	1	20
Zinc	<0.0089		0.100	0.106		mg/L		106	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-75299/1-A
Matrix: Water
Analysis Batch: 76473

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/15/25 15:33	08/15/25 20:25	1

Lab Sample ID: LCS 705-75299/2-A
Matrix: Water
Analysis Batch: 76473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75299

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00380		mg/L		95	80 - 120		

Lab Sample ID: 705-38251-1 MS
Matrix: Water
Analysis Batch: 76473

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA
Prep Batch: 75299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00383		mg/L		96	75 - 125		

Lab Sample ID: 705-38251-1 MSD
Matrix: Water
Analysis Batch: 76473

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA
Prep Batch: 75299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00367		mg/L		92	75 - 125	4	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-74933/1
Matrix: Water
Analysis Batch: 74933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	125		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	125		mg/L		100	90 - 110

Lab Sample ID: 705-38617-1 DU
Matrix: Water
Analysis Batch: 74933

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	77		77.5		mg/L		0.4	30
Bicarbonate Alkalinity as CaCO3	77		77.5		mg/L		0.4	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-72584/1
Matrix: Water
Analysis Batch: 72584

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/05/25 15:45	1

Lab Sample ID: LCS 705-72584/2
Matrix: Water
Analysis Batch: 72584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1060		mg/L		106	80 - 120

Lab Sample ID: 705-38480-A-1 DU
Matrix: Water
Analysis Batch: 72584

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1900		1960		mg/L		1	10

Method: 410.4 - COD

Lab Sample ID: MB 705-71762/1
Matrix: Water
Analysis Batch: 71762

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<5.9		10	5.9	mg/L			07/31/25 20:29	1

Lab Sample ID: LCS 705-71762/2
Matrix: Water
Analysis Batch: 71762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chemical Oxygen Demand	502	495		mg/L		99	90 - 110

Method: 410.4 - COD (Continued)

Lab Sample ID: 705-38251-1 MS
Matrix: Water
Analysis Batch: 71762

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chemical Oxygen Demand	16		376	396		mg/L		101	90 - 110		

Lab Sample ID: 705-38251-1 MSD
Matrix: Water
Analysis Batch: 71762

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	16		376	408		mg/L		104	90 - 110	3	30

Lab Sample ID: MB 705-71964/1
Matrix: Water
Analysis Batch: 71964

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<5.9		10	5.9	mg/L			08/01/25 15:22	1

Lab Sample ID: LCS 705-71964/2
Matrix: Water
Analysis Batch: 71964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chemical Oxygen Demand	502	504		mg/L		100	90 - 110		

Lab Sample ID: 705-38449-F-1 MS
Matrix: Water
Analysis Batch: 71964

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chemical Oxygen Demand	12		376	424		mg/L		110	90 - 110		

Lab Sample ID: 705-38449-F-1 MSD
Matrix: Water
Analysis Batch: 71964

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	12		376	413		mg/L		107	90 - 110	3	30

Method: 4500 CN E-2016 - Cyanide, Total

Lab Sample ID: MB 705-71364/1-A
Matrix: Water
Analysis Batch: 71720

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71364

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0048		0.010	0.0048	mg/L		07/31/25 09:00	07/31/25 13:42	1

Method: 4500 CN E-2016 - Cyanide, Total (Continued)

Lab Sample ID: LCS 705-71364/2-A
Matrix: Water
Analysis Batch: 71720

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71364

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.0950		mg/L		95	85 - 115

Lab Sample ID: 705-38237-A-1-A MS
Matrix: Water
Analysis Batch: 71720

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 71364

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.0048	F1	0.100	0.0740	F1	mg/L		74	76 - 120

Lab Sample ID: 705-38237-A-1-B MSD
Matrix: Water
Analysis Batch: 71720

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 71364

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.0048	F1	0.100	0.0750	F1	mg/L		75	76 - 120	1	20

Method: 5310B - 2014 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 705-72456/8
Matrix: Water
Analysis Batch: 72456

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	<0.58		1.0	0.58	mg/L			08/04/25 22:44	1

Lab Sample ID: LCS 705-72456/5
Matrix: Water
Analysis Batch: 72456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Duplicates	25.0	25.4		mg/L		102	85 - 115
TOC Result 1	25.0	25.0		mg/L		100	85 - 115
TOC Result 2	25.0	25.7		mg/L		103	85 - 115

Lab Sample ID: MRL 705-72456/7
Matrix: Water
Analysis Batch: 72456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon - Duplicates	1.00	0.915	J	mg/L		91	50 - 150
TOC Result 1	1.00	0.936	J	mg/L		94	50 - 150
TOC Result 2	1.00	0.893	J	mg/L		89	50 - 150

Method: 5310B - 2014 - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 705-38626-E-14 MS
Matrix: Water
Analysis Batch: 72456

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon - Duplicates	12		25.0	36.0		mg/L		96	85 - 115		
TOC Result 1	12		25.0	36.1		mg/L		96	85 - 115		
TOC Result 2	12		25.0	35.9		mg/L		96	85 - 115		

Lab Sample ID: 705-38626-E-14 MSD
Matrix: Water
Analysis Batch: 72456

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	12		25.0	37.4		mg/L		102	85 - 115	4	15
TOC Result 1	12		25.0	36.5		mg/L		98	85 - 115	1	15
TOC Result 2	12		25.0	38.3		mg/L		106	85 - 115	6	15

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38251-1
Project/Site: Plant Scherer Surface Water

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/15/2025 8:44:28 AM

JOB DESCRIPTION

CCR - Plant Scherer Effluent

JOB NUMBER

705-38426-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 705-38426-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38426-1	SCH-FGD-EFFLUENT	Water	07/30/25 09:12	07/31/25 11:22	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Jacob Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-22-8156	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3 & #4			
Project Name: CCR - Plant Scherer Effluent	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None / B - NaOH
S - H2SO4
D - HNO3

705-38426 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)	7470A - Mercury	Total Number of containers	Special Instructions/Notes
			Preservation Code:				D	D		
SCH-FGD-EFFLUENT	7/30/25	09:12	G	WL			X	X	1	Collected from unit #1

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jacob Stucky	7/31/25 0820	USI	Mike Gemmill	7/31/25 825	Courier Now
Mike Gemmill	7/31/25 1118	Courier Now		7.31.25 11:22	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: # 2665 3.6 3.5 3.2 2.9

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38426-1

Login Number: 38426

List Source: Eurofins Atlanta

List Number: 1

Creator: Myndresku, Victor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Job ID: 705-38426-1
Project/Site: CCR - Plant Scherer Effluent

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38426-1 Eurofins Atlanta

Job Narrative
705-38426-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 7/31/2025 11:22 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.9°C, 3.2°C, 3.3°C and 3.6°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 705-38426-1

Client Sample ID: SCH-FGD-EFFLUENT

Lab Sample ID: 705-38426-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.0029	J	0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Arsenic	0.022		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.083		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00033	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.050		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Chromium	0.20		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.012		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Copper	0.062		0.0020	0.00064	mg/L	1		6020B	Total Recoverable
Lead	0.013		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Nickel	0.33		0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Selenium	0.32		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Silver	0.00052	J	0.0010	0.00017	mg/L	1		6020B	Total Recoverable
Thallium	0.0025		0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Vanadium	0.084		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Zinc	1.3		1.0	0.89	mg/L	100		6020B	Total Recoverable
Mercury	0.0033		0.00020	0.00017	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 705-38426-1

Client Sample ID: SCH-FGD-EFFLUENT

Lab Sample ID: 705-38426-1

Date Collected: 07/30/25 09:12

Matrix: Water

Date Received: 07/31/25 11:22

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0029	J	0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 02:14	1
Arsenic	0.022		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 02:14	1
Barium	0.083		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 02:14	1
Beryllium	0.00033	J	0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 02:14	1
Cadmium	0.050		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 02:14	1
Chromium	0.20		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 02:14	1
Cobalt	0.012		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 02:14	1
Copper	0.062		0.0020	0.00064	mg/L		08/11/25 11:15	08/12/25 02:14	1
Lead	0.013		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 02:14	1
Nickel	0.33		0.0050	0.00042	mg/L		08/11/25 11:15	08/12/25 02:14	1
Selenium	0.32		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 02:14	1
Silver	0.00052	J	0.0010	0.00017	mg/L		08/11/25 11:15	08/12/25 02:14	1
Thallium	0.0025		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 02:14	1
Vanadium	0.084		0.0050	0.0012	mg/L		08/11/25 11:15	08/12/25 02:14	1
Zinc	1.3		1.0	0.89	mg/L		08/11/25 11:15	08/12/25 20:31	100

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0033		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 17:20	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 705-38426-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 705-38426-1

Client Sample ID: SCH-FGD-EFFLUENT

Lab Sample ID: 705-38426-1

Date Collected: 07/30/25 09:12

Matrix: Water

Date Received: 07/31/25 11:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		1	74191	IF	EET ATL	08/12/25 02:14
Total Recoverable	Prep	3005A			73929	BR	EET ATL	08/11/25 11:15
Total Recoverable	Analysis	6020B		100	74567	IF	EET ATL	08/12/25 20:31
Total/NA	Prep	7470A			74878	GR	EET ATL	08/14/25 09:08
Total/NA	Analysis	7470A		1	75062	GR	EET ATL	08/14/25 17:20

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-73929/1-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/11/25 11:15	08/12/25 00:35	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/11/25 11:15	08/12/25 00:35	1
Barium	<0.00041		0.010	0.00041	mg/L		08/11/25 11:15	08/12/25 00:35	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/11/25 11:15	08/12/25 00:35	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/11/25 11:15	08/12/25 00:35	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/11/25 11:15	08/12/25 00:35	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/11/25 11:15	08/12/25 00:35	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/11/25 11:15	08/12/25 00:35	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/11/25 11:15	08/12/25 00:35	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/11/25 11:15	08/12/25 00:35	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/11/25 11:15	08/12/25 00:35	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/11/25 11:15	08/12/25 00:35	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/11/25 11:15	08/12/25 00:35	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/11/25 11:15	08/12/25 00:35	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/11/25 11:15	08/12/25 00:35	1

Lab Sample ID: LCS 705-73929/2-A
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0994		mg/L		99	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.0989		mg/L		99	80 - 120
Beryllium	0.100	0.100		mg/L		100	80 - 120
Cadmium	0.100	0.0992		mg/L		99	80 - 120
Chromium	0.100	0.109		mg/L		109	80 - 120
Cobalt	0.100	0.108		mg/L		108	80 - 120
Copper	0.100	0.111		mg/L		111	80 - 120
Lead	0.100	0.106		mg/L		106	80 - 120
Nickel	0.100	0.108		mg/L		108	80 - 120
Selenium	0.100	0.100		mg/L		100	80 - 120
Silver	0.0100	0.0110		mg/L		110	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120
Vanadium	0.100	0.108		mg/L		108	80 - 120
Zinc	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: 680-266136-B-2-B MS
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125
Arsenic	<0.0013		0.100	0.111		mg/L		111	75 - 125
Barium	0.038		0.100	0.136		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.0955		mg/L		96	75 - 125
Cadmium	<0.00024		0.100	0.0971		mg/L		97	75 - 125
Chromium	<0.0037		0.100	0.108		mg/L		108	75 - 125
Cobalt	<0.00041		0.100	0.108		mg/L		108	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-266136-B-2-B MS
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	<0.00064		0.100	0.110		mg/L		110	75 - 125
Lead	<0.00086		0.100	0.104		mg/L		104	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Selenium	<0.0023		0.100	0.0981		mg/L		98	75 - 125
Silver	<0.00017		0.0100	0.0109		mg/L		109	75 - 125
Thallium	<0.00019		0.100	0.105		mg/L		105	75 - 125
Vanadium	<0.0012		0.100	0.109		mg/L		109	75 - 125
Zinc	<0.0089		0.100	0.110		mg/L		110	75 - 125

Lab Sample ID: 680-266136-B-2-C MSD
Matrix: Water
Analysis Batch: 74191

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 73929

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125	0	20
Arsenic	<0.0013		0.100	0.109		mg/L		109	75 - 125	2	20
Barium	0.038		0.100	0.138		mg/L		100	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0967		mg/L		97	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0972		mg/L		97	75 - 125	0	20
Chromium	<0.0037		0.100	0.108		mg/L		108	75 - 125	0	20
Cobalt	<0.00041		0.100	0.109		mg/L		109	75 - 125	1	20
Copper	<0.00064		0.100	0.109		mg/L		109	75 - 125	1	20
Lead	<0.00086		0.100	0.104		mg/L		104	75 - 125	1	20
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125	0	20
Selenium	<0.0023		0.100	0.0982		mg/L		98	75 - 125	0	20
Silver	<0.00017		0.0100	0.0108		mg/L		108	75 - 125	0	20
Thallium	<0.00019		0.100	0.105		mg/L		105	75 - 125	0	20
Vanadium	<0.0012		0.100	0.108		mg/L		108	75 - 125	1	20
Zinc	<0.0089		0.100	0.113		mg/L		113	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-74878/1-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 74878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/14/25 09:08	08/14/25 12:26	1

Lab Sample ID: LCS 705-74878/2-A
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00365		mg/L		91	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-39261-A-6-C MS
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00378		mg/L		95	75 - 125		

Lab Sample ID: 705-39261-A-6-D MSD
Matrix: Water
Analysis Batch: 75062

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 74878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00380		mg/L		95	75 - 125	0	20

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38426-1
Project/Site: CCR - Plant Scherer Effluent

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

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JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

705-37757-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-37757-1	SCH-GWC-30	Water	07/23/25 10:28	07/24/25 10:45	Georgia
705-37757-2	SCH-CELL3-FB-10	Water	07/23/25 10:38	07/24/25 10:45	Georgia
705-37757-3	SCH-GWC-31	Water	07/23/25 11:54	07/24/25 10:45	Georgia
705-37757-4	SCH-GWC-32	Water	07/23/25 14:30	07/24/25 10:45	Georgia
705-37757-5	SCH-GWC-34	Water	07/23/25 15:11	07/24/25 10:45	Georgia
705-37757-6	SCH-CELL3-EB-10	Water	07/23/25 16:00	07/24/25 10:45	Georgia
705-37757-7	SCH-GWC-35	Water	07/23/25 14:17	07/24/25 10:45	Georgia
705-37757-8	SCH-GWC-36	Water	07/23/25 11:18	07/24/25 10:45	Georgia
705-37757-9	SCH-GWC-37	Water	07/23/25 13:05	07/24/25 10:45	Georgia
705-37757-10	SCH-CELL3-FB-9	Water	07/23/25 13:30	07/24/25 10:45	Georgia
705-37757-11	SCH-GWA-41	Water	07/23/25 14:49	07/24/25 10:45	Georgia
705-37757-12	SCH-GWA-42	Water	07/23/25 13:42	07/24/25 10:45	Georgia
705-37757-13	SCH-GWA-43	Water	07/23/25 11:13	07/24/25 10:45	Georgia
705-37757-14	SCH-GWA-39	Water	07/23/25 12:15	07/24/25 10:45	Georgia
705-37757-15	SCH-GWA-54	Water	07/23/25 16:46	07/24/25 10:45	Georgia
705-37757-16	SCH-CELL3-FD-10	Water	07/23/25 00:00	07/24/25 10:45	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Dana Bloomfield	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 404-242-7557	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0010 / PO Line #1			
Project Name: CCR - Plant Scherer - Cell 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Ag, Cu, Ni, V, Zn	7470A - App IV Mercury	2320B - Total Alkalinity		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228				Total Number of containers	
			Preservation Code:				N	N	D	D	D	N		D	D	D					
SCH-GWC-30	7/23/25	1028	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-FB-10	7/23/25	1038	G	WQ			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-31	7/23/25	1154	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-32	7/23/25	1430	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-34	7/23/25	1511	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-EB-10	7/23/25	1600	G	WQ			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-35	7/23/25	1417	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-36	7/23/25	1118	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWC-37	7/23/25	1305	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-FB-9	7/23/25	1330	G	WQ			X	X	X	X	X	X		X	X	X				5	
SCH-GWA-41	7/23/25	1449	G	WG			X	X	X	X	X	X		X	X	X				7	extra Rad

705-37757 COC

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level III Data Report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	7/24/25 0825	WSP	Mike Gemmill	7/24/25 0825	Courier Now
Relinquished by: Mike Gemmill	7/24/25 1045	Courier Now		7.24.25 1045	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #2665 3.1 3.2 3.0 4.9 4.4

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Dana Bloomfield	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 404-242-7557	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0010 / PO Line #1			
Project Name: CCR - Plant Scherer - Cell 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Ag, Cu, Ni, V, Zn	7470A - App IV Mercury	2320B - Total Alkalinity		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228				Total Number of containers	
			Preservation Code:				N	N	D	D	D	N		D	D	D					
SCH-GWA-42	7/23/25	1342	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWA-43	7/23/25	1113	G	WG			X	X	X	X	X	X		X	X	X				7	Extra Rad
SCH-GWA-39	7/23/25	1215	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-GWA-54	7/23/25	1646	G	WG			X	X	X	X	X	X		X	X	X				5	
SCH-CELL3-FD-10	7/23/25	-	G	WG			X	X	X	X	X	X		X	X	X				5	

X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client X Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level II Data Report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	7/24/25 0825	WSS	MIKE GEMMILL	7/24/25 825	Courier Now
Relinquished by: MIKE GEMMILL	Date/Time: 7/24/25 1045	Company Courier Now	Received by:	Date/Time: 7-24-25	Company 1045
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

8/27/2025

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-53690.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-37757-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/5/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 70504533			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWC-30 (705-37757-1)	7/23/25	10:28 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FB-10 (705-37757-2)	7/23/25	10:38 Eastern	G	Water			X	X	X	2	
SCH-GWC-31 (705-37757-3)	7/23/25	11:54 Eastern	G	Water			X	X	X	2	
SCH-GWC-32 (705-37757-4)	7/23/25	14:30 Eastern	G	Water			X	X	X	2	
SCH-GWC-34 (705-37757-5)	7/23/25	15:11 Eastern	G	Water			X	X	X	2	
SCH-CELL3-EB-10 (705-37757-6)	7/23/25	16:00 Eastern	G	Water			X	X	X	2	
SCH-GWC-35 (705-37757-7)	7/23/25	14:17 Eastern	G	Water			X	X	X	2	
SCH-GWC-36 (705-37757-8)	7/23/25	11:18 Eastern	G	Water			X	X	X	2	
SCH-GWC-37 (705-37757-9)	7/23/25	13:05 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MJ	7/24/25 1700		M. Pinette	JUL 25 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

8/27/2025

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-53690.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-37757-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/5/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 70504533			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-CELL3-FB-9 (705-37757-10)	7/23/25	13:30 Eastern	G	Water			X	X	X	2	
SCH-GWA-41 (705-37757-11)	7/23/25	14:49 Eastern	G	Water			X	X	X	4	
SCH-GWA-42 (705-37757-12)	7/23/25	13:42 Eastern	G	Water			X	X	X	2	
SCH-GWA-43 (705-37757-13)	7/23/25	11:13 Eastern	G	Water			X	X	X	4	
SCH-GWA-39 (705-37757-14)	7/23/25	12:15 Eastern	G	Water			X	X	X	2	
SCH-GWA-54 (705-37757-15)	7/23/25	16:46 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-10 (705-37757-16)	7/23/25	Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MJ	7/24/25 1700		M. Pinette	JUL 25 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-37757-2

Login Number: 37757

List Source: Eurofins Atlanta

List Number: 1

Creator: Tescum, Allyson

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-37757-2

Login Number: 37757
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 07/25/25 12:19 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-37757-2
Project/Site: CCR - Plant Scherer Cell 3

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-37757-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/24/2025 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 3.0°C, 3.1°C, 3.2°C, 4.4°C and 4.9°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium-228 batch 729826
The LCS recovered at (126%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-729826/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWC-30

Lab Sample ID: 705-37757-1

Date Collected: 07/23/25 10:28

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00916	U	0.192	0.192	1.00	0.389	pCi/L	07/31/25 08:13	08/26/25 16:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:47*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.355	U	0.357	0.358	1.00	0.574	pCi/L	07/31/25 08:17	08/26/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*
Y Carrier	*76.3*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.345	U	0.405	0.406	5.00	0.574	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 705-37757-2

Date Collected: 07/23/25 10:38

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.118	U	0.211	0.211	1.00	0.370	pCi/L	07/31/25 08:13	08/26/25 16:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:48*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0508	U	0.296	0.296	1.00	0.569	pCi/L	07/31/25 08:17	08/26/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*
Y Carrier	*79.6*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 705-37757-2

Date Collected: 07/23/25 10:38

Matrix: Water

Date Received: 07/24/25 10:45

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0673	U	0.364	0.364	5.00	0.569	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 705-37757-3

Date Collected: 07/23/25 11:54

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0508	U	0.148	0.148	1.00	0.333	pCi/L	07/31/25 08:13	08/26/25 16:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:48*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.421	U	0.391	0.393	1.00	0.626	pCi/L	07/31/25 08:17	08/26/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.1*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*
Y Carrier	*82.2*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.371	U	0.418	0.420	5.00	0.626	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 705-37757-4

Date Collected: 07/23/25 14:30

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0483	U	0.154	0.154	1.00	0.341	pCi/L	07/31/25 08:13	08/26/25 16:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:48*	*1*

Client Sample ID: SCH-GWC-32

Lab Sample ID: 705-37757-4

Date Collected: 07/23/25 14:30
Matrix: Water
Date Received: 07/24/25 10:45

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.653		0.408	0.412	1.00	0.604	pCi/L	07/31/25 08:17	08/26/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.8*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*
Y Carrier	*77.4*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.605		0.436	0.440	5.00	0.604	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 705-37757-5

Date Collected: 07/23/25 15:11
Matrix: Water
Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.156	U	0.187	0.188	1.00	0.306	pCi/L	07/31/25 08:13	08/26/25 16:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.5*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:49*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0771	U	0.369	0.369	1.00	0.661	pCi/L	07/31/25 08:17	08/26/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.5*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*
Y Carrier	*74.8*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.234	U	0.414	0.414	5.00	0.661	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 705-37757-6

Date Collected: 07/23/25 16:00

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0811	U	0.180	0.180	1.00	0.329	pCi/L	07/31/25 08:13	08/26/25 16:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:49*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.571	U	0.411	0.415	1.00	0.621	pCi/L	07/31/25 08:17	08/26/25 11:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*
Y Carrier	*74.4*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.652**		0.449	0.452	5.00	0.621	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 705-37757-7

Date Collected: 07/23/25 14:17

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0277	U	0.133	0.133	1.00	0.268	pCi/L	07/31/25 08:13	08/26/25 16:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:49*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.581	U	0.431	0.435	1.00	0.666	pCi/L	07/31/25 08:17	08/26/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:51*	*1*
Y Carrier	*75.9*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:51*	*1*

Client Sample ID: SCH-GWC-35

Lab Sample ID: 705-37757-7

Date Collected: 07/23/25 14:17

Matrix: Water

Date Received: 07/24/25 10:45

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.609	U	0.451	0.455	5.00	0.666	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 705-37757-8

Date Collected: 07/23/25 11:18

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.273	U	0.306	0.307	1.00	0.495	pCi/L	07/31/25 08:13	08/26/25 16:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*58.1*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:51*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.212	U	0.505	0.505	1.00	0.889	pCi/L	07/31/25 08:17	08/26/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*58.1*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:51*	*1*
Y Carrier	*75.1*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:51*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.484	U	0.590	0.591	5.00	0.889	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 705-37757-9

Date Collected: 07/23/25 13:05

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.107	U	0.155	0.155	1.00	0.265	pCi/L	07/31/25 08:13	08/26/25 16:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:51*	*1*

Client Sample ID: SCH-GWC-37

Lab Sample ID: 705-37757-9

Date Collected: 07/23/25 13:05
Matrix: Water
Date Received: 07/24/25 10:45

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0454	U	0.369	0.369	1.00	0.681	pCi/L	07/31/25 08:17	08/26/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:51*	*1*
Y Carrier	*81.5*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:51*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0611	U	0.400	0.400	5.00	0.681	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 705-37757-10

Date Collected: 07/23/25 13:30
Matrix: Water
Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.120	U	0.148	0.148	1.00	0.392	pCi/L	07/31/25 08:13	08/26/25 16:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.2*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:51*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0841	U	0.445	0.445	1.00	0.823	pCi/L	07/31/25 08:17	08/26/25 13:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.2*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:43*	*1*
Y Carrier	*75.1*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:43*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0357	U	0.469	0.469	5.00	0.823	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 705-37757-11

Date Collected: 07/23/25 14:49

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0617	U	0.185	0.185	1.00	0.350	pCi/L	07/31/25 08:13	08/26/25 16:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:57*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0709	U	0.472	0.472	1.00	0.857	pCi/L	07/31/25 08:17	08/26/25 13:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:43*	*1*
Y Carrier	*77.4*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:43*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.133	U	0.507	0.507	5.00	0.857	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 705-37757-12

Date Collected: 07/23/25 13:42

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0772	U	0.180	0.181	1.00	0.333	pCi/L	07/31/25 08:13	08/26/25 16:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:57*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0123	U	0.381	0.381	1.00	0.721	pCi/L	07/31/25 08:17	08/26/25 13:43	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:43*	*1*
Y Carrier	*79.3*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:43*	*1*

Client Sample ID: SCH-GWA-42

Lab Sample ID: 705-37757-12

Date Collected: 07/23/25 13:42

Matrix: Water

Date Received: 07/24/25 10:45

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0650	U	0.421	0.422	5.00	0.721	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 705-37757-13

Date Collected: 07/23/25 11:13

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0962	U	0.213	0.213	1.00	0.383	pCi/L	07/31/25 08:13	08/26/25 16:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:57*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.00281	U	0.486	0.486	1.00	0.885	pCi/L	07/31/25 08:17	08/26/25 13:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.1*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:44*	*1*
Y Carrier	*77.8*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:44*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0934	U	0.531	0.531	5.00	0.885	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 705-37757-14

Date Collected: 07/23/25 12:15

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0678	U	0.205	0.205	1.00	0.380	pCi/L	07/31/25 08:13	08/26/25 16:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:58*	*1*

Client Sample ID: SCH-GWA-39

Lab Sample ID: 705-37757-14

Date Collected: 07/23/25 12:15

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.164	U	0.405	0.405	1.00	0.709	pCi/L	07/31/25 08:17	08/26/25 13:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*
Y Carrier	*80.7*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.231	U	0.454	0.454	5.00	0.709	pCi/L		08/27/25 10:05	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 705-37757-15

Date Collected: 07/23/25 16:46

Matrix: Water

Date Received: 07/24/25 10:45

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.184	U	0.236	0.237	1.00	0.393	pCi/L	07/31/25 08:13	08/26/25 16:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:58*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.463	U	0.433	0.435	1.00	0.689	pCi/L	07/31/25 08:17	08/26/25 13:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*
Y Carrier	*80.4*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.647	U	0.493	0.495	5.00	0.689	pCi/L		08/27/25 10:05	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-2

Client Sample ID: SCH-CELL3-FD-10

Date Collected: 07/23/25 00:00
Date Received: 07/24/25 10:45

Lab Sample ID: 705-37757-16

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00934	U	0.189	0.189	1.00	0.378	pCi/L	07/31/25 08:13	08/26/25 16:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:58*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.330	U	0.406	0.407	1.00	0.673	pCi/L	07/31/25 08:17	08/26/25 13:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*
Y Carrier	*81.9*		*30 - 110*	*07/31/25 08:17*	*08/26/25 13:42*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.339	U	0.448	0.449	5.00	0.673	pCi/L		08/27/25 10:05	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
705-37757-1	SCH-GWC-30	86.4
705-37757-2	SCH-CELL3-FB-10	87.6
705-37757-3	SCH-GWC-31	90.1
705-37757-3 DU	SCH-GWC-31	92.1
705-37757-4	SCH-GWC-32	93.8
705-37757-5	SCH-GWC-34	93.5
705-37757-6	SCH-CELL3-EB-10	84.1
705-37757-7	SCH-GWC-35	93.3
705-37757-8	SCH-GWC-36	58.1
705-37757-9	SCH-GWC-37	92.8
705-37757-10	SCH-CELL3-FB-9	71.2
705-37757-11	SCH-GWA-41	80.4
705-37757-12	SCH-GWA-42	84.1
705-37757-13	SCH-GWA-43	92.1
705-37757-14	SCH-GWA-39	92.6
705-37757-15	SCH-GWA-54	87.8
705-37757-16	SCH-CELL3-FD-10	88.3
LCS 160-729825/2-A	Lab Control Sample	87.3
MB 160-729825/1-A	Method Blank	91.1

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
705-37757-1	SCH-GWC-30	86.4	76.3
705-37757-2	SCH-CELL3-FB-10	87.6	79.6
705-37757-3	SCH-GWC-31	90.1	82.2
705-37757-3 DU	SCH-GWC-31	92.1	74.8
705-37757-4	SCH-GWC-32	93.8	77.4
705-37757-5	SCH-GWC-34	93.5	74.8
705-37757-6	SCH-CELL3-EB-10	84.1	74.4
705-37757-7	SCH-GWC-35	93.3	75.9
705-37757-8	SCH-GWC-36	58.1	75.1
705-37757-9	SCH-GWC-37	92.8	81.5
705-37757-10	SCH-CELL3-FB-9	71.2	75.1
705-37757-11	SCH-GWA-41	80.4	77.4
705-37757-12	SCH-GWA-42	84.1	79.3
705-37757-13	SCH-GWA-43	92.1	77.8
705-37757-14	SCH-GWA-39	92.6	80.7
705-37757-15	SCH-GWA-54	87.8	80.4
705-37757-16	SCH-CELL3-FD-10	88.3	81.9
LCS 160-729826/2-A	Lab Control Sample	87.3	79.6
MB 160-729826/1-A	Method Blank	91.1	82.2

Tracer/Carrier Legend

Ba = Ba Carrier

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-37757-2
Project/Site: CCR - Plant Scherer Cell 3

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Job ID: 705-37757-2
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-GWC-30
Lab Sample ID: 705-37757-1
Date Collected: 07/23/25 10:28
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733708	FLC	EET SL	08/26/25 16:47
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-CELL3-FB-10
Lab Sample ID: 705-37757-2
Date Collected: 07/23/25 10:38
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733708	FLC	EET SL	08/26/25 16:48
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-GWC-31
Lab Sample ID: 705-37757-3
Date Collected: 07/23/25 11:54
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733708	FLC	EET SL	08/26/25 16:48
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-GWC-32
Lab Sample ID: 705-37757-4
Date Collected: 07/23/25 14:30
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733708	FLC	EET SL	08/26/25 16:48
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-2

Client Sample ID: SCH-GWC-34

Lab Sample ID: 705-37757-5

Date Collected: 07/23/25 15:11
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733702	SWS	EET SL	08/26/25 16:49
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 705-37757-6

Date Collected: 07/23/25 16:00
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733702	SWS	EET SL	08/26/25 16:49
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:50
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-GWC-35

Lab Sample ID: 705-37757-7

Date Collected: 07/23/25 14:17
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733702	SWS	EET SL	08/26/25 16:49
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-GWC-36

Lab Sample ID: 705-37757-8

Date Collected: 07/23/25 11:18
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733702	SWS	EET SL	08/26/25 16:51
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-2

Client Sample ID: SCH-GWC-37

Lab Sample ID: 705-37757-9

Date Collected: 07/23/25 13:05
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733702	SWS	EET SL	08/26/25 16:51
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 705-37757-10

Date Collected: 07/23/25 13:30
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733702	SWS	EET SL	08/26/25 16:51
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-GWA-41

Lab Sample ID: 705-37757-11

Date Collected: 07/23/25 14:49
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 16:57
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-GWA-42

Lab Sample ID: 705-37757-12

Date Collected: 07/23/25 13:42
Matrix: Water
Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 16:57
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-37757-2

Client Sample ID: SCH-GWA-43

Lab Sample ID: 705-37757-13

Date Collected: 07/23/25 11:13

Matrix: Water

Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 16:57
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 13:44
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-GWA-39

Lab Sample ID: 705-37757-14

Date Collected: 07/23/25 12:15

Matrix: Water

Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 16:58
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733708	FLC	EET SL	08/26/25 13:42
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-GWA-54

Lab Sample ID: 705-37757-15

Date Collected: 07/23/25 16:46

Matrix: Water

Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 16:58
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733708	FLC	EET SL	08/26/25 13:42
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 705-37757-16

Date Collected: 07/23/25 00:00

Matrix: Water

Date Received: 07/24/25 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			729825	JTR	EET SL	07/31/25 08:13
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 16:58
Total/NA	Prep	PrecSep_0			729826	JTR	EET SL	07/31/25 08:17
Total/NA	Analysis	9320		1	733708	FLC	EET SL	08/26/25 13:42
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:05

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-729825/1-A
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729825

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.07301	U	0.134	0.134	1.00	0.323	pCi/L	07/31/25 08:13	08/26/25 16:48	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.1*		*30 - 110*	*07/31/25 08:13*	*08/26/25 16:48*	*1*

Lab Sample ID: LCS 160-729825/2-A
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729825

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.474		1.17	1.00	0.361	pCi/L	89	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.3*		*30 - 110*

Lab Sample ID: 705-37757-3 DU
Matrix: Water
Analysis Batch: 733708

Client Sample ID: SCH-GWC-31
Prep Type: Total/NA
Prep Batch: 729825

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	-0.0508	U		-0.04631	U	0.208	1.00	0.424	pCi/L			0.01	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.1*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-729826/1-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729826

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4364	U	0.351	0.354	1.00	0.546	pCi/L	07/31/25 08:17	08/26/25 11:50	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.1*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*
Y Carrier	*82.2*		*30 - 110*	*07/31/25 08:17*	*08/26/25 11:50*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-729826/2-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729826

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.13	11.50		1.51	1.00	0.570	pCi/L	126	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.3*		*30 - 110*
Y Carrier	*79.6*		*30 - 110*

Lab Sample ID: 705-37757-3 DU
Matrix: Water
Analysis Batch: 733699

Client Sample ID: SCH-GWC-31
Prep Type: Total/NA
Prep Batch: 729826

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.421	U		1.202		0.469	1.00	0.577	pCi/L			0.91	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.1*		*30 - 110*
Y Carrier	*74.8*		*30 - 110*

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-37757-2
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/27/2025 1:41:54 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

705-38043-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38043-1	SCH-GWA-40	Water	07/24/25 10:31	07/25/25 15:31	Georgia
705-38043-2	SCH-GWC-38	Water	07/24/25 12:31	07/25/25 15:31	Georgia
705-38043-3	SCH-GWC-33A	Water	07/24/25 14:07	07/25/25 15:31	Georgia
705-38043-4	SCH-CELL3-FD-9	Water	07/24/25 00:00	07/25/25 15:31	Georgia
705-38043-5	SCH-CELL3-EB-9	Water	07/24/25 10:45	07/25/25 15:31	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Jake Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0010 / PO Line #1			
Project Name: CCR - Plant Scherer - Cell 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

705-38043 COC

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Ag, Cu, Ni, V, Zn	7470A - App IV Mercury	2320B - Total Alkalinity		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228				Total Number of containers
			Preservation Code:				N	N	D	D	D	N		D	D	D				
SCH-GWA-40	7/24/25	10:31	G	WG			X	X	X	X	X	X		X	X	X				5
SCH-GWC-38	7/24/25	12:31	G	WG			X	X	X	X	X	X		X	X	X				5
SCH-GWC-33A	7/24/25	14:07	G	WG			X	X	X	X	X	X		X	X	X				5
SCH-CELL3-FD-9	7/24/25	-	G	WG			X	X	X	X	X	X		X	X	X				5
SCH-CELL3-EB-9	7/24/25	10:45	G	WQ			X	X	X	X	X	X		X	X	X				5

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, (II) III, IV, Other (specify) level II data report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 7/25/25 1309	Company WSP	Received by: Miranda Linear	Date/Time: 7/25/25 1:10pm	Company CNOM
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 07/25/25 1531	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.3/3.3

Ver: 01/16/2019

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-54464.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-38043-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/28/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 70504533			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWA-40 (705-38043-1)	7/24/25	10:31 Eastern	G	Water			X	X	X	2	
SCH-GWC-38 (705-38043-2)	7/24/25	12:31 Eastern	G	Water			X	X	X	2	
SCH-GWC-33A (705-38043-3)	7/24/25	14:07 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-9 (705-38043-4)	7/24/25	Eastern	G	Water			X	X	X	2	
SCH-CELL3-EB-9 (705-38043-5)	7/24/25	10:45 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	MJ	7/28/25 1720		M. Pinette	JUL 29 2025 0840	
2	Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38043-2

Login Number: 38043
List Number: 1
Creator: Hartley, Tyler

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38043-2

Login Number: 38043
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 07/29/25 11:20 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38043-2
Project/Site: CCR - Plant Scherer Cell 3

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38043-2 Eurofins Atlanta

Job Narrative
705-38043-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/25/2025 3:31 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium-228 batch 730089
The LCS recovered at (126%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-730089/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWA-40

Lab Sample ID: 705-38043-1

Date Collected: 07/24/25 10:31

Matrix: Water

Date Received: 07/25/25 15:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.204	U	0.194	0.195	1.00	0.302	pCi/L	08/01/25 09:48	08/26/25 09:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*08/01/25 09:48*	*08/26/25 09:06*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.000	U	0.313	0.313	1.00	0.598	pCi/L	08/01/25 09:55	08/25/25 13:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*08/01/25 09:55*	*08/25/25 13:35*	*1*
Y Carrier	*78.9*		*30 - 110*	*08/01/25 09:55*	*08/25/25 13:35*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.204	U	0.368	0.369	5.00	0.598	pCi/L		08/26/25 15:26	1

Client Sample ID: SCH-GWC-38

Lab Sample ID: 705-38043-2

Date Collected: 07/24/25 12:31

Matrix: Water

Date Received: 07/25/25 15:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.172	U	0.167	0.168	1.00	0.260	pCi/L	08/01/25 09:48	08/26/25 09:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*08/01/25 09:48*	*08/26/25 09:06*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0199	U	0.326	0.326	1.00	0.616	pCi/L	08/01/25 09:55	08/25/25 13:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*08/01/25 09:55*	*08/25/25 13:35*	*1*
Y Carrier	*77.4*		*30 - 110*	*08/01/25 09:55*	*08/25/25 13:35*	*1*

Client Sample ID: SCH-GWC-38

Lab Sample ID: 705-38043-2

Date Collected: 07/24/25 12:31
Matrix: Water
Date Received: 07/25/25 15:31

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.191	U	0.366	0.367	5.00	0.616	pCi/L		08/26/25 15:26	1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 705-38043-3

Date Collected: 07/24/25 14:07
Matrix: Water
Date Received: 07/25/25 15:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0726	U	0.138	0.138	1.00	0.245	pCi/L	08/01/25 09:48	08/26/25 09:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*08/01/25 09:48*	*08/26/25 09:06*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0806	U	0.297	0.298	1.00	0.540	pCi/L	08/01/25 09:55	08/25/25 13:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*101*		*30 - 110*	*08/01/25 09:55*	*08/25/25 13:36*	*1*
Y Carrier	*80.0*		*30 - 110*	*08/01/25 09:55*	*08/25/25 13:36*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.153	U	0.327	0.328	5.00	0.540	pCi/L		08/26/25 15:26	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 705-38043-4

Date Collected: 07/24/25 00:00
Matrix: Water
Date Received: 07/25/25 15:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0111	U	0.155	0.155	1.00	0.326	pCi/L	08/04/25 08:03	08/26/25 18:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*08/04/25 08:03*	*08/26/25 18:48*	*1*

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 705-38043-4

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/25/25 15:31

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.479	U	0.408	0.410	1.00	0.642	pCi/L	08/04/25 08:09	08/26/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:48*	*1*
Y Carrier	*74.4*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.468	U	0.436	0.438	5.00	0.642	pCi/L		08/27/25 10:35	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 705-38043-5

Date Collected: 07/24/25 10:45

Matrix: Water

Date Received: 07/25/25 15:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00752	U	0.158	0.158	1.00	0.339	pCi/L	08/04/25 08:03	08/26/25 18:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*08/04/25 08:03*	*08/26/25 18:48*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.715	U	0.497	0.501	1.00	0.755	pCi/L	08/04/25 08:09	08/26/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:48*	*1*
Y Carrier	*72.9*		*30 - 110*	*08/04/25 08:09*	*08/26/25 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.708	U	0.522	0.525	5.00	0.755	pCi/L		08/27/25 10:35	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-38043-2
Project/Site: CCR - Plant Scherer Cell 3

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
280-211188-C-2-A MS	Matrix Spike	84.1
280-211188-D-2-A MSD	Matrix Spike Duplicate	84.9
500-272315-F-6-B MS	Matrix Spike	91.6
500-272315-F-6-C MSD	Matrix Spike Duplicate	90.8
705-38043-1	SCH-GWA-40	91.3
705-38043-2	SCH-GWC-38	92.3
705-38043-3	SCH-GWC-33A	101
705-38043-4	SCH-CELL3-FD-9	89.3
705-38043-5	SCH-CELL3-EB-9	78.2
LCS 160-730087/2-A	Lab Control Sample	95.0
LCS 160-730296/2-A	Lab Control Sample	87.6
MB 160-730087/1-A	Method Blank	89.6
MB 160-730296/1-A	Method Blank	89.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
280-211188-C-2-B MS	Matrix Spike	84.1	77.0
280-211188-D-2-B MSD	Matrix Spike Duplicate	84.9	75.5
500-272315-F-6-E MS	Matrix Spike	91.6	76.6
500-272315-F-6-F MSD	Matrix Spike Duplicate	90.8	81.1
705-38043-1	SCH-GWA-40	91.3	78.9
705-38043-2	SCH-GWC-38	92.3	77.4
705-38043-3	SCH-GWC-33A	101	80.0
705-38043-4	SCH-CELL3-FD-9	89.3	74.4
705-38043-5	SCH-CELL3-EB-9	78.2	72.9
LCS 160-730089/2-A	Lab Control Sample	95.0	80.4
LCS 160-730297/2-A	Lab Control Sample	87.6	74.0
MB 160-730089/1-A	Method Blank	89.6	77.0
MB 160-730297/1-A	Method Blank	89.6	81.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38043-2

Client Sample ID: SCH-GWA-40

Lab Sample ID: 705-38043-1

Date Collected: 07/24/25 10:31
Matrix: Water
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730087	JTR	EET SL	08/01/25 09:48
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 09:06
Total/NA	Prep	PrecSep_0			730089	JTR	EET SL	08/01/25 09:55
Total/NA	Analysis	9320		1	733501	SWS	EET SL	08/25/25 13:35
Total/NA	Analysis	Ra226_Ra228		1	733729	SCB	EET SL	08/26/25 15:26

Client Sample ID: SCH-GWC-38

Lab Sample ID: 705-38043-2

Date Collected: 07/24/25 12:31
Matrix: Water
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730087	JTR	EET SL	08/01/25 09:48
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 09:06
Total/NA	Prep	PrecSep_0			730089	JTR	EET SL	08/01/25 09:55
Total/NA	Analysis	9320		1	733501	SWS	EET SL	08/25/25 13:35
Total/NA	Analysis	Ra226_Ra228		1	733729	SCB	EET SL	08/26/25 15:26

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 705-38043-3

Date Collected: 07/24/25 14:07
Matrix: Water
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730087	JTR	EET SL	08/01/25 09:48
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 09:06
Total/NA	Prep	PrecSep_0			730089	JTR	EET SL	08/01/25 09:55
Total/NA	Analysis	9320		1	733501	SWS	EET SL	08/25/25 13:36
Total/NA	Analysis	Ra226_Ra228		1	733729	SCB	EET SL	08/26/25 15:26

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 705-38043-4

Date Collected: 07/24/25 00:00
Matrix: Water
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730296	JTR	EET SL	08/04/25 08:03
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 18:48
Total/NA	Prep	PrecSep_0			730297	JTR	EET SL	08/04/25 08:09
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:35

Lab Chronicle

Client: Southern Company
Job ID: 705-38043-2
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-CELL3-EB-9
Lab Sample ID: 705-38043-5

Date Collected: 07/24/25 10:45
Matrix: Water
Date Received: 07/25/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730296	JTR	EET SL	08/04/25 08:03
Total/NA	Analysis	9315		1	733699	SWS	EET SL	08/26/25 18:48
Total/NA	Prep	PrecSep_0			730297	JTR	EET SL	08/04/25 08:09
Total/NA	Analysis	9320		1	733699	SWS	EET SL	08/26/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	733845	FLC	EET SL	08/27/25 10:35

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730087/1-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730087

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.06338	U	0.103	0.103	1.00	0.257	pCi/L	08/01/25 09:48	08/26/25 07:17	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*08/01/25 09:48*	*08/26/25 07:17*	*1*

Lab Sample ID: LCS 160-730087/2-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730087

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.615		1.20	1.00	0.241	pCi/L	100	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*95.0*		*30 - 110*

Lab Sample ID: 500-272315-F-6-B MS
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730087

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	1.12		18.8	17.73		2.24	1.00	0.483	pCi/L	88	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*91.6*		*30 - 110*

Lab Sample ID: 500-272315-F-6-C MSD
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730087

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	1.12		19.0	18.48		2.33	1.00	0.486	pCi/L	91	60 - 140	0.16	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*90.8*		*30 - 110*

Lab Sample ID: MB 160-730296/1-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730296

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1212	U	0.241	0.241	1.00	0.427	pCi/L	08/04/25 08:03	08/26/25 17:03	1

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-730296/1-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730296

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7049		0.412	0.418	1.00	0.598	pCi/L	08/01/25 09:55	08/25/25 12:03	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110	08/01/25 09:55	08/25/25 12:03	1

Lab Sample ID: LCS 160-730296/2-A
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730296

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.301		1.15	1.00	0.322	pCi/L	87	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	87.6		30 - 110

Lab Sample ID: 280-211188-C-2-A MS
Matrix: Water
Analysis Batch: 733699

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730296

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.305	U	9.57	8.250		1.20	1.00	0.467	pCi/L	83	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	84.1		30 - 110

Lab Sample ID: 280-211188-D-2-A MSD
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730296

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	0.305	U	9.56	9.467		1.27	1.00	0.329	pCi/L	96	60 - 140	0.49	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	84.9		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730089/1-A
Matrix: Water
Analysis Batch: 733503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730089

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7049		0.412	0.418	1.00	0.598	pCi/L	08/01/25 09:55	08/25/25 12:03	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110	08/01/25 09:55	08/25/25 12:03	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-730089/1-A
Matrix: Water
Analysis Batch: 733503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730089

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	77.0		30 - 110	08/01/25 09:55	08/25/25 12:03	1

Lab Sample ID: LCS 160-730089/2-A
Matrix: Water
Analysis Batch: 733503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730089

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.13	11.54		1.49	1.00	0.479	pCi/L	126	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	95.0		30 - 110
Y Carrier	80.4		30 - 110

Lab Sample ID: 500-272315-F-6-E MS
Matrix: Water
Analysis Batch: 733503

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730089

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	2.07	G	17.9	20.92		2.82	1.00	1.08	pCi/L	105	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	91.6		30 - 110
Y Carrier	76.6		30 - 110

Lab Sample ID: 500-272315-F-6-F MSD
Matrix: Water
Analysis Batch: 733503

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730089

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	2.07	G	18.2	19.12		2.62	1.00	1.10	pCi/L	94	60 - 140	0.33	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	90.8		30 - 110
Y Carrier	81.1		30 - 110

Lab Sample ID: MB 160-730297/1-A
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730297

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.002283	U	0.325	0.325	1.00	0.603	pCi/L	08/04/25 08:09	08/26/25 11:40	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-730297/1-A
Matrix: Water
Analysis Batch: 733708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730297

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.6		30 - 110	08/04/25 08:09	08/26/25 11:40	1
Y Carrier	81.1		30 - 110	08/04/25 08:09	08/26/25 11:40	1

Lab Sample ID: LCS 160-730297/2-A
Matrix: Water
Analysis Batch: 733702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730297

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.13	10.97		1.50	1.00	0.645	pCi/L	120	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	87.6		30 - 110
Y Carrier	74.0		30 - 110

Lab Sample ID: 280-211188-C-2-B MS
Matrix: Water
Analysis Batch: 733702

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 730297

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	0.717	U	9.12	9.612		1.37	1.00	0.632	pCi/L	98	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	84.1		30 - 110
Y Carrier	77.0		30 - 110

Lab Sample ID: 280-211188-D-2-B MSD
Matrix: Water
Analysis Batch: 733702

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 730297

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	0.717	U	9.11	11.45		1.55	1.00	0.665	pCi/L	118	60 - 140	0.63	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	84.9		30 - 110
Y Carrier	75.5		30 - 110

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38043-2
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 9/3/2025 3:55:16 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

705-38152-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38152-1	SCH-GWA-44A	Water	07/28/25 17:34	07/29/25 11:05	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: J. Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:	Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504533 (DO NOT REMOVE)			705-38152 COC
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0010 / PO Line #1			Other:
Project Name: CCR - Plant Scherer - Cell 3	Project #:			Task_Code: SCH-CCR-ASSMT-2025S2
Site:	SSOW#:			Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Ag, Cu, Ni, V, Zn	7470A - App IV Mercury	2320B - Total Alkalinity		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228				Total Number of containers
			Preservation Code:				N	N	D	D	D	N		D	D	D				
SCH-GWA-44A	7/28/25	1734	G	WG			X	X	X	X	X	X		X	X	X				5

Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Dustin Gregory	7/29/25 0825	WSP	MIKE GEMMILL	7/29/25 0825	Cooper Nuclear
MIKE GEMMILL	7/29/25 1100	Cooper NUC	R.	7.29.25 1105	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
	# 2665 1.0 1.3 2.5 20	

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-54764.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-38152-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/29/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 70504533			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWA-44A (705-38152-1)	7/28/25	17:34 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: M. Pinette	Date/Time: JUL 30 2025 0830	Company
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38152-2

Login Number: 38152

List Source: Eurofins Atlanta

List Number: 1

Creator: Torres, Dominique

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38152-2

Login Number: 38152
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 07/30/25 10:13 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Job ID: 705-38152-2
Project/Site: CCR - Plant Scherer Cell 3

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38152-2 — Eurofins Atlanta

Job Narrative
705-38152-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 7/29/2025 11:05 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.0°C, 1.3°C, 2.0°C and 2.5°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium-228 batch 730295
The LCS recovered at (71%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required (LCS 160-730295/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-2

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 705-38152-1

Date Collected: 07/28/25 17:34

Matrix: Water

Date Received: 07/29/25 11:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.000909	U	0.0661	0.0661	1.00	0.136	pCi/L	08/04/25 07:57	09/02/25 21:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*08/04/25 07:57*	*09/02/25 21:31*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.457	U	0.370	0.372	1.00	0.575	pCi/L	08/04/25 08:02	08/29/25 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:57*	*1*
Y Carrier	*75.9*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:57*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.458	U	0.376	0.378	5.00	0.575	pCi/L		09/03/25 13:03	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-38152-2
Project/Site: CCR - Plant Scherer Cell 3

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
		Ba							
Lab Sample ID	Client Sample ID	(30-110)							
280-211122-A-1-A DU	Duplicate	87.3							
705-38152-1	SCH-GWA-44A	94.5							
LCS 160-730294/2-A	Lab Control Sample	81.1							
MB 160-730294/1-A	Method Blank	91.8							

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
		Ba	Y						
Lab Sample ID	Client Sample ID	(30-110)	(30-110)						
280-211122-A-1-B DU	Duplicate	87.3	75.5						
705-38152-1	SCH-GWA-44A	94.5	75.9						
LCS 160-730295/2-A	Lab Control Sample	81.1	62.1						
MB 160-730295/1-A	Method Blank	91.8	79.6						

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 705-38152-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Lab Chronicle

Client: Southern Company
Job ID: 705-38152-2
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-GWA-44A
Lab Sample ID: 705-38152-1
Date Collected: 07/28/25 17:34
Matrix: Water
Date Received: 07/29/25 11:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			730294	JTR	EET SL	08/04/25 07:57
Total/NA	Analysis	9315		1	734477	FLC	EET SL	09/02/25 21:31
Total/NA	Prep	PrecSep_0			730295	JTR	EET SL	08/04/25 08:02
Total/NA	Analysis	9320		1	734194	SWS	EET SL	08/29/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	734645	FLC	EET SL	09/03/25 13:03

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-730294/1-A
Matrix: Water
Analysis Batch: 734198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730294

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1657	U	0.217	0.217	1.00	0.363	pCi/L	08/04/25 07:57	08/29/25 17:46	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*08/04/25 07:57*	*08/29/25 17:46*	*1*

Lab Sample ID: LCS 160-730294/2-A
Matrix: Water
Analysis Batch: 734198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730294

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.993		1.25	1.00	0.361	pCi/L	94	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*81.1*		*30 - 110*

Lab Sample ID: 280-211122-A-1-A DU
Matrix: Water
Analysis Batch: 734198

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730294

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.150	U		0.4751		0.260	1.00	0.319	pCi/L			0.63	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*87.3*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-730295/1-A
Matrix: Water
Analysis Batch: 734193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 730295

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2648	U	0.284	0.285	1.00	0.612	pCi/L	08/04/25 08:02	08/29/25 11:54	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:54*	*1*
Y Carrier	*79.6*		*30 - 110*	*08/04/25 08:02*	*08/29/25 11:54*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-730295/2-A
Matrix: Water
Analysis Batch: 734193

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 730295

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.12	6.434		1.26	1.00	1.01	pCi/L	71	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*81.1*		*30 - 110*
Y Carrier	*62.1*		*30 - 110*

Lab Sample ID: 280-211122-A-1-B DU
Matrix: Water
Analysis Batch: 734193

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 730295

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.198	U		0.6996		0.464	1.00	0.684	pCi/L			0.55	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*87.3*		*30 - 110*
Y Carrier	*75.5*		*30 - 110*

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38152-2
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

APPENDIX B

Analytical Results
October 2025

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 11/10/2025 5:06:43 PM

JOB DESCRIPTION

Plant Scherer - Cell 1

JOB NUMBER

705-46835-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

myEOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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11/10/2025 5:06:43 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-46835-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-46835-1	SCH-GWC-7	Water	10/20/25 16:35	10/22/25 10:23	Georgia
705-46835-2	SCH-GWC-19	Water	10/20/25 15:21	10/22/25 10:23	Georgia
705-46835-3	SCH-GWC-1	Water	10/21/25 13:00	10/22/25 10:23	Georgia
705-46835-4	SCH-GWC-4	Water	10/21/25 10:45	10/22/25 10:23	Georgia
705-46835-5	SCH-GWC-18	Water	10/21/25 12:32	10/22/25 10:23	Georgia
705-46835-6	SCH-GWC-20	Water	10/21/25 11:40	10/22/25 10:23	Georgia
705-46835-7	SCH-CELL1-FD-1	Water	10/20/25 00:00	10/22/25 10:23	Georgia
705-46835-8	SCH-CELL1-FB-1	Water	10/21/25 13:15	10/22/25 10:23	Georgia
705-46835-9	SCH-CELL1-EB-1	Water	10/21/25 13:25	10/22/25 10:23	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Te

Client Information	Sampler: Mark Mann	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 706-755-3862	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:

Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:	Analysis Requested	Preservation Codes: D - HNO3 N - None
City: Atlanta	TAT Requested (days): 2 weeks		
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No		705-46835 COC
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)		Other:
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3		
Project Name: GPC Plant Scherer - Cell 1	Project #:		Task_Code: SCH-CCR-ASSMT-2025S2R2
Site:	SSOW#:		Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D* - App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	6020B* - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K) (Dissolved/Field Filtered)	6010D* - App III Metals (Boron, Calcium) (Dissolved/Field Filtered)							Total Number of containers	
			Preservation Code:				N	N	D	D	D	D	D								
SCH-GWC-7	10/20/25	16:35	G	WG			X	X	X	X		X	X							4	*Chromium, Calcium ONLY
SCH-GWC-19	10/20/25	15:21	G	WG			X	X	X	X		X	X							4	*Nickel, Zinc, Boron, Calcium ONLY
SCH-GWC-1	10/21/25	13:00	G	WG				X												1	
SCH-GWC-4	10/21/25	10:45	G	WG			X	X	X	X		X	X							4	*Barium, Selenium, Calcium ONLY
SCH-GWC-18	10/21/25	12:32	G	WG				X												1	
SCH-GWC-20	10/21/25	11:40	G	WG				X	X		X		X							3	*Calcium ONLY
SCH-CELL1-FD-1	10/20/25	-	G	WG			X	X	X	X		X	X							4	*Nickel, Zinc, Boron, Calcium ONLY
SCH-CELL1-FB-1	10/21/25	13:15	G	WQ				X												1	
SCH-CELL1-EB-1	10/21/25	13:25	G	WQ				X												1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: *see special instructons/notes for specific App III Metals and State Metals analyses for each sample

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN /	10/22/25 1020	WSP		10.22.25 1023	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	2.3°C	#26655

Ver: 01/16/2019

11/10/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-46835-1

Login Number: 46835

List Source: Eurofins Atlanta

List Number: 1

Creator: Sims, Christion

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Job ID: 705-46835-1
Project/Site: Plant Scherer - Cell 1

Qualifiers

Metals

Qualifier	Qualifier Description
^-	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-46835-1 Eurofins Atlanta

Job Narrative
705-46835-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/22/2025 10:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

Project Manager Comments
Per request by email on 10/23/2025, Dissolved Mercury was added to the lists of tests for SCH-GWC-20 (705-46835-6)

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Dissolved: The continuing calibration verification (CCV) associated with batch 705-91175 recovered above the upper control limit for Zinc, Dissolved. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: SCH-GWC-19 (705-46835-2) and SCH-CELL1-FD-1 (705-46835-7).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-46835-1

Client Sample ID: SCH-GWC-7 — Lab Sample ID: 705-46835-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	9.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Calcium, Dissolved	19		0.10	0.038	mg/L	1		6010D	Dissolved
Chromium	0.027		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Chromium, Dissolved	0.025		0.0050	0.0037	mg/L	1		6020B	Dissolved
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-19 — Lab Sample ID: 705-46835-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.98	mg/L	1		300.0	Total/NA
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Calcium, Dissolved	16		0.10	0.038	mg/L	1		6010D	Dissolved
Nickel	0.0014	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	140		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-1 — Lab Sample ID: 705-46835-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	150		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-4 — Lab Sample ID: 705-46835-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	49		1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	220		10	7.7	mg/L	10		300.0	Total/NA
Calcium	65		0.10	0.038	mg/L	1		6010D	Total/NA
Calcium, Dissolved	60		0.10	0.038	mg/L	1		6010D	Dissolved
Barium	0.16		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.020		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Barium, Dissolved	0.17		0.010	0.00041	mg/L	1		6020B	Dissolved
Selenium, Dissolved	0.011		0.0050	0.0023	mg/L	1		6020B	Dissolved
Total Dissolved Solids	490		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-18 — Lab Sample ID: 705-46835-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	97		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-20 — Lab Sample ID: 705-46835-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Calcium, Dissolved	17		0.10	0.038	mg/L	1		6010D	Dissolved
Total Dissolved Solids	140		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL1-FD-1 — Lab Sample ID: 705-46835-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.2		1.0	0.98	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-CELL1-FD-1 (Continued)

Lab Sample ID: 705-46835-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Calcium, Dissolved	16		0.10	0.038	mg/L	1		6010D	Dissolved
Nickel	0.00063	J	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL1-FB-1

Lab Sample ID: 705-46835-8

No Detections.

Client Sample ID: SCH-CELL1-EB-1

Lab Sample ID: 705-46835-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: SCH-GWC-7

Lab Sample ID: 705-46835-1

Date Collected: 10/20/25 16:35
Matrix: Water
Date Received: 10/22/25 10:23

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		1.0	0.98	mg/L			10/22/25 17:57	1
Sulfate	**9.2**		1.0	0.77	mg/L			10/22/25 17:57	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**21**		0.10	0.038	mg/L		10/23/25 12:22	10/24/25 10:43	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	**19**		0.10	0.038	mg/L			11/06/25 16:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.027**		0.0050	0.0037	mg/L		10/28/25 09:55	11/01/25 20:23	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	**0.025**		0.0050	0.0037	mg/L			10/28/25 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**170**		10	10	mg/L			10/22/25 17:30	1

Client Sample ID: SCH-GWC-19

Lab Sample ID: 705-46835-2

Date Collected: 10/20/25 15:21
Matrix: Water
Date Received: 10/22/25 10:23

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.1**		1.0	0.98	mg/L			10/22/25 18:09	1
Sulfate	<0.77		1.0	0.77	mg/L			10/22/25 18:09	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		10/23/25 12:22	10/24/25 11:13	1
Calcium	**17**		0.10	0.038	mg/L		10/23/25 12:22	10/24/25 11:13	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron, Dissolved	<0.026		0.080	0.026	mg/L			11/06/25 16:04	1
Calcium, Dissolved	**16**		0.10	0.038	mg/L			11/06/25 16:04	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.0014**	**J**	0.0050	0.00042	mg/L		10/28/25 09:55	11/01/25 20:26	1
Zinc	<0.0089		0.010	0.0089	mg/L		10/28/25 09:55	11/01/25 20:26	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel, Dissolved	<0.00042		0.0050	0.00042	mg/L			10/28/25 17:03	1
Zinc, Dissolved	<0.0089	^+	0.010	0.0089	mg/L			10/27/25 21:45	1

Client Sample ID: SCH-GWC-19

Lab Sample ID: 705-46835-2

Date Collected: 10/20/25 15:21

Matrix: Water

Date Received: 10/22/25 10:23

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	140		10	10	mg/L			10/22/25 17:30	1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 705-46835-3

Date Collected: 10/21/25 13:00

Matrix: Water

Date Received: 10/22/25 10:23

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	150		10	10	mg/L			10/22/25 17:30	1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 705-46835-4

Date Collected: 10/21/25 10:45

Matrix: Water

Date Received: 10/22/25 10:23

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49		1.0	0.98	mg/L			10/22/25 18:56	1
Sulfate	220		10	7.7	mg/L			10/22/25 20:31	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	65		0.10	0.038	mg/L		10/23/25 12:22	10/24/25 11:16	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	60		0.10	0.038	mg/L			11/06/25 16:07	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.16		0.010	0.00041	mg/L		10/29/25 08:32	11/09/25 21:45	1
Selenium	0.020		0.0050	0.0023	mg/L		10/29/25 08:32	11/09/25 21:45	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.17		0.010	0.00041	mg/L			10/27/25 21:47	1
Selenium, Dissolved	0.011		0.0050	0.0023	mg/L			10/29/25 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	490		10	10	mg/L			10/22/25 17:30	1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 705-46835-5

Date Collected: 10/21/25 12:32

Matrix: Water

Date Received: 10/22/25 10:23

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	97		10	10	mg/L			10/22/25 17:30	1

Client Sample ID: SCH-GWC-20

Lab Sample ID: 705-46835-6

Date Collected: 10/21/25 11:40

Matrix: Water

Date Received: 10/22/25 10:23

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**18**		0.10	0.038	mg/L		10/23/25 12:22	10/24/25 11:19	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium, Dissolved	**17**		0.10	0.038	mg/L			11/06/25 16:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		11/05/25 13:54	11/06/25 12:51	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	<0.00017		0.00020	0.00017	mg/L		11/05/25 13:54	11/06/25 12:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**140**		10	10	mg/L			10/22/25 17:30	1

Client Sample ID: SCH-CELL1-FD-1

Lab Sample ID: 705-46835-7

Date Collected: 10/20/25 00:00

Matrix: Water

Date Received: 10/22/25 10:23

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**		1.0	0.98	mg/L			10/22/25 19:08	1
Sulfate	<0.77		1.0	0.77	mg/L			10/22/25 19:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		10/23/25 12:22	10/24/25 11:22	1
Calcium	**17**		0.10	0.038	mg/L		10/23/25 12:22	10/24/25 11:22	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron, Dissolved	<0.026		0.080	0.026	mg/L			11/06/25 16:19	1
Calcium, Dissolved	**16**		0.10	0.038	mg/L			11/06/25 16:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.00063**	**J**	0.0050	0.00042	mg/L		10/28/25 09:55	11/01/25 20:28	1
Zinc	<0.0089		0.010	0.0089	mg/L		10/28/25 09:55	11/01/25 20:28	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel, Dissolved	<0.00042		0.0050	0.00042	mg/L			10/28/25 17:07	1
Zinc, Dissolved	<0.0089	^+	0.010	0.0089	mg/L			10/27/25 21:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			10/22/25 17:30	1

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-46835-1

Client Sample ID: SCH-CELL1-FB-1

Lab Sample ID: 705-46835-8

Date Collected: 10/21/25 13:15
Matrix: Water
Date Received: 10/22/25 10:23

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			10/22/25 17:30	1

Client Sample ID: SCH-CELL1-EB-1

Lab Sample ID: 705-46835-9

Date Collected: 10/21/25 13:25
Matrix: Water
Date Received: 10/22/25 10:23

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			10/22/25 17:30	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-46835-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL 2
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-46835-1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 705-46835-1

Date Collected: 10/20/25 16:35

Matrix: Water

Date Received: 10/22/25 10:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	90042	MS	EET ATL 2	10/22/25 17:57
Dissolved	Analysis	6010D		1	93647	DS	EET ATL	11/06/25 16:01
Total/NA	Prep	3010A			90402	SA	EET ATL	10/23/25 12:22
Total/NA	Analysis	6010D		1	90711	DS	EET ATL	10/24/25 10:43
Dissolved	Analysis	6020B		1	91466	TT	EET ATL	10/28/25 17:00
Total Recoverable	Prep	3005A			91109	BR	EET ATL	10/28/25 09:55
Total Recoverable	Analysis	6020B		1	92498	TT	EET ATL	11/01/25 20:23
Total/NA	Analysis	2540C - 2015		1	90221	NN	EET ATL	10/22/25 17:30

Client Sample ID: SCH-GWC-19

Lab Sample ID: 705-46835-2

Date Collected: 10/20/25 15:21

Matrix: Water

Date Received: 10/22/25 10:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	90042	MS	EET ATL 2	10/22/25 18:09
Dissolved	Analysis	6010D		1	93647	DS	EET ATL	11/06/25 16:04
Total/NA	Prep	3010A			90402	SA	EET ATL	10/23/25 12:22
Total/NA	Analysis	6010D		1	90711	DS	EET ATL	10/24/25 11:13
Dissolved	Analysis	6020B		1	91175	TT	EET ATL	10/27/25 21:45
Dissolved	Analysis	6020B		1	91466	TT	EET ATL	10/28/25 17:03
Total Recoverable	Prep	3005A			91109	BR	EET ATL	10/28/25 09:55
Total Recoverable	Analysis	6020B		1	92498	TT	EET ATL	11/01/25 20:26
Total/NA	Analysis	2540C - 2015		1	90221	NN	EET ATL	10/22/25 17:30

Client Sample ID: SCH-GWC-1

Lab Sample ID: 705-46835-3

Date Collected: 10/21/25 13:00

Matrix: Water

Date Received: 10/22/25 10:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	90221	NN	EET ATL	10/22/25 17:30

Client Sample ID: SCH-GWC-4

Lab Sample ID: 705-46835-4

Date Collected: 10/21/25 10:45

Matrix: Water

Date Received: 10/22/25 10:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	90042	MS	EET ATL 2	10/22/25 18:56
Total/NA	Analysis	300.0		10	90042	MS	EET ATL 2	10/22/25 20:31
Dissolved	Analysis	6010D		1	93647	DS	EET ATL	11/06/25 16:07
Total/NA	Prep	3010A			90402	SA	EET ATL	10/23/25 12:22
Total/NA	Analysis	6010D		1	90711	DS	EET ATL	10/24/25 11:16
Dissolved	Analysis	6020B		1	91175	TT	EET ATL	10/27/25 21:47
Dissolved	Analysis	6020B		1	91792	TT	EET ATL	10/29/25 16:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-46835-1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 705-46835-4

Date Collected: 10/21/25 10:45
Date Received: 10/22/25 10:23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			91438	SA	EET ATL	10/29/25 08:32
Total Recoverable	Analysis	6020B		1	93941	IF	EET ATL	11/09/25 21:45
Total/NA	Analysis	2540C - 2015		1	90221	NN	EET ATL	10/22/25 17:30

Client Sample ID: SCH-GWC-18

Lab Sample ID: 705-46835-5

Date Collected: 10/21/25 12:32
Date Received: 10/22/25 10:23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	90221	NN	EET ATL	10/22/25 17:30

Client Sample ID: SCH-GWC-20

Lab Sample ID: 705-46835-6

Date Collected: 10/21/25 11:40
Date Received: 10/22/25 10:23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6010D		1	93647	DS	EET ATL	11/06/25 16:16
Total/NA	Prep	3010A			90402	SA	EET ATL	10/23/25 12:22
Total/NA	Analysis	6010D		1	90711	DS	EET ATL	10/24/25 11:19
Dissolved	Prep	7470A			92732	TA	EET ATL	11/05/25 13:54
Dissolved	Analysis	7470A		1	93490	TA	EET ATL	11/06/25 12:55
Total/NA	Prep	7470A			92732	TA	EET ATL	11/05/25 13:54
Total/NA	Analysis	7470A		1	93490	TA	EET ATL	11/06/25 12:51
Total/NA	Analysis	2540C - 2015		1	90221	NN	EET ATL	10/22/25 17:30

Client Sample ID: SCH-CELL1-FD-1

Lab Sample ID: 705-46835-7

Date Collected: 10/20/25 00:00
Date Received: 10/22/25 10:23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	90042	MS	EET ATL 2	10/22/25 19:08
Dissolved	Analysis	6010D		1	93647	DS	EET ATL	11/06/25 16:19
Total/NA	Prep	3010A			90402	SA	EET ATL	10/23/25 12:22
Total/NA	Analysis	6010D		1	90711	DS	EET ATL	10/24/25 11:22
Dissolved	Analysis	6020B		1	91175	TT	EET ATL	10/27/25 21:49
Dissolved	Analysis	6020B		1	91466	TT	EET ATL	10/28/25 17:07
Total Recoverable	Prep	3005A			91109	BR	EET ATL	10/28/25 09:55
Total Recoverable	Analysis	6020B		1	92498	TT	EET ATL	11/01/25 20:28
Total/NA	Analysis	2540C - 2015		1	90221	NN	EET ATL	10/22/25 17:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-46835-1

Client Sample ID: SCH-CELL1-FB-1

Lab Sample ID: 705-46835-8

Date Collected: 10/21/25 13:15

Matrix: Water

Date Received: 10/22/25 10:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	90221	NN	EET ATL	10/22/25 17:30

Client Sample ID: SCH-CELL1-EB-1

Lab Sample ID: 705-46835-9

Date Collected: 10/21/25 13:25

Matrix: Water

Date Received: 10/22/25 10:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	90221	NN	EET ATL	10/22/25 17:30

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-90042/3
Matrix: Water
Analysis Batch: 90042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			10/22/25 12:35	1
Sulfate	<0.77		1.0	0.77	mg/L			10/22/25 12:35	1

Lab Sample ID: LCS 705-90042/4
Matrix: Water
Analysis Batch: 90042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.6		mg/L		106	90 - 110		
Sulfate			25.0	26.4		mg/L		105	90 - 110		

Lab Sample ID: 705-46783-A-1 MS
Matrix: Water
Analysis Batch: 90042

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3.4		10.0	13.7		mg/L		102	90 - 110		
Sulfate	1.0		25.0	26.8		mg/L		103	90 - 110		

Lab Sample ID: 705-46783-A-1 MSD
Matrix: Water
Analysis Batch: 90042

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.4		10.0	13.7		mg/L		102	90 - 110	0	20
Sulfate	1.0		25.0	26.8		mg/L		103	90 - 110	0	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-90402/1-A
Matrix: Water
Analysis Batch: 90711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		10/23/25 12:22	10/24/25 10:37	1
Calcium	<0.038		0.10	0.038	mg/L		10/23/25 12:22	10/24/25 10:37	1

Lab Sample ID: LCS 705-90402/2-A
Matrix: Water
Analysis Batch: 90711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90402

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	0.992		mg/L		99	80 - 120		
Calcium			10.0	10.2		mg/L		102	80 - 120		

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-46835-1 MS
Matrix: Water
Analysis Batch: 90711

Client Sample ID: SCH-GWC-7
Prep Type: Total/NA
Prep Batch: 90402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.01		mg/L		101	75 - 125
Calcium	21		10.0	30.8		mg/L		101	75 - 125

Lab Sample ID: 705-46835-D-1-C MSD
Matrix: Water
Analysis Batch: 90711

Client Sample ID: 705-46835-D-1-C MSD
Prep Type: Total/NA
Prep Batch: 90402

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.01		mg/L		101	75 - 125	0	20
Calcium	21		10.0	30.9		mg/L		102	75 - 125	0	20

Lab Sample ID: MB 705-93377/1-A
Matrix: Water
Analysis Batch: 93647

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron, Dissolved	<0.026		0.080	0.026	mg/L			11/06/25 15:23	1
Calcium, Dissolved	<0.038		0.10	0.038	mg/L			11/06/25 15:23	1

Lab Sample ID: LCS 705-93377/2-A
Matrix: Water
Analysis Batch: 93647

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron, Dissolved	1.00	0.941		mg/L		94	80 - 120
Calcium, Dissolved	10.0	9.23		mg/L		92	80 - 120

Lab Sample ID: 705-47425-I-3 MS
Matrix: Water
Analysis Batch: 93647

Client Sample ID: Matrix Spike
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron, Dissolved	0.078	J	1.00	1.01		mg/L		93	75 - 125
Calcium, Dissolved	44		10.1	51.8	4	mg/L		74	75 - 125

Lab Sample ID: 705-47425-I-3 MSD
Matrix: Water
Analysis Batch: 93647

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron, Dissolved	0.078	J	1.00	1.02		mg/L		94	75 - 125	0	20
Calcium, Dissolved	44		10.1	52.3	4	mg/L		79	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-91109/1-A
Matrix: Water
Analysis Batch: 92498

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 91109

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		10/28/25 09:55	11/01/25 19:01	1
Chromium	<0.0037		0.0050	0.0037	mg/L		10/28/25 09:55	11/01/25 19:01	1
Nickel	<0.00042		0.0050	0.00042	mg/L		10/28/25 09:55	11/01/25 19:01	1
Selenium	<0.0023		0.0050	0.0023	mg/L		10/28/25 09:55	11/01/25 19:01	1
Zinc	<0.0089		0.010	0.0089	mg/L		10/28/25 09:55	11/01/25 19:01	1

Lab Sample ID: LCS 705-91109/2-A
Matrix: Water
Analysis Batch: 92498

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 91109

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.106		mg/L		106	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.100	0.0955		mg/L		95	80 - 120
Cadmium	0.100	0.103		mg/L		103	80 - 120
Chromium	0.100	0.100		mg/L		100	80 - 120
Cobalt	0.100	0.101		mg/L		101	80 - 120
Copper	0.100	0.104		mg/L		104	80 - 120
Lead	0.100	0.109		mg/L		109	80 - 120
Magnesium	1.00	0.985		mg/L		98	80 - 120
Nickel	0.100	0.101		mg/L		101	80 - 120
Potassium	1.00	1.02		mg/L		102	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0100	0.0104		mg/L		104	80 - 120
Sodium	1.00	1.20		mg/L		120	80 - 120
Thallium	0.100	0.109		mg/L		109	80 - 120
Vanadium	0.100	0.0985		mg/L		99	80 - 120
Zinc	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: 680-267845-A-1-B MS
Matrix: Water
Analysis Batch: 92498

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 91109

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.109		mg/L		109	75 - 125
Arsenic	<0.0013		0.100	0.103		mg/L		103	75 - 125
Barium	0.028		0.100	0.136		mg/L		108	75 - 125
Beryllium	0.00028	J	0.100	0.0972		mg/L		97	75 - 125
Cadmium	0.00035	J	0.100	0.108		mg/L		107	75 - 125
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125
Cobalt	0.0039	J	0.100	0.107		mg/L		103	75 - 125
Copper	<0.00064		0.100	0.107		mg/L		107	75 - 125
Lead	<0.00086		0.100	0.112		mg/L		112	75 - 125
Magnesium	1.7		1.00	2.82		mg/L		115	75 - 125
Nickel	0.0027	J	0.100	0.104		mg/L		102	75 - 125
Potassium	0.55		1.00	1.72		mg/L		117	75 - 125
Selenium	<0.0023		0.100	0.104		mg/L		104	75 - 125
Silver	<0.00017		0.0100	0.0107		mg/L		107	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-267845-A-1-B MS
Matrix: Water
Analysis Batch: 92498

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 91109

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	3.1	F1 B	1.00	4.35	F1	mg/L		128	75 - 125
Thallium	<0.00019		0.100	0.111		mg/L		111	75 - 125
Vanadium	0.0018	J	0.100	0.102		mg/L		100	75 - 125
Zinc	0.021		0.100	0.136		mg/L		114	75 - 125

Lab Sample ID: 680-267845-A-1-C MSD
Matrix: Water
Analysis Batch: 92498

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 91109

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.110		mg/L		110	75 - 125	1	20
Arsenic	<0.0013		0.100	0.105		mg/L		105	75 - 125	2	20
Barium	0.028		0.100	0.141		mg/L		113	75 - 125	4	20
Beryllium	0.00028	J	0.100	0.0995		mg/L		99	75 - 125	2	20
Cadmium	0.00035	J	0.100	0.110		mg/L		110	75 - 125	2	20
Chromium	<0.0037		0.100	0.104		mg/L		104	75 - 125	1	20
Cobalt	0.0039	J	0.100	0.109		mg/L		106	75 - 125	3	20
Copper	<0.00064		0.100	0.111		mg/L		111	75 - 125	4	20
Lead	<0.00086		0.100	0.115		mg/L		115	75 - 125	3	20
Magnesium	1.7		1.00	2.91		mg/L		125	75 - 125	3	20
Nickel	0.0027	J	0.100	0.107		mg/L		104	75 - 125	3	20
Potassium	0.55		1.00	1.76		mg/L		121	75 - 125	3	20
Selenium	<0.0023		0.100	0.105		mg/L		105	75 - 125	1	20
Silver	<0.00017		0.0100	0.0107		mg/L		107	75 - 125	1	20
Sodium	3.1	F1 B	1.00	4.54	F1	mg/L		146	75 - 125	4	20
Thallium	<0.00019		0.100	0.114		mg/L		114	75 - 125	3	20
Vanadium	0.0018	J	0.100	0.105		mg/L		103	75 - 125	3	20
Zinc	0.021		0.100	0.141		mg/L		120	75 - 125	4	20

Lab Sample ID: MB 705-91438/1-A
Matrix: Water
Analysis Batch: 93941

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 91438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		10/29/25 08:32	11/09/25 21:32	1
Chromium	<0.0037		0.0050	0.0037	mg/L		10/29/25 08:32	11/09/25 21:32	1
Nickel	<0.00042		0.0050	0.00042	mg/L		10/29/25 08:32	11/09/25 21:32	1
Selenium	<0.0023		0.0050	0.0023	mg/L		10/29/25 08:32	11/09/25 21:32	1
Zinc	<0.0089		0.010	0.0089	mg/L		10/29/25 08:32	11/09/25 21:32	1

Lab Sample ID: LCS 705-91438/2-A
Matrix: Water
Analysis Batch: 93941

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 91438

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0997		mg/L		100	80 - 120
Arsenic	0.100	0.111		mg/L		111	80 - 120
Barium	0.100	0.0987		mg/L		99	80 - 120
Beryllium	0.100	0.112		mg/L		112	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-91438/2-A
Matrix: Water
Analysis Batch: 93941

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 91438

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.100	0.106		mg/L		106	80 - 120
Chromium	0.100	0.106		mg/L		106	80 - 120
Cobalt	0.100	0.109		mg/L		109	80 - 120
Copper	0.100	0.110		mg/L		110	80 - 120
Lead	0.100	0.111		mg/L		111	80 - 120
Magnesium	1.00	1.13		mg/L		113	80 - 120
Nickel	0.100	0.108		mg/L		108	80 - 120
Potassium	1.00	1.08		mg/L		108	80 - 120
Selenium	0.100	0.113		mg/L		113	80 - 120
Silver	0.0100	0.0107		mg/L		107	80 - 120
Thallium	0.100	0.114		mg/L		114	80 - 120
Vanadium	0.100	0.109		mg/L		109	80 - 120
Zinc	0.100	0.113		mg/L		113	80 - 120

Lab Sample ID: LCS 705-91438/2-A
Matrix: Water
Analysis Batch: 93941

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 91438

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	1.00	1.16		mg/L		116	80 - 120

Lab Sample ID: 785-3621-D-2-C MS
Matrix: Water
Analysis Batch: 93941

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 91438

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0926		mg/L		93	75 - 125
Arsenic	0.0021	J	0.100	0.110		mg/L		108	75 - 125
Barium	0.28		0.100	0.370		mg/L		89	75 - 125
Beryllium	<0.00015		0.100	0.107		mg/L		107	75 - 125
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125
Chromium	<0.0037		0.100	0.106		mg/L		106	75 - 125
Cobalt	0.00077	J	0.100	0.108		mg/L		108	75 - 125
Copper	<0.00064		0.100	0.108		mg/L		108	75 - 125
Lead	<0.00086		0.100	0.109		mg/L		109	75 - 125
Magnesium	3.2		1.00	4.25		mg/L		103	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Potassium	4.8		1.00	5.70	4	mg/L		89	75 - 125
Selenium	<0.0023		0.100	0.108		mg/L		108	75 - 125
Silver	<0.00017		0.0100	0.0104		mg/L		104	75 - 125
Sodium	27	*+	1.00	28.0	4	mg/L		109	75 - 125
Thallium	<0.00019		0.100	0.111		mg/L		111	75 - 125
Vanadium	0.0061		0.100	0.113		mg/L		107	75 - 125
Zinc	<0.0089		0.100	0.112		mg/L		112	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 785-3621-D-2-D MSD
Matrix: Water
Analysis Batch: 93941

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 91438

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0994		mg/L		99	75 - 125	7	20
Arsenic	0.0021	J	0.100	0.111		mg/L		109	75 - 125	1	20
Barium	0.28		0.100	0.388		mg/L		107	75 - 125	5	20
Beryllium	<0.00015		0.100	0.113		mg/L		113	75 - 125	5	20
Cadmium	<0.00024		0.100	0.106		mg/L		106	75 - 125	5	20
Chromium	<0.0037		0.100	0.111		mg/L		111	75 - 125	4	20
Cobalt	0.00077	J	0.100	0.111		mg/L		110	75 - 125	2	20
Copper	<0.00064		0.100	0.113		mg/L		113	75 - 125	4	20
Lead	<0.00086		0.100	0.116		mg/L		116	75 - 125	6	20
Magnesium	3.2		1.00	4.35		mg/L		113	75 - 125	2	20
Nickel	<0.00042		0.100	0.111		mg/L		111	75 - 125	4	20
Potassium	4.8		1.00	5.88	4	mg/L		107	75 - 125	3	20
Selenium	<0.0023		0.100	0.113		mg/L		113	75 - 125	4	20
Silver	<0.00017		0.0100	0.0110		mg/L		110	75 - 125	5	20
Sodium	27	*+	1.00	28.3	4	mg/L		139	75 - 125	1	20
Thallium	<0.00019		0.100	0.118		mg/L		118	75 - 125	6	20
Vanadium	0.0061		0.100	0.117		mg/L		111	75 - 125	3	20
Zinc	<0.0089		0.100	0.114		mg/L		114	75 - 125	2	20

Lab Sample ID: MB 705-91057/1-A
Matrix: Water
Analysis Batch: 91175

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	<0.00041		0.010	0.00041	mg/L			10/27/25 20:34	1
Chromium, Dissolved	<0.0037		0.0050	0.0037	mg/L			10/27/25 20:34	1
Nickel, Dissolved	<0.00042		0.0050	0.00042	mg/L			10/27/25 20:34	1
Selenium, Dissolved	<0.0023		0.0050	0.0023	mg/L			10/27/25 20:34	1
Zinc, Dissolved	<0.0089		0.010	0.0089	mg/L			10/27/25 20:34	1

Lab Sample ID: LCS 705-91057/2-A
Matrix: Water
Analysis Batch: 91175

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony, Dissolved	0.100	0.102		mg/L		102	80 - 120
Arsenic, Dissolved	0.100	0.0971		mg/L		97	80 - 120
Barium, Dissolved	0.100	0.103		mg/L		103	80 - 120
Beryllium, Dissolved	0.100	0.0986		mg/L		99	80 - 120
Cadmium, Dissolved	0.100	0.0963		mg/L		96	80 - 120
Chromium, Dissolved	0.100	0.101		mg/L		101	80 - 120
Cobalt, Dissolved	0.100	0.101		mg/L		101	80 - 120
Copper, Dissolved	0.100	0.101		mg/L		101	80 - 120
Lead, Dissolved	0.100	0.103		mg/L		103	80 - 120
Nickel, Dissolved	0.100	0.105		mg/L		105	80 - 120
Selenium, Dissolved	0.100	0.0948		mg/L		95	80 - 120
Silver, Dissolved	0.0100	0.00988		mg/L		99	80 - 120
Thallium, Dissolved	0.100	0.0996		mg/L		100	80 - 120
Vanadium, Dissolved	0.100	0.103		mg/L		103	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 705-91057/2-A
Matrix: Water
Analysis Batch: 91175

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc, Dissolved			0.100	0.102		mg/L		102	80 - 120		

Lab Sample ID: 180-197315-D-34 MS
Matrix: Water
Analysis Batch: 91175

Client Sample ID: Matrix Spike
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony, Dissolved	<0.0025		0.100	0.103		mg/L		103	75 - 125		
Arsenic, Dissolved	<0.0013		0.100	0.108		mg/L		108	75 - 125		
Barium, Dissolved	0.080		0.100	0.197		mg/L		117	75 - 125		
Beryllium, Dissolved	<0.00015	^+	0.100	0.108	^+	mg/L		108	75 - 125		
Cadmium, Dissolved	<0.00024		0.100	0.0942		mg/L		94	75 - 125		
Chromium, Dissolved	<0.0037	^+	0.100	0.109	^+	mg/L		109	75 - 125		
Cobalt, Dissolved	<0.00041	^+	0.100	0.105	^+	mg/L		105	75 - 125		
Copper, Dissolved	<0.00064	^+	0.100	0.102	^+	mg/L		102	75 - 125		
Lead, Dissolved	<0.00086		0.100	0.107		mg/L		107	75 - 125		
Nickel, Dissolved	0.00054	J	0.100	0.0944		mg/L		94	75 - 125		
Selenium, Dissolved	0.0090	^-	0.100	0.0920	^-	mg/L		83	75 - 125		
Silver, Dissolved	<0.00017		0.0100	0.00950		mg/L		95	75 - 125		
Thallium, Dissolved	<0.00019		0.100	0.0926		mg/L		93	75 - 125		
Vanadium, Dissolved	0.0020	J ^+	0.100	0.114	^+	mg/L		112	75 - 125		
Zinc, Dissolved	<0.0089	^+	0.100	0.101	^+	mg/L		101	75 - 125		

Lab Sample ID: 180-197315-D-34 MSD
Matrix: Water
Analysis Batch: 91175

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony, Dissolved	<0.0025		0.100	0.104		mg/L		104	75 - 125	1	20
Arsenic, Dissolved	<0.0013		0.100	0.110		mg/L		110	75 - 125	1	20
Barium, Dissolved	0.080		0.100	0.199		mg/L		119	75 - 125	1	20
Beryllium, Dissolved	<0.00015	^+	0.100	0.112	^+	mg/L		112	75 - 125	4	20
Cadmium, Dissolved	<0.00024		0.100	0.0917		mg/L		92	75 - 125	3	20
Chromium, Dissolved	<0.0037	^+	0.100	0.113	^+	mg/L		113	75 - 125	3	20
Cobalt, Dissolved	<0.00041	^+	0.100	0.107	^+	mg/L		107	75 - 125	1	20
Copper, Dissolved	<0.00064	^+	0.100	0.104	^+	mg/L		104	75 - 125	2	20
Lead, Dissolved	<0.00086		0.100	0.105		mg/L		105	75 - 125	2	20
Nickel, Dissolved	0.00054	J	0.100	0.0950		mg/L		94	75 - 125	1	20
Selenium, Dissolved	0.0090	^-	0.100	0.0891	^-	mg/L		80	75 - 125	3	20
Silver, Dissolved	<0.00017		0.0100	0.00962		mg/L		96	75 - 125	1	20
Thallium, Dissolved	<0.00019		0.100	0.0919		mg/L		92	75 - 125	1	20
Vanadium, Dissolved	0.0020	J ^+	0.100	0.118	^+	mg/L		116	75 - 125	3	20
Zinc, Dissolved	<0.0089	^+	0.100	0.102	^+	mg/L		102	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-92732/1-A
Matrix: Water
Analysis Batch: 93490

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92732

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		11/05/25 13:54	11/06/25 12:00	1
Mercury, Dissolved	<0.00017		0.00020	0.00017	mg/L		11/05/25 13:54	11/06/25 12:00	1

Lab Sample ID: LCS 705-92732/2-A
Matrix: Water
Analysis Batch: 93490

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92732

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00412		mg/L		103	80 - 120		
Mercury, Dissolved			0.00400	0.00412		mg/L		103	80 - 120		

Lab Sample ID: 400-284508-G-2-D MS
Matrix: Water
Analysis Batch: 93490

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 92732

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00410		mg/L		102	75 - 125		
Mercury, Dissolved	<0.00017		0.00400	0.00410		mg/L		102	75 - 125		

Lab Sample ID: 400-284508-G-2-E MSD
Matrix: Water
Analysis Batch: 93490

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 92732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00413		mg/L		103	75 - 125	1	20
Mercury, Dissolved	<0.00017		0.00400	0.00413		mg/L		103	75 - 125	1	20

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-90221/1
Matrix: Water
Analysis Batch: 90221

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			10/22/25 17:30	1

Lab Sample ID: LCS 705-90221/2
Matrix: Water
Analysis Batch: 90221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1060		mg/L		106	80 - 120		

Lab Sample ID: 705-46674-A-9 DU
Matrix: Water
Analysis Batch: 90221

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	640		645		mg/L		1	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-46835-1
Project/Site: Plant Scherer - Cell 1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

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JOB DESCRIPTION

Plant Scherer - PAC Ash Cell

JOB NUMBER

705-46836-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
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Sample Summary

Client: Southern Company
Job ID: 705-46836-1
Project/Site: Plant Scherer - PAC Ash Cell

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-46836-1	SCH-GWC-53	Water	10/21/25 13:48	10/22/25 10:23	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: Mark Mann	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 706-755-3862	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer - PAC Ash Cell	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other: 705-46836 COC

Task_Code: SCH-CCR-ASSMT-2025S2R2

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	Total Number of containers
			Preservation Code:				N	N	
SCH-GWC-53	10/21/25	13:48	G	WG			X	X	2

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN /	10/22/25 1020	WSP		10.22.25 1023	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3°C # 2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-46836-1

Login Number: 46836

List Source: Eurofins Atlanta

List Number: 1

Creator: Sims, Christion

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Client: Southern Company
Job ID: 705-46836-1
Project/Site: Plant Scherer - PAC Ash Cell

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-46836-1 — Eurofins Atlanta

Job Narrative
705-46836-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 10/22/2025 10:23 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-46836-1

Client Sample ID: SCH-GWC-53
Date Collected: 10/21/25 13:48
Date Received: 10/22/25 10:23

Lab Sample ID: 705-46836-1
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16		1.0	0.98	mg/L			10/22/25 17:45	1
Sulfate	180		10	7.7	mg/L			10/22/25 19:56	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	310		10	10	mg/L			10/24/25 16:00	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer - PAC Ash Cell

Job ID: 705-46836-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL 2
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Job ID: 705-46836-1
Project/Site: Plant Scherer - PAC Ash Cell

Client Sample ID: SCH-GWC-53
Lab Sample ID: 705-46836-1
Date Collected: 10/21/25 13:48
Matrix: Water
Date Received: 10/22/25 10:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	90042	MS	EET ATL 2	10/22/25 17:45
Total/NA	Analysis	300.0		10	90042	MS	EET ATL 2	10/22/25 19:56
Total/NA	Analysis	2540C - 2015		1	90785	NN	EET ATL	10/24/25 16:00

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-90042/3
Matrix: Water
Analysis Batch: 90042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			10/22/25 12:35	1
Sulfate	<0.77		1.0	0.77	mg/L			10/22/25 12:35	1

Lab Sample ID: LCS 705-90042/4
Matrix: Water
Analysis Batch: 90042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.6		mg/L		106	90 - 110		
Sulfate			25.0	26.4		mg/L		105	90 - 110		

Lab Sample ID: 705-46783-A-1 MS
Matrix: Water
Analysis Batch: 90042

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3.4		10.0	13.7		mg/L		102	90 - 110		
Sulfate	1.0		25.0	26.8		mg/L		103	90 - 110		

Lab Sample ID: 705-46783-A-1 MSD
Matrix: Water
Analysis Batch: 90042

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.4		10.0	13.7		mg/L		102	90 - 110	0	20
Sulfate	1.0		25.0	26.8		mg/L		103	90 - 110	0	20

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-90785/1
Matrix: Water
Analysis Batch: 90785

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			10/24/25 16:00	1

Lab Sample ID: LCS 705-90785/2
Matrix: Water
Analysis Batch: 90785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	944		mg/L		95	80 - 120		

Lab Sample ID: 705-46757-C-1 DU
Matrix: Water
Analysis Batch: 90785

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1900		1860		mg/L		0.4	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-46836-1
Project/Site: Plant Scherer - PAC Ash Cell

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

APPENDIX B

Data Validation Summaries

APPENDIX B

Data Validation Summary February-April 2025

Quality Control Review of Analytical Data - Plant Scherer Cell 1, PAC Ash Cell, and Cell 3
Submitted by Eurofins Environmental Testing
June 2025

This narrative presents the results of the quality control (QC) data review performed on analytical data submitted to Eurofins Environmental Testing, Inc. for groundwater and surface water samples collected in Cell 1, PAC Ash Cell, and Cell 3 at Plant Scherer CCR site (Site) between February 17 and April 23, 2025. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1. In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D - Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10, the groundwater samples were analyzed for detection monitoring and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix III and Appendix IV, and for applicable state and federal monitoring parameters pursuant to the Site's 2010 Design & Operations (D&O) Plan. Additional analyses included cations and anions (potassium, magnesium, and sodium), and alkalinity (total, carbonate, and bicarbonate). Select surface water samples were also analyzed for chemical oxygen demand, cyanide, and total organic carbon. Test methods included Inductively Coupled Plasma - Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions by Ion Chromatography (USEPA Method 300.0), Total Dissolved Solids (Standard Methods 2540C), Alkalinity by Titration through Standard Method 2320B (SM2320B), Chemical Oxygen Demand (410.4), Cyanide through Standard Method 4500 (SM 4500 CN), and Total Organic Carbon through standard method 5310B (SM 5310 B-2011).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program (CLP) Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0), US EPA Region IV Data Validation Standard Operating Procedures for CLP Mercury Data by Cold Vapor Atomic Absorption (September 2011, Rev. 2.0), the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020), and US Department of Energy, Evaluation of Radiochemical Data Usability (April 1997). The review included an assessment of the results for completeness, precision (field and laboratory duplicates, matrix spike/matrix spike duplicates), accuracy (laboratory control samples and matrix spike samples), and sensitivity (reporting limits and blank contamination, including filed and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. If there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytic methodology, method-specific criteria or professional judgment was used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met except alkalinity (total and bicarbonate as $CACO_3$), chloride, fluoride, and sulfate, as described in the qualification section below.

Field Precision: Field goals for precision were met except alkalinity (total and bicarbonate as $CACO_3$), chloride, fluoride, sulfate, and vanadium as described in the qualification section below.

Accuracy: Laboratory goals for accuracy were met except chloride, calcium sulfate, fluoride, magnesium, sodium, silver, and sulfate as described in the qualification section below.

Sensitivity: Project goals for detection limits were met except for TDS. A lesser volume of sample was used for selected samples in TDS analysis due to the nature of the sample matrix, resulting in elevated reporting limits (RLs).

Certain samples were diluted due to elevated concentrations of target analytes. Dilutions do not require qualifications based on USEPA guidelines. Detection and reporting limits of non-detect compounds are elevated proportional to the dilution when undiluted sample results are not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization. Detections were found in certain blank results, as described in the qualification sections below.

Completeness: Approximately 99.9% of the total samples were validated for completeness and used for statistical analysis

Holding Times: All holding time requirements were met in accordance with specific analytical methods.

QUALIFICATIONS

In general, chemical results for the samples collected at the Site were qualified on the basis of precision, inaccuracy, sensitivity, or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data during the data validation process.

J	The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample.
J+	The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased high.
J-	The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased low.
U	The analyte was not detected above the method detection limit.
UJ	The analyte was not detected at a level greater than or equal to the reporting limit. However, the reporting limit was approximate and may be inaccurate or imprecise.
UR	The analyte was not detected above the method detection limit and was rejected.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. Although these qualifications were applied to data from samples collected at the Site and reported in sample delivery groups (SDGs) listed in Table 1, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- Samples SCH-PAC-FD-7 and its associated parent sample SCH-GWC-53 were qualified as estimated (J) for total alkalinity as $CaCO_3$ to pH 4.5 and bicarbonate alkalinity as $CaCO_3$ when the laboratory and field duplicate relative percent difference (RPD) exceeded criteria.

- Certain vanadium and chloride results from samples SCH-PAC-FD-8 and its associated parent sample SCH-GWC-50 were qualified as estimated (J) when the field duplicate RPD exceeded criteria.

- Certain chloride, fluoride, and sulfate results in SDGs 680-262255-1 and 680-262298-1 had matrix spike and/or matrix spike duplicate (MS/MSD) recoveries below the lower acceptance limit and RPD exceedance in samples SCH-GWC-1, SCH-PAC-FD-8, and SCH-GWC-52 and as a result, were qualified as estimated (J/UJ).

- Field duplicate absolute difference criteria were not met for anions chloride, fluoride, and sulfate in samples SCH-CELL3-FD-10 and SCH-GWC-32. As a result, these data were qualified as estimated (J/UJ).

- When MS and MSD recovered below 10% in SDG 680-262185-1, associated positive results chloride and sulfate results for sample SCH-GWC-7 were qualified as estimated, biased low (J-) and the non-detected fluoride result was qualified as non-detect, rejected (UR).

- In SDG 680-262184-1 a laboratory control sample (LCS) for silver recovered above laboratory criteria. Associated samples were non-detect and qualifications were not required.

- Fluoride was qualified as estimated, biased low (J-) when the MS recovered below laboratory criteria for sample SCH-CELL1-FD-6.

- Certain chloride, calcium sulfate, fluoride, magnesium, sodium, silver, and sulfate results from SDGs 680-263740-1, 680-262261-1, 680-262300-1, 680-262251-1, and 680-262298-1 were qualified based on MS and/or MSD recoveries. As shown in Table 2, when MS and/or MSDs recovered below the lower acceptance limit and above 10%, associated detected sample results were qualified as estimated, biased low (J-) and non-detects were qualified as estimated (UJ). When MS and/or MSD recovered above the upper acceptance limit associated detected sample results were qualified as estimated, biased high (J+) and associated non-detected sample results were not qualified. When the native concentration was four times greater than the spiking concentration, no qualification was required.

- Certain boron, lithium, selenium, vanadium, and zinc results from SDGs 680-263740-1, 680-262261-1, 680-262300-1, 680-262251-1, 680-262298-1, were qualified as non-detect (U) when the analyte was detected at a similar level in an associated blank sample. As shown in Table 2, if the original sample results were below the reporting limit (RL), the results were qualified as non-detect (U) and the RL was reported as the result. If the original sample results were greater than the RL, the original results were reported as the new RL and were U qualified.

WSP reviewed the data from samples collected at Plant Scherer CCR Cell 1, PAC Ash, and Cell 3 between February 17 and April 23, 2025 in accordance with the analytical methods, the laboratory specific QC criteria, and the guidelines.

REFERENCE

Paar, J.G. & Porterfield, D.R. Evaluation of Radiochemical Data Usability. United States Department of Energy, Office of Environmental Restoration and Waste Management, Oak Ridge National Laboratory, April 1997.

US EPA, November 2020, National Functional Guidelines for Inorganic Superfund Methods Data Review, Office of Superfund Remediation and Technology Innovation. OLEM 9240.0-51 [EPA 540-R-20-005]. Washington. DC, November 2020.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data By Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Mercury Data By Cold Vapor Atomic Absorption, Revision 2.0.

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses									
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals + Cations (EPA 6020B)**	**Anions (EPA 300.0)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Chemical Oxygen Demand (410.4)**	**Cyanide (4500 CN)**	**Total Organic Carbon (5310B)**
680-262185-1	SCH-GWC-6	02/24/25	680-262185-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-7	02/24/25	680-262185-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-8A	02/24/25	680-262185-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-9	02/24/25	680-262185-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-10	02/24/25	680-262185-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-11	02/24/25	680-262185-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-12	02/24/25	680-262185-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-13	02/24/25	680-262185-8	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-CELL1-FD-5	02/24/25	680-262185-9	WG	FD (SCH-GWC-10)	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-CELL1-FD-6	02/24/25	680-262185-10	WG	FD (SCH-GWC-9)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWA-16	2/25/2025	680-262255-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-4	2/25/2025	680-262255-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-3	2/25/2025	680-262255-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-20	2/25/2025	680-262255-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-2	2/25/2025	680-262255-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWA-15	2/25/2025	680-262255-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-1	2/25/2025	680-262255-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-14	2/25/2025	680-262255-8	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-CELL1-EB-5	2/25/2025	680-262255-9	WQ	EB (SCH-GWC-3)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-CELL1-FB-5	2/25/2025	680-262255-10	WQ	FB (SCH-GWC-4)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-CELL1-EB-6	2/25/2025	680-262255-11	WQ	EB (SCH-GWC-18)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-CELL1-FB-6	2/25/2025	680-262255-12	WQ	FB (SCH-GWC-14)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-18	2/25/2025	680-262255-13	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-5	2/25/2025	680-262255-14	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-19	2/25/2025	680-262255-15	WG		X	X	X	X	X	-	-	-	-	-
680-262296-1	SCH-GWA-17	2/27/2025	680-262296-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-263740-1	SCH-GWC-3	4/23/2025	680-263740-1	WG	-	-	-	-	-	X	-	-	-	-	-
680-263740-1	SCH-GWC-4	4/22/2025	680-263740-2	WG	-	-	-	X	X	X	-	-	-	-	-
680-263740-1	SCH-GWC-6	4/22/2025	680-263740-3	WG	-	-	-	-	X	X	-	-	-	-	-
680-263740-1	SCH-GWC-19	4/22/2025	680-263740-4	WG	-	-	-	-	X	-	-	-	-	-	-
680-263740-1	SCH-CELL1-FD-1	4/22/2025	680-263740-5	WG	FD (SCH-GWC-4)	-	-	X	X	X	-	-	-	-	-
680-263740-1	SCH-CELL1-FB-1	4/22/2025	680-263740-6	WQ	FB (SCH-GWC-4)	-	-	X	X	X	-	-	-	-	-
680-263740-1	SCH-CELL1-EB-1	4/22/2025	680-263740-7	WQ	EB (SCH-GWC-4)	-	-	X	X	X	-	-	-	-	-
680-262184-1	SCH-GWA-39	2/24/2025	680-262184-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262184-1	SCH-GWA-40	2/24/2025	680-262184-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-38	2/25/2025	680-262261-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-37	2/25/2025	680-262261-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-35	2/25/2025	680-262261-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-34	2/25/2025	680-262261-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-33A	2/25/2025	680-262261-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-32	2/25/2025	680-262261-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-31	2/25/2025	680-262261-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-CELL3-FD-9	2/25/2025	680-262261-8	WG	FD (SCH-GWC-35)	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-CELL3-FD-10	2/25/2025	680-262261-9	WG	FD (SCH-GWC-32)	X	X	X	X	X	-	-	-	-	-

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses									
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals + Cations (EPA 6020B)**	**Anions (EPA 300.0)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Chemical Oxygen Demand (410.4)**	**Cyanide (4500 CN)**	**Total Organic Carbon (5310B)**
680-262261-2	SCH-GWC-38	2/25/2025	680-262261-1	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-37	2/25/2025	680-262261-2	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-35	2/25/2025	680-262261-3	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-34	2/25/2025	680-262261-4	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-33A	2/25/2025	680-262261-5	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-32	2/25/2025	680-262261-6	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-31	2/25/2025	680-262261-7	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-CELL3-FD-9	2/25/2025	680-262261-8	WG	FD (SCH-GWC-35)	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-CELL3-FD-10	2/25/2025	680-262261-9	WG	FD (SCH-GWC-32)	-	-	-	-	-	X	X	-	-	-
680-262300-1	SCH-GWC-30	2/26/2025	680-262300-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWC-36	2/26/2025	680-262300-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-41	2/26/2025	680-262300-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-42	2/26/2025	680-262300-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-43	2/26/2025	680-262300-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-44A	2/26/2025	680-262300-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-54	2/26/2025	680-262300-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-CELL3-EB-9	2/26/2025	680-262300-8	WQ	EB (SCH-GWC-36)	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-CELL3-FB-9	2/26/2025	680-262300-9	WQ	FB (SCH-GWA-44A)	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-CELL3-EB-10	2/26/2025	680-262300-10	WQ	EB (SCH-GWA-43)	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-CELL3-FB-10	2/26/2025	680-262300-11	WQ	FB (SCH-GWA-43)	X	X	X	X	X	-	-	-	-	-
680-262300-2	SCH-GWC-30	2/26/2025	680-262300-1	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWC-36	2/26/2025	680-262300-2	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-41	2/26/2025	680-262300-3	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-42	2/26/2025	680-262300-4	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-43	2/26/2025	680-262300-5	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-44A	2/26/2025	680-262300-6	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-54	2/26/2025	680-262300-7	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-CELL3-EB-9	2/26/2025	680-262300-8	WQ	EB (SCH-GWC-36)	-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-CELL3-FB-9	2/26/2025	680-262300-9	WQ	FB (SCH-GWC-44A)	-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-CELL3-EB-10	2/26/2025	680-262300-10	WQ	EB (SCH-GWA-43)	-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-CELL3-FB-10	2/26/2025	680-262300-11	WQ	FB (SCH-GWA-43)	-	-	-	-	-	X	X	-	-	-
680-262184-2	SCH-GWA-39	2/24/2025	680-262184-2	WG	-	-	-	-	-	-	X	X	-	-	-
680-262184-2	SCH-GWA-40	2/24/2025	680-262184-2	WG	-	-	-	-	-	-	X	X	-	-	-
680-262251-1	SCH-GWA-22	2/25/2025	680-262251-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262251-1	SCH-GWA-21	2/25/2025	680-262251-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262251-1	SCH-GWC-53	2/25/2025	680-262251-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262251-1	SCH-PAC-FD-7	2/25/2025	680-262251-4	WG	FD (SCH-GWC-53)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWC-29	2/26/2025	680-262298-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-45	2/26/2025	680-262298-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-46	2/26/2025	680-262298-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-47	2/26/2025	680-262298-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-48	2/26/2025	680-262298-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-49	2/26/2025	680-262298-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWC-50	2/26/2025	680-262298-7	WG	-	X	X	X	X	X	-	-	-	-	-

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses									
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals + Cations (EPA 6020B)**	**Anions (EPA 300.0)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Chemical Oxygen Demand (410.4)**	**Cyanide (4500 CN)**	**Total Organic Carbon (5310B)**
680-262298-1	SCH-GWC-51	2/26/2025	680-262298-8	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWC-52	2/26/2025	680-262298-9	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-FB-7	2/26/2025	680-262298-10	WQ	FB (SCH-GWC-51)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-EB-7	2/26/2025	680-262298-11	WQ	EB (SCH-GWA-45)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-FD-8	2/26/2025	680-262298-12	WG	FD (SCH-GWC-50)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-FB-8	2/26/2025	680-262298-13	WQ	FB (SCH-GWA-49)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-EB-8	2/26/2025	680-262298-14	WQ	EB (SCH-GWA-46)	X	X	X	X	X	-	-	-	-	-
680-262295-1	SCH-FGD-EFFLUENT	2/27/2025	680-262295-1	WL	-	X	-	-	X	-	-	-	-	-	-
680-261991-1	SCH-SWA-1	2/17/2025	680-261991-1	WS	-	X	X	X	X	X	-	-	X	X	X
680-261991-1	SCH-SWA-2	2/17/2025	680-261991-2	WS	-	X	X	X	X	X	-	-	X	X	X
680-261991-1	SCH-SWA-3	2/17/2025	680-261991-3	WS	-	X	X	X	X	X	-	-	X	X	X
680-261991-1	SCH-SWC-4	2/17/2025	680-261991-4	WS	-	X	X	X	X	X	-	-	-	-	-
680-261991-1	SCH-SWC-6	2/17/2025	680-261991-5	WS	-	X	X	X	X	X	-	-	-	-	-
680-261991-1	SCH-SWC-7	2/17/2025	680-261991-6	WS	-	X	X	X	X	X	-	-	X	X	X
680-261991-1	SCH-SWC-8	2/17/2025	680-261991-7	WS	-	X	X	X	X	X	-	-	X	-	-

Abbreviations:
SDG- Sample Delivery Group
QC - Quality Control
WG - Groundwater
WS - Surface water
WL - Effluent
WQ - Water quality control
FD - Field Duplicate
TDS - Total Dissolved Solids
EPA- Environmental Protection Agency
SM- Standard Methods

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	Sample Name	Constituent	New Result	New RL or MDC	Qualifier	Reason
680-262185-1	SCH-GWC-7	Sulfate	-	-	J-	MS/MSD below 10% recovery
680-262185-1	SCH-GWC-7	Fluoride	-	-	UR	MS/MSD below 10% recovery
680-262185-1	SCH-GWC-7	Chloride	-	-	J-	MS/MSD below 10% recovery
680-262185-1	SCH-CELL1-FD-6	Fluoride	-	-	UJ	MS below QC criteria
680-262255-1	SCH-GWC-1	Sulfate	-	-	J	MS and RPD outside QC criteria
680-262255-1	SCH-GWC-1	Fluoride	-	-	UJ	MS and RPD outside QC criteria
680-262255-1	SCH-GWC-1	Chloride	-	-	J	MS and RPD outside QC criteria
680-263740-1	SCH-GWC-4	Selenium	-	0.0091	U	Method blank contamination
680-263740-1	SCH-CELL1-FD-1	Selenium	-	0.0081	U	Method blank contamination
680-263740-1	SCH-GWC-4	Chloride	-	-	J+	MS recovery outside of QC limits
680-262261-1	SCH-GWC-38	Selenium	0.005	-	U	Method blank contamination
680-262261-1	SCH-GWC-31	Selenium	0.005	-	U	Method blank contamination
680-262261-1	SCH-GWC-37	Sulfate	-	-	UJ	MS/MSD recovery below QC criteria
680-262261-1	SCH-GWC-37	Fluoride	-	-	UJ	MS/MSD recovery below QC criteria
680-262261-1	SCH-GWC-37	Chloride	-	-	J+	MS/MSD recovery above QC criteria
680-262261-1	SCH-CELL3-FD-9	Chloride	-	-	J+	MS/MSD recovery above QC criteria
680-262261-1	SCH-GWC-31	Silver	-	-	UJ	MS/MSD recovery below QC criteria
680-262261-1	SCH-CELL3-FD-10	Sulfate	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-GWC-32	Sulfate	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-CELL3-FD-10	Fluoride	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-GWC-32	Fluoride	-	-	UJ	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-CELL3-FD-10	Chloride	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-GWC-32	Chloride	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262300-1	SCH-GWA-43	Vanadium	-	0.0059	U	Equipment and field blank contamination
680-262300-1	SCH-GWA-43	Boron	0.08	-	U	Field blank contamination
680-262300-1	SCH-GWC-36	Vanadium	-	0.0059	U	Equipment blank contamination
680-262300-1	SCH-GWC-36	Zinc	-	0.0059	U	Equipment blank contamination
680-262300-1	SCH-GWA-44A	Vanadium	-	0.013	U	Field blank contamination
680-262300-1	SCH-GWA-42	Lithium	0.005	-	U	Method blank contamination
680-262300-1	SCH-GWA-54	Lithium	0.005	-	U	Method blank contamination
680-262300-1	SCH-GWA-42	Magnesium	-	-	J-	MS/MSD recovery below QC criteria
680-262300-1	SCH-GWA-42	Sodium	-	-	J-	MS/MSD recovery below QC criteria
680-262251-1	SCH-GWC-53	Selenium	0.005	-	U	Method blank contamination
680-262251-1	SCH-GWA-22	Sulfate	-	-	UJ	MS/MSD recovery below QC criteria
680-262251-1	SCH-GWA-22	Fluoride	-	-	UJ	MS/MSD recovery below QC criteria
680-262251-1	SCH-GWA-22	Chloride	-	-	J-	MS/MSD recovery below QC criteria
680-262251-1	SCH-PAC-FD-7	Total Alkalinity as CaCO3 to pH 4.5	-	-	J	Field & Lab duplicate RPD criteria exceeded

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	*Sample Name*	*Constituent*	*New Result*	*New RL or MDC*	*Qualifier*	*Reason*
680-262251-1	SCH-PAC-FD-7	Bicarbonate Alkalinity as CaCO3	-	-	J	Field & Lab duplicate RPD criteria exceeded
680-262251-1	SCH-GWC-53	Total Alkalinity as CaCO3 to pH 4.5	-	-	J	Field duplicate RPD criteria exceeded
680-262251-1	SCH-GWC-53	Bicarbonate Alkalinity as CaCO3	-	-	J	Field duplicate RPD criteria exceeded
680-262298-1	SCH-GWC-51	Vanadium	-	0.01	U	Field Blank contamination
680-262298-1	SCH-GWA-45	Vanadium	-	0.0082	U	Equipment Blank contamination
680-262298-1	SCH-GWA-46	Vanadium	-	0.0069	U	Field Blank contamination
680-262298-1	SCH-GWA-49	Vanadium	-	0.026	U	Equipment Blank contamination
680-262298-1	SCH-GWA-47	Chloride	-	-	J-	MS/MSD recovery below QC criteria
680-262298-1	SCH-GWA-47	Fluoride	-	-	UJ	MS/MSD recovery below QC criteria
680-262298-1	SCH-GWA-47	Sulfate	-	-	UJ	MS/MSD recovery below QC criteria
680-262298-1	SCH-PAC-FD-8	Chloride	-	-	J	MS/MSD and RPD outside QC criteria, Field duplicate exceeds RPD criteria
680-262298-1	SCH-PAC-FD-8	Fluoride	-	-	UJ	MS/MSD and RPD outside QC criteria
680-262298-1	SCH-PAC-FD-8	Sulfate	-	-	UJ	MS/MSD and RPD outside QC criteria
680-262298-1	SCH-GWC-52	Chloride	-	-	J-	MS recovery below QC criteria
680-262298-1	SCH-GWC-52	Fluoride	-	-	UJ	MS/MSD and RPD outside QC criteria
680-262298-1	SCH-PAC-FD-8	Vanadium	-	-	J	Field duplicate RPD criteria exceeded
680-262298-1	SCH-GWC-50	Vanadium	-	-	J	Field duplicate RPD criteria exceeded
680-262298-1	SCH-GWC-50	Chloride	-	-	J	Field duplicate RPD criteria exceeded

Abbreviations:
RL : Reporting limit
MDC : Minimum detectable concentration
SDG : Sample delivery group
RPD: Relative Percent Difference
MS: Matrix Spike
MSD: Matrix Spike Duplicate
QC: Quality control

Qualifiers:
UR: Rejected, non-detect
J-: Estimated, bias low
J+: Estimated, bias high
J: Estimated
UJ: Estimated, non-detect

APPENDIX B

Data Validation Summary July-October 2025

Quality Control Review of Analytical Data - Plant Scherer Cell 1, PAC Ash Cell, and Cell 3
Submitted by Eurofins Environmental Testing
July 2025

This narrative presents the results of the quality control (QC) data review performed on analytical data submitted to Eurofins Environment Testing, Inc. for groundwater and surface water samples collected in Cell 1, PAC Ash Cell, and Cell 3 at the Plant Scherer CCR site (Site) between July 23 and October 21, 2025. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1. In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D - Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10, the groundwater samples were analyzed for detection monitoring and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix III and Appendix IV, and for applicable state and federal monitoring parameters pursuant to the Site's 2010 Design & Operations (D&O) Plan. Additional analyses included cations (potassium, magnesium, and sodium) and alkalinity (total, carbonate, and bicarbonate). Select surface water samples were also analyzed for chemical oxygen demand, cyanide, and total organic carbon. Test methods included Inductively Coupled Plasma - Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions by Ion Chromatography (USEPA Method 300.0), Total Dissolved Solids (Standard Methods 2540C), Alkalinity by Titration through Standard Method 2320B (SM2320B), Chemical Oxygen Demand (410.4), Cyanide through Standard Method 4500 (SM 4500 CN), Total Organic Carbon through standard method 5310B (SM 5310 B-2011), Radium-226 (USEPA Method 9315) and Radium-228 (USEPA Method 9320).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program (CLP) Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0), US EPA Region IV Data Validation Standard Operating Procedures for CLP Mercury Data by Cold Vapor Atomic Absorption (September 2011, Rev. 2.0), the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020), and US Department of Energy, Evaluation of Radiochemical Data Usability (April 1997). The review included an assessment of the results for completeness, precision (field and laboratory duplicates, matrix spike/matrix spike duplicates), accuracy (laboratory control samples and matrix spike samples), and sensitivity (reporting limits and blank contamination, including filed and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. If there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytic methodology, method-specific criteria or professional judgment was used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were met except for TDS, as described in the qualification section below.

Accuracy: Laboratory goals for accuracy were met except chloride, fluoride, boron, calcium, magnesium, potassium, sodium, and sulfate, as described in the qualification section below.

Sensitivity: Project goals for detection limits were met.

Certain samples were diluted due to elevated concentrations of target analytes. Dilutions do not require qualifications based on USEPA guidelines. Detection and reporting limits of non-detect compounds are elevated proportional to the dilution when undiluted sample results are not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization. Detections were found in certain blank results, as described in the qualification sections below.

Completeness: There were no rejected analytical results for this event, resulting in a completeness of 100%.

Holding Times: All holding time requirements were met in accordance with specific analytical methods.

QUALIFICATIONS

In general, chemical results for the samples collected at the Site were qualified on the basis of precision, accuracy, sensitivity, or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data during the data validation process.

J	The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample.
J-	The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased low.
J+	The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased high.
U	The analyte was not detected above the method detection limit.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. Although these qualifications were applied to data from samples collected at the Site and reported in sample delivery groups (SDGs) listed in Table 1, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- Chloride in sample SCH-GWC-10 was qualified as estimated, biased high (J+) when the MS recovered above upper QC limits.
- Sample SCH-GWC-10 had MS and MSD recoveries below the lower QC limit for fluoride and was qualified as estimated, biased low (J-).
- Sample SCH-CELL1-FD-5 and its associated parent sample SCH-GWC-3 were qualified as estimated (J) for TDS when the field duplicate relative percent difference (RPD) exceeded criteria.
- Certain chloride, fluoride, sulfate and potassium results in SDG 705-37757-1 had matrix spike and/or matrix spike duplicate (MS/MSD) recoveries below the lower acceptance limit in samples SCH-GWA-41 and SCH-GWC-30 and as a result, were qualified as estimated, biased low (J-).

- Fluoride and boron were qualified as estimated, biased low (J-) when the MS and/or MSD recovered below laboratory criteria for samples SCH-GWC-12 and SCH-GWC-8A, respectively.

- In SDGs 705-38619-1, 705-37757-1, and 705-38420-1, select MS and/or MSD recoveries were outside of laboratory acceptance limits for calcium, magnesium, and sodium. The native sample concentrations were four times greater than the spiking concentrations, therefore qualifications were not required.

- Certain copper, fluoride, mercury, molybdenum, nickel, potassium, thallium, and TDS results from SDGs 705-37757-1, 705-38043-1, 705-38045-1, 705-38144-1**,** 705-38046-1, 705-38150-1, 705-38422-1, and 705-38619-1 were qualified as non-detect (U) when the analyte was detected at a similar level in an associated blank sample. As shown in Table 2, if the original sample results were below the reporting limit (RL), the results were qualified as non-detect (U) and the RL was reported as the result. If the original sample results were greater than the RL, the original results were reported as the new RL and were U qualified.

WSP reviewed the data from samples collected at Plant Scherer CCR Cell 1, PAC Ash, and Cell 3 between July 23 and October 21, 2025 in accordance with the analytical methods, the laboratory specific QC criteria, and the guidelines. As described above, 100% of the results were acceptable for project use. The data are considered usable for meeting project objectives and the results are considered valid.

REFERENCE

Paar, J.G. & Porterfield, D.R. Evaluation of Radiochemical Data Usability. United States Department of Energy, Office of Environmental Restoration and Waste Management, Oak Ridge National Laboratory, April 1997.

US EPA, November 2020, National Functional Guidelines for Inorganic Superfund Methods Data Review, Office of Superfund Remediation and Technology Innovation. OLEM 9240.0-51 [EPA 540-R-20-005]. Washington. DC, November 2020.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data By Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Mercury Data By Cold Vapor Atomic Absorption, Revision 2.0.

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses													
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals (EPA 6020B/6010D)**	**Anions (EPA 300.0)**	**Cations (EPA 6010D)**	**Total Organic Carbon (5310B)**	**Cyanide (SM4500 CN)**	**Chemical Oxygen Demand (410.4)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Combined Radium**	**Cations, Dissolved (EPA 6010D)**	**Mercury, Dissolved (EPA 7470A)**
705-37757-1	SCH-GWC-30	7/23/2025	705-37757-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-CELL3-FB-10	7/23/2025	705-37757-2	WQ	FB (SCH-GWC-30)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWC-31	7/23/2025	705-37757-3	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWC-32	7/23/2025	705-37757-4	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWC-34	7/23/2025	705-37757-5	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-CELL3-EB-10	7/23/2025	705-37757-6	WQ	EB (SCH-GWC-34)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWC-35	7/23/2025	705-37757-7	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWC-36	7/23/2025	705-37757-8	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWC-37	7/23/2025	705-37757-9	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-CELL3-FB-9	7/23/2025	705-37757-10	WQ	FB (SCH-GWC-37)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWA-41	7/23/2025	705-37757-11	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWA-42	7/23/2025	705-37757-12	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWA-43	7/23/2025	705-37757-13	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWA-39	7/23/2025	705-37757-14	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-GWA-54	7/23/2025	705-37757-15	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-1	SCH-CELL3-FD-10	7/23/2025	705-37757-16	WG	FD (SCH-GWA-54)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38043-1	SCH-GWA-40	7/24/2025	705-38043-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38043-1	SCH-GWC-38	7/24/2025	705-38043-2	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38043-1	SCH-GWC-33A	7/24/2025	705-38043-3	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38043-1	SCH-CELL3-FD-9	7/24/2025	705-38043-4	WG	FD (SCH-GWC-33A)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38043-1	SCH-CELL3-EB-9	7/24/2025	705-38043-5	WQ	EB (SCH-GWA-40)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38152-1	SCH-GWA-44A	7/28/2025	705-38152-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWA-45	7/28/2025	705-38144-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-PAC-EB-7	7/28/2025	705-38144-2	WQ	EB (SCH-GWA-45)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWC-29	7/28/2025	705-38144-3	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWA-22	7/28/2025	705-38144-4	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWA-21	7/28/2025	705-38144-5	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-PAC-FB-7	7/28/2025	705-38144-6	WQ	FB (SCH-GWA-21)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWC-50	7/28/2025	705-38144-7	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-PAC-FB-8	7/28/2025	705-38144-8	WQ	FB (SCH-GWC-50)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWC-52	7/28/2025	705-38144-9	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWC-53	7/28/2025	705-38144-10	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWA-49	7/28/2025	705-38144-11	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWA-48	7/28/2025	705-38144-12	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-PAC-FD-8	7/28/2025	705-38144-13	WG	FD (SCH-GWA-48)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38144-1	SCH-GWA-47	7/28/2025	705-38144-14	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38045-1	SCH-GWC-51	7/25/2025	705-38045-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38045-1	SCH-PAC-EB-8	7/25/2025	705-38045-2	WQ	EB (SCH-GWC-51)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-GWA-15	7/24/2025	705-38046-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-CELL1-FD-6	7/24/2025	705-38046-2	WG	FD (SCH-GWA-15)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-GWC-4	7/24/2025	705-38046-3	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-GWA-16	7/24/2025	705-38046-4	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-GWC-7	7/24/2025	705-38046-5	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-GWA-17	7/24/2025	705-38046-6	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-GWC-3	7/25/2025	705-38046-7	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-CELL1-FD-5	7/25/2025	705-38046-8	WG	FD (SCH-GWC-3)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-GWC-5	7/25/2025	705-38046-9	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-CELL1-FB-5	7/25/2025	705-38046-10	WQ	FB (SCH-GWC-5)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38046-1	SCH-GWC-1	7/25/2025	705-38046-11	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38150-1	SCH-GWC-18	7/28/2025	705-38150-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses													
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals (EPA 6020B/6010D)**	**Anions (EPA 300.0)**	**Cations (EPA 6010D)**	**Total Organic Carbon (5310B)**	**Cyanide (SM4500 CN)**	**Chemical Oxygen Demand (410.4)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Combined Radium**	**Cations, Dissolved (EPA 6010D)**	**Mercury, Dissolved (EPA 7470A)**
705-38150-1	SCH-GWC-20	7/28/2025	705-38150-2	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38422-1	SCH-GWC-12	7/30/2025	705-38422-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38422-1	SCH-CELL1-EB-6	7/30/2025	705-38422-2	WQ	EB (SCH-GWC-12)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38422-1	SCH-GWC-13	7/30/2025	705-38422-3	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38422-1	SCH-GWC-11	7/30/2025	705-38422-4	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38422-1	SCH-CELL1-EB-5	7/30/2025	705-38422-5	WQ	EB (SCH-GWC-13)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38619-1	SCH-GWC-9	7/31/2025	705-38619-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38619-1	SCH-GWC-8A	7/31/2025	705-38619-2	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38619-1	SCH-GWC-2	7/31/2025	705-38619-3	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38619-1	SCH-GWC-14	7/31/2025	705-38619-4	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38619-1	SCH-CELL1-FB-6	7/31/2025	705-38619-5	WQ	FB (SCH-GWC-14)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38619-1	SCH-GWC-6	7/31/2025	705-38619-6	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38420-2	SCH-GWC-19	7/30/2025	705-38420-3	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38420-2	SCH-GWC-20	7/31/2025	705-38420-4	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38621-1	SCH-GWC-10	8/1/2025	705-38621-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38420-1	SCH-GWA-46	7/30/2025	705-38420-1	WG	-	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-38420-1	SCH-PAC-FD-7	7/30/2025	705-38420-2	WG	FD (SCH-GWA-46)	X	X	X	X	X	X	-	-	-	-	-	-	-	-
705-37757-2	SCH-GWC-30	07/23/25	705-37757-1	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-CELL3-FB-10	07/23/25	705-37757-2	WQ	FB (SCH-GWC-30)	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWC-31	07/23/25	705-37757-3	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWC-32	07/23/25	705-37757-4	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWC-34	07/23/25	705-37757-5	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-CELL3-EB-10	07/23/25	705-37757-6	WQ	EB (SCH-GWC-34)	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWC-35	07/23/25	705-37757-7	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWC-36	07/23/25	705-37757-8	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWC-37	07/23/25	705-37757-9	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-CELL3-FB-9	07/23/25	705-37757-10	WQ	FB (SCH-GWC-37)	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWA-41	07/23/25	705-37757-11	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWA-42	07/23/25	705-37757-12	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWA-43	07/23/25	705-37757-13	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWA-39	07/23/25	705-37757-14	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-GWA-54	07/23/25	705-37757-15	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-37757-2	SCH-CELL3-FD-10	07/23/25	705-37757-16	WG	FD (SCH-GWA-54)	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-38043-2	SCH-GWA-40	07/24/25	705-38043-1	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-38043-2	SCH-GWC-38	07/24/25	705-38043-2	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-38043-2	SCH-GWC-33A	07/24/25	705-38043-3	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-38043-2	SCH-CELL3-FD-9	07/24/25	705-38043-4	WG	FD (SCH-GWC-33A)	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-38043-2	SCH-CELL3-EB-9	07/24/25	705-38043-5	WQ	EB (SCH-GWA-40)	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-38152-2	SCH-GWA-44A	07/28/25	705-38152-1	WG	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-
705-38426-1	SCH-FGD-EFFLUENT	07/30/25	705-38426-1	WL	-	X	-	-	X	-	-	-	-	-	-	-	-	-	-
705-38251-1	SCH-SWA-1	07/29/25	705-38251-1; 705-38617-1	WS	-	X	X*	X*	X	X*	-	X	X	X	-	-	-	-	-
705-38251-1	SCH-SWA-3	07/29/25	705-38251-2; 705-38617-3	WS	-	X	X*	X*	X	X*	-	X	X	X	-	-	-	-	-
705-38251-1	SCH-SWC-4	07/29/25	705-38251-3; 705-38617-4	WS	-	X	X*	X*	X	X*	-	-	-	-	-	-	-	-	-
705-38251-1	SCH-SWC-7	07/29/25	705-38251-4; 705-38617-5	WS	-	X	X*	X*	X	X*	-	X	X	X	-	-	-	-	-
705-38251-1	SCH-SWA-2	07/29/25	705-38251-5; 705-38617-2	WS	-	X	X*	X*	X	X*	-	X	X	X	-	-	-	-	-

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses													
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals (EPA 6020B/6010D)**	**Anions (EPA 300.0)**	**Cations (EPA 6010D)**	**Total Organic Carbon (5310B)**	**Cyanide (SM4500 CN)**	**Chemical Oxygen Demand (410.4)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Combined Radium**	**Cations, Dissolved (EPA 6010D)**	**Mercury, Dissolved (EPA 7470A)**
705-46836-1	SCH-GWC-53	10/21/2025	705-46836-1	WG	-	-	-	X	-	X	-	-	-	-	-	-	-	-	-
705-46835-1	SCH-GWC-7	10/20/2025	705-46835-1	WG	-	-	-	X	X	X	X	-	-	-	-	-	-	X	-
705-46835-1	SCH-GWC-19	10/20/2025	705-46835-2	WG	-	-	-	X	X	X	X	-	-	-	-	-	-	X	-
705-46835-1	SCH-GWC-1	10/21/2025	705-46835-3	WG	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-
705-46835-1	SCH-GWC-4	10/21/2025	705-46835-4	WG	-	-	-	X	X	X	X	-	-	-	-	-	-	X	
705-46835-1	SCH-GWC-18	10/21/2025	705-46835-5	WG	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-
705-46835-1	SCH-GWC-20	10/21/2025	705-46835-6	WG	-	X	-	X				-	-	-	-	-	-	X	X
705-46835-1	SCH-CELL1-FD-1	10/20/2025	705-46835-7	WG	FD (SCH-GWC-19)	-	-	X	X	X	X	-	-	-	-	-	-	X	
705-46835-1	SCH-CELL1-FB-1	10/21/2025	705-46835-8	WQ	FB (SCH-GWC-1)	-	-	X	-	-	-	-	-	-	-	-	-	-	-
705-46835-1	SCH-CELL1-EB-1	10/21/2025	705-46835-9	WQ	EB (SCH-GWC-18)	-	-	X	-	-	-	-	-	-	-	-	-	-	-

* These parameters sampled 7/31/25

Abbreviations:
SDG- Sample Delivery Group
QC - Quality Control
SM - Standard Methods
EPA - Environmental Protection Agency
TDS - Total Dissolved Solids
WG - Groundwater
WQ - Water quality control
FB - Field Blank
EB - Equipment Blank
FD - Field Duplicate
WS - Surface water
WL - Effluent

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	Sample Name	Constituent	New Result	New RL or MDC	Qualifier	Reason	Reason Code
705-38621-1	SCH-GWC-10	Chloride	-	-	J+	MS recovery above QC limit	MS1
705-38621-1	SCH-GWC-10	Fluoride	-	-	J-	MS/MSD recovery below QC criteria	MS1
705-37757-1	SCH-GWC-30	Molybdenum	0.005	-	U	Field blank contamination; Result < RL	BF1
705-37757-1	SCH-GWC-30	Thallium	0.001	-	U	Field blank contamination; Result < RL	BF1
705-37757-1	SCH-GWC-34	Fluoride	0.2	-	U	Equipment blank contamination; Result < RL	BF1
705-37757-1	SCH-GWA-41	Chloride	-	-	J-	MSD recovered below QC limits	MS1
705-37757-1	SCH-GWA-41	Fluoride	-	-	J-	MSD recovered below QC limits	MS1
705-37757-1	SCH-GWA-41	Sulfate	-	-	J-	MSD recovered below QC limits	MS1
705-37757-1	SCH-GWC-30	Potassium	-	-	J-	MS/MSD recovered below QC limits	MS1
705-38043-1	SCH-GWC-33A	Nickel	0.005	-	U	Method blank contamination; Result < RL	BL1
705-38144-1	SCH-GWA-45	Copper	0.002	-	U	Equipment and method blank contamination; Result < RL	BF1
705-38045-1	SCH-GWC-51	Fluoride	0.2	-	U	Equipment blank contamination; Result < RL	BF1
705-38045-1	SCH-GWC-51	Nickel	0.005	-	U	Equipment and method blank contamination; Result < RL	BF1
705-38045-1	SCH-GWC-51	Total dissolved solids	-	140	U	Equipment blank contamination; Result > RL	BF2
705-38144-1	SCH-GWA-21	Fluoride	0.2	-	U	Field blank contamination; Result < RL	BF1
705-38144-1	SCH-GWC-50	Fluoride	0.2	-	U	Field blank contamination; Result < RL	BF1
705-38144-1	SCH-GWC-50	Copper	0.002	-	U	Field and method blank contamination; Result < RL	BF1
705-38144-1	SCH-GWC-29	Copper	0.002	-	U	Method blank contamination; Result < RL	BF1
705-38144-1	SCH-GWA-22	Copper	0.002	-	U	Method blank contamination; Result < RL	BF1
705-38144-1	SCH-GWA-21	Copper	0.002	-	U	Method blank contamination; Result < RL	BF1
705-38144-1	SCH-GWC-52	Copper	0.002	-	U	Method blank contamination; Result < RL	BF1
705-38046-1	SCH-GWC-3	TDS	-	-	J	Field duplicate RPD exceedance	FD1
705-38046-1	SCH-CELL1-FD-5	TDS	-	-	J	Field duplicate RPD exceedance	FD1
705-38046-1	SCH-GWA-15	Nickel	0.005	-	U	Method blank contamination; Result < RL	BL1
705-38046-1	SCH-GWA-15	Potassium	-	0.21	U	Method blank contamination; Result > RL	BL2
705-38046-1	SCH-CELL1-FD-6	Nickel	0.005	-	U	Method blank contamination; Result < RL	BL1
705-38046-1	SCH-CELL1-FD-6	Potassium	-	0.25	U	Method blank contamination; Result > RL	BL2
705-38046-1	SCH-GWC-4	Nickel	0.005	-	U	Method blank contamination; Result < RL	BL1
705-38046-1	SCH-GWA-16	Potassium	-	0.9	U	Method blank contamination; Result > RL	BL2
705-38046-1	SCH-GWA-17	Nickel	0.005	-	U	Method blank contamination; Result < RL	BL1
705-38046-1	SCH-GWC-3	Nickel	0.005	-	U	Method blank contamination; Result < RL	BL1
705-38046-1	SCH-GWC-3	Potassium	-	0.71	U	Method blank contamination; Result > RL	BL2
705-38046-1	SCH-CELL1-FD-5	Nickel	0.005	-	U	Method blank contamination; Result < RL	BL1
705-38046-1	SCH-CELL1-FD-5	Potassium	-	0.76	U	Method blank contamination; Result > RL	BL2
705-38046-1	SCH-GWC-5	Nickel	0.005	-	U	Method blank contamination; Result < RL	BL1
705-38046-1	SCH-GWC-5	Potassium	-	0.88	U	Method blank contamination; Result > RL	BL2
705-38046-1	SCH-GWC-1	Potassium	-	0.78	U	Method blank contamination; Result > RL	BL2
705-38150-1	SCH-GWC-18	Copper	0.002	-	U	Method blank contamination; Result < RL	BL1
705-38150-1	SCH-GWC-18	Potassium	-	0.85	U	Method blank contamination; Result > RL	BL2
705-38422-1	SCH-GWC-12	Mercury	0.0002	-	U	Method blank contamination; Result < RL	BL1
705-38422-1	SCH-GWC-13	Mercury	0.0002	-	U	Method blank contamination; Result < RL	BL1
705-38619-1	SCH-GWC-14	Fluoride	0.2	-	U	Method blank contamination; Result < RL	BL1
705-38422-1	SCH-GWC-13	Potassium	-	0.51	U	Equipment blank contamination; Result > RL	BEH
705-38619-1	SCH-GWC-8A	Boron	-	-	J-	MS/MSD recovered below QC criteria	MS1
705-38422-1	SCH-GWC-12	Fluoride	-	-	J-	MS recovered below QC criteria	MS2

Abbreviations:

RL : Reporting limit

MDC : Minimum detectable concentration

SDG : Sample delivery group

Qualifiers:

U: Non-detect

J-: Estimated, biased low

J: Estimated

J+: Estimated, biased high

APPENDIX B

Laboratory Accreditation

State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that

E87689

EUROFINS ST. LOUIS
13715 RIDER TRAIL NORTH
EARTH CITY, MO 63045

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

DRINKING WATER - RADIOCHEMISTRY, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - RADIOCHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - RADIOCHEMISTRY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2025 Expiration Date: June 30, 2026

Marie-Claire Rowlinson, PhD, D(ABMM)
Bureau of Public Health Laboratories
DH Form 1697, 7/04
NON-TRANSFERABLE E87689-75-07/01/2025
Supersedes all previously issued certificates

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-75, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
2830	Gross Alpha	SM 7110 C	20159028	Radiochemistry	12/8/2022
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
3045	Isotopic uranium	DOE U-02-RC	90011408	Radiochemistry	8/15/2018
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	3/31/2015
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	12/10/2008
2985	Radon	SM 7500-Rn B	20173733	Radiochemistry	8/15/2018
2980	Radon-222	ST-RC-0222 / LSC	60051878	Radiochemistry	7/1/2020
1143	Selenium-79	ST-RC-0079 / LSC	60051845	Radiochemistry	7/1/2020
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	12/10/2008
3030	Tritium	EPA 906.0	10310200	Radiochemistry	12/10/2008
1184	Uranium (mass)	EPA 200.8	10014605	Radiochemistry	8/15/2018

Laboratory Scope of Accreditation

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State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1000	Aluminum	EPA 200.8	10014605	Metals	7/1/2013
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 200.7	10013806	Metals	7/1/2013
1005	Antimony	EPA 200.8	10014605	Metals	7/1/2013
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1010	Arsenic	EPA 200.8	10014605	Metals	7/1/2013
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 200.7	10013806	Metals	7/1/2013
1015	Barium	EPA 200.8	10014605	Metals	7/1/2013
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1020	Beryllium	EPA 200.8	10014605	Metals	7/1/2013
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 200.7	10013806	Metals	7/1/2013
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1030	Cadmium	EPA 200.8	10014605	Metals	7/1/2013
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 200.7	10013806	Metals	7/1/2013
1040	Chromium	EPA 200.8	10014605	Metals	7/1/2013
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 200.7	10013806	Metals	7/1/2013
1050	Cobalt	EPA 200.8	10014605	Metals	7/1/2013

Laboratory Scope of Accreditation

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State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1055	Copper	EPA 200.8	10014605	Metals	7/1/2013
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2826	Gamma Emitters	EPA 901.1	10308608	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0	10308200	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0	10308200	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 200.7	10013806	Metals	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1075	Lead	EPA 200.8	10014605	Metals	7/1/2013
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1085	Magnesium	EPA 200.8	10014605	Metals	7/1/2013
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1090	Manganese	EPA 200.8	10014605	Metals	7/1/2013
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 245.1	10036609	Metals	7/1/2013
1095	Mercury	EPA 7470A	10165807	Metals	12/12/2022
1100	Molybdenum	EPA 200.7	10013806	Metals	7/1/2013
1100	Molybdenum	EPA 200.8	10014605	Metals	7/1/2013
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022
1105	Nickel	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013

Laboratory Scope of Accreditation

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State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 200.8	10014605	Metals	7/1/2013
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 200.7	10013806	Metals	7/1/2013
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	7/1/2013
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	7/1/2013
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 200.7	10013806	Metals	7/1/2013
1140	Selenium	EPA 200.8	10014605	Metals	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1990	Silica as SiO2	EPA 200.7	10013806	Metals	6/12/2023
1145	Silicon	EPA 6010D	10155950	Metals	6/12/2023
1150	Silver	EPA 200.7	10013806	Metals	7/1/2013
1150	Silver	EPA 200.8	10014605	Metals	7/1/2013
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 200.7	10013806	Metals	7/1/2013
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 200.7	10013806	Metals	7/1/2013
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
3005	Strontium-90	DOE Sr-03-RC	90009806	Radiochemistry	7/1/2013
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	7/1/2013
1165	Thallium	EPA 200.7	10013806	Metals	7/1/2013
1165	Thallium	EPA 200.8	10014605	Metals	7/1/2013
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1170	Thorium	EPA 200.8	10014605	Metals	7/1/2013
1170	Thorium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 200.7	10013806	Metals	7/1/2013
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-75, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1180	Titanium	EPA 200.7	10013806	Metals	7/1/2013
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 903.0	10309407	Radiochemistry	4/21/2020
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
3030	Tritium	EPA 906.0	10310200	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 200.8	10014605	Metals	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1185	Vanadium	EPA 200.8	10014605	Metals	7/1/2013
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1190	Zinc	EPA 200.8	10014605	Metals	7/1/2013
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-75, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 7471B	10166457	Metals	12/12/2022
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-75, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87689 EPA Lab Code: MO00054 (314) 298-8566

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1145	Silicon	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022

State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that

E87582

EUROFINS ATLANTA
3080 PRESIDENTIAL DRIVE
ATLANTA, GA 30340

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

DRINKING WATER - MICROBIOLOGY, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS, AIR AND EMISSIONS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2025 Expiration Date: June 30, 2026

Marie-Claire Rowlinson, PhD, D(ABMM)
Bureau of Public Health Laboratories
DH Form 1697, 7/04
NON-TRANSFERABLE E87582-53-07/01/2025
Supersedes all previously issued certificates

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Drinking Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1005	Antimony	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1010	Arsenic	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1015	Barium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1020	Beryllium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1030	Cadmium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1040	Chromium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1055	Copper	EPA 200.8	10014605	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	7/2/2012
2525	Escherichia coli	SM 9223 B	20037676	Microbiology	1/1/2002
1075	Lead	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1105	Nickel	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1140	Selenium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
1165	Thallium	EPA 200.8	10014605	Primary Inorganic Contaminants	7/2/2012
2500	Total coliforms	SM 9223 B	20037676	Microbiology	1/1/2002

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5105	1,1,1,2-Tetrachloroethane	EPA 624.1	10298121	Volatile Organics	11/6/2018
5105	1,1,1,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5160	1,1,1-Trichloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
5160	1,1,1-Trichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5110	1,1,2,2-Tetrachloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
5110	1,1,2,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 624.1	10298121	Volatile Organics	11/6/2018
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	10307127	Volatile Organics	12/9/2022
5165	1,1,2-Trichloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
5165	1,1,2-Trichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4630	1,1-Dichloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4630	1,1-Dichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4640	1,1-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4640	1,1-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4670	1,1-Dichloropropene	EPA 624.1	10298121	Volatile Organics	11/6/2018
4670	1,1-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5150	1,2,3-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5180	1,2,3-Trichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5155	1,2,4-Trichlorobenzene	EPA 624.1	10298121	Volatile Organics	11/6/2018
5155	1,2,4-Trichlorobenzene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5155	1,2,4-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5155	1,2,4-Trichlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5210	1,2,4-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	10173009	Volatile Organics	7/1/2003
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011	10173009	Volatile Organics	7/1/2003
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4610	1,2-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4610	1,2-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4610	1,2-Dichlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4635	1,2-Dichloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4635	1,2-Dichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4655	1,2-Dichloropropane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4655	1,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6220	1,2-Diphenylhydrazine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6411	1,2-Diphenylhydrazine (as Azobenzene)	EPA 625.1	10300024	Extractable Organics	11/6/2018
5215	1,3,5-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270E	10242543	Volatile Organics	12/9/2022
4615	1,3-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4615	1,3-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4615	1,3-Dichlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4660	1,3-Dichloropropane	EPA 624.1	10298121	Volatile Organics	11/6/2018
4660	1,3-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270E	10242543	Volatile Organics	12/9/2022
4620	1,4-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4620	1,4-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4620	1,4-Dichlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6420	1,4-Naphthoquinone	EPA 8270E	10242543	Volatile Organics	12/9/2022
6630	1,4-Phenylenediamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
5790	1-Chloronaphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6380	1-Methylnaphthalene	EPA 625.1	10300024	Extractable Organics	11/6/2018
6380	1-Methylnaphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6425	1-Naphthylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
4665	2,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 625.1	10300024	Extractable Organics	1/18/2018
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270E	10242543	Volatile Organics	12/9/2022
6735	2,3,4,6-Tetrachlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
9363	2,3-Dichloroaniline	EPA 625.1	10300024	Extractable Organics	1/18/2018
8655	2,4,5-T	EPA 615	10105609	Pesticides-Herbicides-PCB's	11/26/2001
8655	2,4,5-T	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6835	2,4,5-Trichlorophenol	EPA 625.1	10300024	Extractable Organics	11/6/2018
6835	2,4,5-Trichlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6840	2,4,6-Trichlorophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6840	2,4,6-Trichlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8545	2,4-D	EPA 615	10105609	Pesticides-Herbicides-PCB's	11/26/2001
8545	2,4-D	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
8560	2,4-DB	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6000	2,4-Dichlorophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6000	2,4-Dichlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6130	2,4-Dimethylphenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6130	2,4-Dimethylphenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6175	2,4-Dinitrophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6175	2,4-Dinitrophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	10242543	Volatile Organics	12/9/2022
6005	2,6-Dichlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	10242543	Volatile Organics	12/9/2022
5515	2-Acetylaminofluorene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4500	2-Chloroethyl vinyl ether	EPA 624.1	10298121	Volatile Organics	1/18/2018
4500	2-Chloroethyl vinyl ether	EPA 8260D	10307127	Volatile Organics	12/9/2022
5795	2-Chloronaphthalene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5795	2-Chloronaphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5800	2-Chlorophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
5800	2-Chlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
4535	2-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4860	2-Hexanone	EPA 624.1	10298121	Volatile Organics	11/6/2018
4860	2-Hexanone	EPA 8260D	10307127	Volatile Organics	12/9/2022
6360	2-Methyl-4,6-dinitrophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6360	2-Methyl-4,6-dinitrophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6385	2-Methylnaphthalene	EPA 625.1	10300024	Extractable Organics	11/6/2018
6385	2-Methylnaphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6400	2-Methylphenol (o-Cresol)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6400	2-Methylphenol (o-Cresol)	EPA 8270E	10242543	Volatile Organics	12/9/2022
6430	2-Naphthylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6460	2-Nitroaniline	EPA 625.1	10300024	Extractable Organics	11/6/2018
6460	2-Nitroaniline	EPA 8270E	10242543	Volatile Organics	12/9/2022
6490	2-Nitrophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6490	2-Nitrophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
5050	2-Picoline (2-Methylpyridine)	EPA 8270E	10242543	Volatile Organics	12/9/2022
5945	3,3'-Dichlorobenzidine	EPA 625.1	10300024	Extractable Organics	1/18/2018
5945	3,3'-Dichlorobenzidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6103	3,3-Dimethyl-1-butanol	EPA 8260D	10307127	Volatile Organics	12/9/2022
6120	3,3'-Dimethylbenzidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6412	3/4-Methylphenols (m/p-Cresols)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270E	10242543	Volatile Organics	12/9/2022
6355	3-Methylcholanthrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6465	3-Nitroaniline	EPA 625.1	10300024	Extractable Organics	11/6/2018
6465	3-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
7355	4,4'-DDD	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7355	4,4'-DDD	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7360	4,4'-DDE	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7360	4,4'-DDE	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7365	4,4'-DDT	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7365	4,4'-DDT	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
5540	4-Aminobiphenyl	EPA 8270E	10242543	Volatile Organics	12/9/2022
5660	4-Bromophenyl phenyl ether	EPA 625.1	10300024	Extractable Organics	1/18/2018
5660	4-Bromophenyl phenyl ether	EPA 8270E	10242543	Volatile Organics	12/9/2022
5700	4-Chloro-3-methylphenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
5700	4-Chloro-3-methylphenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
5745	4-Chloroaniline	EPA 625.1	10300024	Extractable Organics	11/6/2018
5745	4-Chloroaniline	EPA 8270E	10242543	Volatile Organics	12/9/2022
5825	4-Chlorophenyl phenylether	EPA 625.1	10300024	Extractable Organics	1/18/2018
5825	4-Chlorophenyl phenylether	EPA 8270E	10242543	Volatile Organics	12/9/2022
4540	4-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6105	4-Dimethyl aminoazobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4995	4-Methyl-2-pentanone (MIBK)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4995	4-Methyl-2-pentanone (MIBK)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6410	4-Methylphenol (p-Cresol)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6470	4-Nitroaniline	EPA 625.1	10300024	Extractable Organics	11/6/2018
6470	4-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
6500	4-Nitrophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6500	4-Nitrophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
6510	4-Nitroquinoline 1-oxide	EPA 8270E	10242543	Volatile Organics	12/9/2022

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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6570	5-Nitro-o-toluidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6125	a,a-Dimethylphenethylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
5500	Acenaphthene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5500	Acenaphthene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5505	Acenaphthylene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5505	Acenaphthylene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4300	Acetaldehyde	EPA 8315A	10188008	Extractable Organics	12/9/2022
4315	Acetone	EPA 624.1	10298121	Volatile Organics	11/6/2018
4315	Acetone	EPA 8260D	10307127	Volatile Organics	12/9/2022
4320	Acetonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
5510	Acetophenone	EPA 625.1	10300024	Extractable Organics	1/18/2018
5510	Acetophenone	EPA 8270E	10242543	Volatile Organics	12/9/2022
1500	Acidity, as CaCO3	SM 2310 B-2011	20044615	General Chemistry	2/8/2022
4325	Acrolein (Propenal)	EPA 624.1	10298121	Volatile Organics	1/18/2018
4325	Acrolein (Propenal)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4340	Acrylonitrile	EPA 624.1	10298121	Volatile Organics	1/18/2018
4340	Acrylonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
7025	Aldrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7025	Aldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1505	Alkalinity as CaCO3	SM 2320 B-2011	20045618	General Chemistry	2/8/2022
4355	Allyl chloride (3-Chloropropene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7240	alpha-Chlordane	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	11/6/2018
7240	alpha-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6700	alpha-Terpineol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6700	alpha-Terpineol	EPA 8270E	10242543	Extractable Organics	10/6/2024
1000	Aluminum	EPA 200.7	10013806	Metals	11/26/2001
1000	Aluminum	EPA 200.8	10014605	Metals	3/31/2003
1000	Aluminum	EPA 6010D	10155950	Metals	12/9/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/9/2022
1510	Amenable cyanide	SM 4500-CN^- G-2016	20097238	General Chemistry	2/8/2022
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	11/26/2001
5545	Aniline	EPA 625.1	10300024	Extractable Organics	1/18/2018
5545	Aniline	EPA 8270E	10242543	Volatile Organics	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5555	Anthracene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5555	Anthracene	EPA 8270E	10242543	Volatile Organics	12/9/2022
1005	Antimony	EPA 200.7	10013806	Metals	11/26/2001
1005	Antimony	EPA 200.8	10014605	Metals	3/31/2003
1005	Antimony	EPA 6010D	10155950	Metals	12/9/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/9/2022
5560	Aramite	EPA 8270E	10242543	Volatile Organics	12/9/2022
8880	Aroclor-1016 (PCB-1016)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8880	Aroclor-1016 (PCB-1016)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8885	Aroclor-1221 (PCB-1221)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8885	Aroclor-1221 (PCB-1221)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8890	Aroclor-1232 (PCB-1232)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8890	Aroclor-1232 (PCB-1232)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8895	Aroclor-1242 (PCB-1242)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8895	Aroclor-1242 (PCB-1242)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8900	Aroclor-1248 (PCB-1248)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8900	Aroclor-1248 (PCB-1248)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8905	Aroclor-1254 (PCB-1254)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8905	Aroclor-1254 (PCB-1254)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8910	Aroclor-1260 (PCB-1260)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8910	Aroclor-1260 (PCB-1260)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8912	Aroclor-1262 (PCB-1262)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8913	Aroclor-1268 (PCB-1268)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	11/6/2018
8913	Aroclor-1268 (PCB-1268)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
1010	Arsenic	EPA 200.7	10013806	Metals	11/26/2001
1010	Arsenic	EPA 200.8	10014605	Metals	3/31/2003
1010	Arsenic	EPA 6010D	10155950	Metals	12/9/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/9/2022
7065	Atrazine	EPA 8270E	10242543	Volatile Organics	12/9/2022
1015	Barium	EPA 200.7	10013806	Metals	11/26/2001
1015	Barium	EPA 200.8	10014605	Metals	3/31/2003
1015	Barium	EPA 6010D	10155950	Metals	12/9/2022
1015	Barium	EPA 6020B	10156420	Metals	12/9/2022
5570	Benzaldehyde	EPA 8270E	10242543	Volatile Organics	12/9/2022
4375	Benzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4375	Benzene	EPA 8260D	10307127	Volatile Organics	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5595	Benzidine	EPA 625.1	10300024	Extractable Organics	1/18/2018
5595	Benzidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
5575	Benzo(a)anthracene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5575	Benzo(a)anthracene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5580	Benzo(a)pyrene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5580	Benzo(a)pyrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5585	Benzo(b)fluoranthene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5585	Benzo(b)fluoranthene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5590	Benzo(g,h,i)perylene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5590	Benzo(g,h,i)perylene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5600	Benzo(k)fluoranthene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5600	Benzo(k)fluoranthene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5610	Benzoic acid	EPA 8270E	10242543	Volatile Organics	12/9/2022
5630	Benzyl alcohol	EPA 8270E	10242543	Volatile Organics	12/9/2022
1020	Beryllium	EPA 200.7	10013806	Metals	11/26/2001
1020	Beryllium	EPA 200.8	10014605	Metals	3/31/2003
1020	Beryllium	EPA 6010D	10155950	Metals	12/9/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/9/2022
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1530	Biochemical oxygen demand	SM 5210 B-2016	20135039	General Chemistry	2/8/2022
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270E	10242543	Volatile Organics	12/9/2022
5760	bis(2-Chloroethoxy)methane	EPA 625.1	10300024	Extractable Organics	1/18/2018
5760	bis(2-Chloroethoxy)methane	EPA 8270E	10242543	Volatile Organics	12/9/2022
5765	bis(2-Chloroethyl) ether	EPA 625.1	10300024	Extractable Organics	1/18/2018
5765	bis(2-Chloroethyl) ether	EPA 8270E	10242543	Volatile Organics	12/9/2022
1025	Boron	EPA 200.7	10013806	Metals	3/31/2003
1025	Boron	EPA 6010D	10155950	Metals	12/9/2022
1540	Bromide	EPA 300.0	10053200	General Chemistry	2/21/2008
1540	Bromide	EPA 9056A	10199607	General Chemistry	12/9/2022
4385	Bromobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4390	Bromochloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4395	Bromodichloromethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4395	Bromodichloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4400	Bromoform	EPA 624.1	10298121	Volatile Organics	1/18/2018
4400	Bromoform	EPA 8260D	10307127	Volatile Organics	12/9/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5670	Butyl benzyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
5670	Butyl benzyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
1030	Cadmium	EPA 200.7	10013806	Metals	11/26/2001
1030	Cadmium	EPA 200.8	10014605	Metals	3/31/2003
1030	Cadmium	EPA 6010D	10155950	Metals	12/9/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/9/2022
1035	Calcium	EPA 200.7	10013806	Metals	11/26/2001
1035	Calcium	EPA 200.8	10014605	Metals	11/14/2014
1035	Calcium	EPA 6010D	10155950	Metals	12/9/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/9/2022
7180	Caprolactam	EPA 8270E	10242543	Volatile Organics	12/9/2022
5680	Carbazole	EPA 625.1	10300024	Extractable Organics	1/18/2018
5680	Carbazole	EPA 8270E	10242543	Volatile Organics	12/9/2022
4450	Carbon disulfide	EPA 624.1	10298121	Volatile Organics	11/6/2018
4450	Carbon disulfide	EPA 8260D	10307127	Volatile Organics	12/9/2022
4455	Carbon tetrachloride	EPA 624.1	10298121	Volatile Organics	1/18/2018
4455	Carbon tetrachloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
1555	Carbonaceous BOD (CBOD)	SM 5210 B-2016	20135039	General Chemistry	2/8/2022
1565	Chemical oxygen demand	EPA 410.4	10077404	General Chemistry	11/26/2001
7250	Chlordane (tech.)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7250	Chlordane (tech.)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1575	Chloride	EPA 300.0	10053200	General Chemistry	11/26/2001
1575	Chloride	EPA 9056A	10199607	General Chemistry	12/9/2022
4475	Chlorobenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4475	Chlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
7260	Chlorobenzilate	EPA 8270E	10242543	Volatile Organics	12/9/2022
4485	Chloroethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4485	Chloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4505	Chloroform	EPA 624.1	10298121	Volatile Organics	1/18/2018
4505	Chloroform	EPA 8260D	10307127	Volatile Organics	12/9/2022
9345	Chlorophylls	SM 10200 H - 2011	20300236	General Chemistry	2/8/2022
4525	Chloroprene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1040	Chromium	EPA 200.7	10013806	Metals	11/26/2001
1040	Chromium	EPA 200.8	10014605	Metals	3/31/2003
1040	Chromium	EPA 6010D	10155950	Metals	12/9/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/9/2022

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Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1045	Chromium VI	EPA 7196A	10162400	Metals	12/9/2022
1045	Chromium VI	SM 3500-Cr B-2011	20066266	General Chemistry	2/8/2022
5855	Chrysene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5855	Chrysene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4645	cis-1,2-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	11/6/2018
4645	cis-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4680	cis-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4680	cis-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1050	Cobalt	EPA 200.7	10013806	Metals	11/26/2001
1050	Cobalt	EPA 200.8	10014605	Metals	3/31/2003
1050	Cobalt	EPA 6010D	10155950	Metals	12/9/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/9/2022
1605	Color	SM 2120 B-2011	20039310	General Chemistry	2/8/2022
1605	Color	SM 2120 F-2011	20041810	General Chemistry	2/8/2022
1610	Conductivity	EPA 120.1	10006403	General Chemistry	11/26/2001
1610	Conductivity	EPA 9050A	10198808	General Chemistry	12/9/2022
1055	Copper	EPA 200.7	10013806	Metals	11/26/2001
1055	Copper	EPA 200.8	10014605	Metals	3/31/2003
1055	Copper	EPA 6010D	10155950	Metals	12/9/2022
1055	Copper	EPA 6020B	10156420	Metals	12/9/2022
4555	Cyclohexane	EPA 624.1	10298121	Volatile Organics	11/6/2018
4555	Cyclohexane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8555	Dalapon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7105	delta-BHC	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7105	delta-BHC	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 625.1	10300024	Extractable Organics	1/18/2018
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270E	10242543	Volatile Organics	12/9/2022
7405	Diallate	EPA 8270E	10242543	Volatile Organics	12/9/2022
5895	Dibenz(a,h)anthracene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5895	Dibenz(a,h)anthracene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5905	Dibenzofuran	EPA 625.1	10300024	Extractable Organics	11/6/2018
5905	Dibenzofuran	EPA 8270E	10242543	Volatile Organics	12/9/2022
4575	Dibromochloromethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4575	Dibromochloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4595	Dibromomethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8595	Dicamba	EPA 615	10105609	Pesticides-Herbicides-PCB's	11/26/2001

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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8595	Dicamba	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
4625	Dichlorodifluoromethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
4625	Dichlorodifluoromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8605	Dichloroprop (Dichlorprop)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7470	Dieldrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7470	Dieldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
9369	Diesel range organics (DRO)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4725	Diethyl ether	EPA 8015C	10173816	Volatile Organics	12/9/2022
6070	Diethyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
6070	Diethyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
9375	Di-isopropylether (DIPE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7475	Dimethoate	EPA 8270E	10242543	Volatile Organics	12/9/2022
6135	Dimethyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
6135	Dimethyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
5925	Di-n-butyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
5925	Di-n-butyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
6200	Di-n-octyl phthalate	EPA 625.1	10300024	Extractable Organics	1/18/2018
6200	Di-n-octyl phthalate	EPA 8270E	10242543	Volatile Organics	12/9/2022
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6205	Diphenylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
8625	Disulfoton	EPA 8270E	10242543	Volatile Organics	12/9/2022
7510	Endosulfan I	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7510	Endosulfan I	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7515	Endosulfan II	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7515	Endosulfan II	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7520	Endosulfan sulfate	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7520	Endosulfan sulfate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7540	Endrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7540	Endrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7530	Endrin aldehyde	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7530	Endrin aldehyde	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7535	Endrin ketone	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	11/6/2018
7535	Endrin ketone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
2525	Escherichia coli	SM 9223 B-2016 (Colilert QT)	20037701	Microbiology	2/8/2022
4747	Ethane	RSK-175	10212905	Extractable Organics	5/25/2011

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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4750	Ethanol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4750	Ethanol	EPA 8260D	10307127	Volatile Organics	12/9/2022
4755	Ethyl acetate	EPA 8015C	10173816	Volatile Organics	10/6/2024
4810	Ethyl methacrylate	EPA 8260D	10307127	Volatile Organics	12/9/2022
6260	Ethyl methanesulfonate	EPA 8270E	10242543	Volatile Organics	12/9/2022
4765	Ethylbenzene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4765	Ethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4752	Ethylene	RSK-175	10212905	Extractable Organics	5/25/2011
4785	Ethylene glycol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4770	Ethyl-t-butylether (ETBE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7580	Famphur	EPA 8270E	10242543	Volatile Organics	12/9/2022
2530	Fecal coliforms	SM 9222 D-2015	20210020	Microbiology	2/8/2022
1947	Fixed Residue	SM 2540 E-2015	20051610	General Chemistry	10/3/2022
6265	Fluoranthene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6265	Fluoranthene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6270	Fluorene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6270	Fluorene	EPA 8270E	10242543	Volatile Organics	12/9/2022
1730	Fluoride	EPA 300.0	10053200	General Chemistry	11/26/2001
1730	Fluoride	EPA 9056A	10199607	General Chemistry	12/9/2022
4815	Formaldehyde	EPA 8315A	10188008	Extractable Organics	12/9/2022
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7245	gamma-Chlordane	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	11/6/2018
7245	gamma-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
9408	Gasoline range organics (GRO)	EPA 8015C	10173816	Volatile Organics	12/9/2022
1750	Hardness	SM 2340 B-2011	20046611	General Chemistry	2/8/2022
7685	Heptachlor	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7685	Heptachlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7690	Heptachlor epoxide	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7690	Heptachlor epoxide	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6275	Hexachlorobenzene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6275	Hexachlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4835	Hexachlorobutadiene	EPA 625.1	10300024	Extractable Organics	1/18/2018
4835	Hexachlorobutadiene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4835	Hexachlorobutadiene	EPA 8270E	10242543	Volatile Organics	12/9/2022

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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6285	Hexachlorocyclopentadiene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6285	Hexachlorocyclopentadiene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4840	Hexachloroethane	EPA 625.1	10300024	Extractable Organics	1/18/2018
4840	Hexachloroethane	EPA 8270E	10242543	Volatile Organics	12/9/2022
6290	Hexachlorophene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6295	Hexachloropropene	EPA 8270E	10242543	Volatile Organics	12/9/2022
1780	Ignitability	EPA 1010B	10234830	General Chemistry	12/9/2022
6315	Indeno(1,2,3-cd)pyrene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6315	Indeno(1,2,3-cd)pyrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4870	Iodomethane (Methyl iodide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1070	Iron	EPA 200.7	10013806	Metals	11/26/2001
1070	Iron	EPA 200.8	10014605	Metals	11/14/2014
1070	Iron	EPA 6010D	10155950	Metals	12/9/2022
1070	Iron	EPA 6020B	10156420	Metals	12/9/2022
1070	Iron	SM 3500-Fe B-2011	20069016	General Chemistry	2/8/2022
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7725	Isodrin	EPA 8270E	10242543	Volatile Organics	12/9/2022
6320	Isophorone	EPA 625.1	10300024	Extractable Organics	1/18/2018
6320	Isophorone	EPA 8270E	10242543	Volatile Organics	12/9/2022
4895	Isopropyl alcohol (2-Propanol)	EPA 624.1	10298121	Volatile Organics	11/6/2018
4895	Isopropyl alcohol (2-Propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4900	Isopropylbenzene	EPA 624.1	10298121	Volatile Organics	11/6/2018
4900	Isopropylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6325	Isosafrole	EPA 8270E	10242543	Volatile Organics	12/9/2022
7740	Kepone	EPA 8270E	10242543	Volatile Organics	12/9/2022
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	11/26/2001
1075	Lead	EPA 200.7	10013806	Metals	11/26/2001
1075	Lead	EPA 200.8	10014605	Metals	3/31/2003
1075	Lead	EPA 6010D	10155950	Metals	12/9/2022
1075	Lead	EPA 6020B	10156420	Metals	12/9/2022
1080	Lithium	EPA 200.7	10013806	Metals	10/6/2024
1080	Lithium	EPA 6010D	10155950	Metals	10/6/2024
5240	m+p-Xylenes	EPA 624.1	10298121	Volatile Organics	1/18/2018
5240	m+p-Xylenes	EPA 8260D	10307127	Volatile Organics	12/9/2022
1085	Magnesium	EPA 200.7	10013806	Metals	11/26/2001

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1085	Magnesium	EPA 200.8	10014605	Metals	11/14/2014
1085	Magnesium	EPA 6010D	10155950	Metals	12/9/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/9/2022
1090	Manganese	EPA 200.7	10013806	Metals	11/26/2001
1090	Manganese	EPA 200.8	10014605	Metals	3/31/2003
1090	Manganese	EPA 6010D	10155950	Metals	12/9/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/9/2022
7775	MCPA	EPA 615	10105609	Pesticides-Herbicides-PCB's	10/6/2024
7775	MCPA	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7780	MCPP	EPA 615	10105609	Pesticides-Herbicides-PCB's	10/6/2024
7780	MCPP	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
1095	Mercury	EPA 245.1	10036609	Metals	11/26/2001
1095	Mercury	EPA 7470A	10165807	Metals	12/9/2022
4925	Methacrylonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
4926	Methane	RSK-175	10212905	Extractable Organics	5/25/2011
4930	Methanol	EPA 8015C	10173816	Volatile Organics	12/9/2022
6345	Methapyrilene	EPA 8270E	10242543	Volatile Organics	12/9/2022
7810	Methoxychlor	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
7810	Methoxychlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4940	Methyl acetate	EPA 624.1	10298121	Volatile Organics	11/6/2018
4940	Methyl acetate	EPA 8260D	10307127	Volatile Organics	12/9/2022
4950	Methyl bromide (Bromomethane)	EPA 624.1	10298121	Volatile Organics	1/18/2018
4950	Methyl bromide (Bromomethane)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4960	Methyl chloride (Chloromethane)	EPA 624.1	10298121	Volatile Organics	1/18/2018
4960	Methyl chloride (Chloromethane)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4990	Methyl methacrylate	EPA 8260D	10307127	Volatile Organics	12/9/2022
6375	Methyl methanesulfonate	EPA 8270E	10242543	Volatile Organics	12/9/2022
7825	Methyl parathion (Parathion, methyl)	EPA 8270E	10242543	Volatile Organics	12/9/2022
5000	Methyl tert-butyl ether (MTBE)	EPA 624.1	10298121	Volatile Organics	1/18/2018
5000	Methyl tert-butyl ether (MTBE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4965	Methylcyclohexane	EPA 624.1	10298121	Volatile Organics	11/6/2018
4965	Methylcyclohexane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4975	Methylene chloride	EPA 624.1	10298121	Volatile Organics	1/18/2018
4975	Methylene chloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
1100	Molybdenum	EPA 200.7	10013806	Metals	11/26/2001
1100	Molybdenum	EPA 200.8	10014605	Metals	3/31/2003

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1100	Molybdenum	EPA 6010D	10155950	Metals	12/9/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/9/2022
5005	Naphthalene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5005	Naphthalene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5005	Naphthalene	EPA 8270E	10242543	Volatile Organics	12/9/2022
4425	n-Butyl alcohol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4435	n-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5875	n-Decane	EPA 625.1	10300024	Extractable Organics	1/18/2018
1105	Nickel	EPA 200.7	10013806	Metals	11/26/2001
1105	Nickel	EPA 200.8	10014605	Metals	3/31/2003
1105	Nickel	EPA 6010D	10155950	Metals	12/9/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/9/2022
1805	Nitrate	EPA 9056A	10199607	General Chemistry	12/9/2022
1810	Nitrate as N	EPA 300.0	10053200	General Chemistry	11/26/2001
1810	Nitrate as N	EPA 353.2	10067604	General Chemistry	11/26/2001
1820	Nitrate-nitrite	EPA 300.0	10053200	General Chemistry	11/26/2001
1820	Nitrate-nitrite	EPA 353.2	10067604	General Chemistry	11/26/2001
1835	Nitrite	EPA 9056A	10199607	General Chemistry	12/9/2022
1840	Nitrite as N	EPA 300.0	10053200	General Chemistry	11/26/2001
1840	Nitrite as N	EPA 353.2	10067604	General Chemistry	11/26/2001
5015	Nitrobenzene	EPA 625.1	10300024	Extractable Organics	1/18/2018
5015	Nitrobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6525	n-Nitrosodiethylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6530	n-Nitrosodimethylamine	EPA 625.1	10300024	Extractable Organics	1/18/2018
6530	n-Nitrosodimethylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
5025	n-Nitroso-di-n-butylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6545	n-Nitrosodi-n-propylamine	EPA 625.1	10300024	Extractable Organics	1/18/2018
6545	n-Nitrosodi-n-propylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6535	n-Nitrosodiphenylamine	EPA 625.1	10300024	Extractable Organics	1/18/2018
6535	n-Nitrosodiphenylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6550	n-Nitrosomethylethylamine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6555	n-Nitrosomorpholine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6560	n-Nitrosopiperidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6565	n-Nitrosopyrrolidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
6580	n-Octadecane	EPA 625.1	10300024	Extractable Organics	1/18/2018
5055	n-Propanol (1-Propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5090	n-Propylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
8290	o,o,o-Triethyl phosphorothioate	EPA 8270E	10242543	Volatile Organics	12/9/2022
1860	Oil & Grease	EPA 1664B	10261617	General Chemistry	4/9/2014
1860	Oil & Grease	EPA 9070A	10245020	General Chemistry	12/9/2022
1865	Organic nitrogen	TKN minus AMMONIA	60034437	General Chemistry	11/26/2001
1870	Orthophosphate as P	EPA 300.0	10053200	General Chemistry	11/26/2001
1870	Orthophosphate as P	EPA 365.1	10070005	General Chemistry	5/19/2004
1870	Orthophosphate as P	EPA 9056A	10199607	General Chemistry	12/9/2022
5145	o-Toluidine	EPA 8270E	10242543	Volatile Organics	12/9/2022
1880	Oxygen, dissolved	SM 4500-O H-2016	20121680	General Chemistry	12/16/2021
5250	o-Xylene	EPA 624.1	10298121	Volatile Organics	1/18/2018
5250	o-Xylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
7955	Parathion, ethyl	EPA 8270E	10242543	Volatile Organics	12/9/2022
6590	Pentachlorobenzene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5035	Pentachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270E	10242543	Volatile Organics	12/9/2022
6605	Pentachlorophenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6605	Pentachlorophenol	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6605	Pentachlorophenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
1900	pH	EPA 9040C	10244403	General Chemistry	12/9/2022
1900	pH	SM 4500-H+ B-2011	20105220	General Chemistry	2/8/2022
6610	Phenacetin	EPA 8270E	10242543	Volatile Organics	12/9/2022
6615	Phenanthrene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6615	Phenanthrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
6625	Phenol	EPA 625.1	10300024	Extractable Organics	1/18/2018
6625	Phenol	EPA 8270E	10242543	Volatile Organics	12/9/2022
7985	Phorate	EPA 8270E	10242543	Volatile Organics	12/9/2022
1910	Phosphorus, total	EPA 200.7	10013806	Metals	3/31/2003
1910	Phosphorus, total	EPA 365.1	10070005	General Chemistry	11/26/2001
1910	Phosphorus, total	EPA 6010D	10155950	Metals	12/9/2022
4910	p-Isopropyltoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1125	Potassium	EPA 200.7	10013806	Metals	11/26/2001
1125	Potassium	EPA 200.8	10014605	Metals	11/14/2014
1125	Potassium	EPA 6010D	10155950	Metals	12/9/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/9/2022
6650	Pronamide (Kerb)	EPA 8270E	10242543	Volatile Organics	12/9/2022

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5080	Propionitrile (Ethyl cyanide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6665	Pyrene	EPA 625.1	10300024	Extractable Organics	1/18/2018
6665	Pyrene	EPA 8270E	10242543	Volatile Organics	12/9/2022
5095	Pyridine	EPA 625.1	10300024	Extractable Organics	1/18/2018
5095	Pyridine	EPA 8270E	10242543	Volatile Organics	12/9/2022
1955	Residue-filterable (TDS)	SM 2540 C-2015	20050435	General Chemistry	2/8/2022
1960	Residue-nonfilterable (TSS)	SM 2540 D-2015	20051223	General Chemistry	2/8/2022
1965	Residue-settleable	SM 2540 F-2015	20052226	General Chemistry	2/8/2022
1950	Residue-total	SM 2540 B-2015	20049438	General Chemistry	2/8/2022
1970	Residue-volatile	SM 2540 E-2015	20051610	General Chemistry	10/3/2022
6685	Safrole	EPA 8270E	10242543	Volatile Organics	12/9/2022
4440	sec-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1140	Selenium	EPA 200.7	10013806	Metals	11/26/2001
1140	Selenium	EPA 200.8	10014605	Metals	3/31/2003
1140	Selenium	EPA 6010D	10155950	Metals	12/9/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/9/2022
1990	Silica as SiO2	EPA 200.7	10013806	Metals	2/21/2008
1990	Silica as SiO2	EPA 6010D	10155950	Metals	12/9/2022
1150	Silver	EPA 200.7	10013806	Metals	11/26/2001
1150	Silver	EPA 200.8	10014605	Metals	3/31/2003
1150	Silver	EPA 6010D	10155950	Metals	12/9/2022
1150	Silver	EPA 6020B	10156420	Metals	12/9/2022
8650	Silvex (2,4,5-TP)	EPA 615	10105609	Pesticides-Herbicides-PCB's	11/26/2001
8650	Silvex (2,4,5-TP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
1155	Sodium	EPA 200.7	10013806	Metals	11/26/2001
1155	Sodium	EPA 200.8	10014605	Metals	11/14/2014
1155	Sodium	EPA 6010D	10155950	Metals	12/9/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/9/2022
1160	Strontium	EPA 200.7	10013806	Metals	2/23/2006
1160	Strontium	EPA 6010D	10155950	Metals	12/9/2022
5100	Styrene	EPA 624.1	10298121	Volatile Organics	11/6/2018
5100	Styrene	EPA 8260D	10307127	Volatile Organics	12/9/2022
2000	Sulfate	EPA 300.0	10053200	General Chemistry	11/26/2001
2000	Sulfate	EPA 9056A	10199607	General Chemistry	12/9/2022
2005	Sulfide	EPA 9034	10196006	General Chemistry	2/14/2025
2005	Sulfide	SM 4500-$S2^{-}$ F-2011	20126663	General Chemistry	2/8/2022

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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2015	Sulfite-SO3	SM 4500-$SO_3^{=}$ B-2011	20130636	General Chemistry	2/8/2022
8155	Sulfotepp	EPA 8270E	10242543	Extractable Organics	12/9/2022
2025	Surfactants - MBAS	SM 5540 C-2011	20145066	General Chemistry	2/8/2022
4370	T-amylmethylether (TAME)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4368	tert-Amyl Alcohol	EPA 8260D	10307127	Volatile Organics	12/9/2022
4369	tert-Amyl Ethyl Ether (TAEE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260D	10307127	Volatile Organics	12/9/2022
9557	tert-Butyl Formate	EPA 8260D	10307127	Volatile Organics	12/9/2022
4445	tert-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5115	Tetrachloroethylene (Perchloroethylene)	EPA 624.1	10298121	Volatile Organics	1/18/2018
5115	Tetrachloroethylene (Perchloroethylene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1165	Thallium	EPA 200.7	10013806	Metals	11/26/2001
1165	Thallium	EPA 200.8	10014605	Metals	3/31/2003
1165	Thallium	EPA 6010D	10155950	Metals	12/9/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/9/2022
8235	Thionazin (Zinophos)	EPA 8270E	10242543	Volatile Organics	12/9/2022
1175	Tin	EPA 200.7	10013806	Metals	3/31/2003
1175	Tin	EPA 200.8	10014605	Metals	11/14/2014
1175	Tin	EPA 6010D	10155950	Metals	12/9/2022
1175	Tin	EPA 6020B	10156420	Metals	12/9/2022
1180	Titanium	EPA 200.7	10013806	Metals	3/31/2003
1180	Titanium	EPA 200.8	10014605	Metals	11/14/2014
1180	Titanium	EPA 6010D	10155950	Metals	12/9/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/9/2022
5140	Toluene	EPA 624.1	10298121	Volatile Organics	1/18/2018
5140	Toluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
2500	Total coliforms	SM 9222 B-2015	20208439	Microbiology	2/8/2022
1645	Total cyanide	EPA 9014	10193803	General Chemistry	12/9/2022
1645	Total cyanide	SM 4500-$CN^{=}$ E-2016	20096439	General Chemistry	2/8/2022
1755	Total hardness as CaCO3	EPA 200.7	10013806	Metals	11/26/2001
1825	Total nitrate-nitrite	EPA 9056A	10199607	General Chemistry	12/9/2022
2040	Total organic carbon	EPA 9060A	10244823	General Chemistry	12/9/2022
2040	Total organic carbon	SM 5310 B-2014	20137831	General Chemistry	2/8/2022
2050	Total Petroleum Hydrocarbons (TPH)	EPA 1664B	10261617	General Chemistry	4/9/2014
2050	Total Petroleum Hydrocarbons (TPH)	FL-PRO	90015808	Extractable Organics	7/1/2003

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1905	Total phenolics	EPA 420.4	10080203	General Chemistry	5/25/2011
1905	Total phenolics	EPA 9065	10200405	General Chemistry	7/1/2003
1940	Total residual chlorine	SM 4500-Cl G-2011	20081623	General Chemistry	2/8/2022
1725	Total, fixed, and volatile residue	SM 2540 G-2015	20005281	General Chemistry	2/8/2022
8250	Toxaphene (Chlorinated camphene)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	1/18/2018
8250	Toxaphene (Chlorinated camphene)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4700	trans-1,2-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4700	trans-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4685	trans-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	1/18/2018
4685	trans-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4605	trans-1,4-Dichloro-2-butene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5170	Trichloroethene (Trichloroethylene)	EPA 624.1	10298121	Volatile Organics	1/18/2018
5170	Trichloroethene (Trichloroethylene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
5175	Trichlorofluoromethane	EPA 624.1	10298121	Volatile Organics	1/18/2018
5175	Trichlorofluoromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
2055	Turbidity	EPA 180.1	10011800	General Chemistry	11/26/2001
1185	Vanadium	EPA 200.7	10013806	Metals	11/26/2001
1185	Vanadium	EPA 200.8	10014605	Metals	3/31/2003
1185	Vanadium	EPA 6010D	10155950	Metals	12/9/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/9/2022
5225	Vinyl acetate	EPA 8260D	10307127	Volatile Organics	12/9/2022
5235	Vinyl chloride	EPA 624.1	10298121	Volatile Organics	1/18/2018
5235	Vinyl chloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
5260	Xylene (total)	EPA 624.1	10298121	Volatile Organics	1/18/2018
5260	Xylene (total)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1190	Zinc	EPA 200.7	10013806	Metals	11/26/2001
1190	Zinc	EPA 200.8	10014605	Metals	3/31/2003
1190	Zinc	EPA 6010D	10155950	Metals	12/9/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5105	1,1,1,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5160	1,1,1-Trichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5110	1,1,2,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	10307127	Volatile Organics	12/9/2022
5165	1,1,2-Trichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4630	1,1-Dichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4640	1,1-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4670	1,1-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5150	1,2,3-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5180	1,2,3-Trichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5155	1,2,4-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5155	1,2,4-Trichlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5210	1,2,4-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4610	1,2-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4610	1,2-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4635	1,2-Dichloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4655	1,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6220	1,2-Diphenylhydrazine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5215	1,3,5-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270E	10242543	Extractable Organics	12/9/2022
4615	1,3-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4615	1,3-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4660	1,3-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270E	10242543	Extractable Organics	12/9/2022
4620	1,4-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4620	1,4-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6420	1,4-Naphthoquinone	EPA 8270E	10242543	Extractable Organics	12/9/2022
6630	1,4-Phenylenediamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5790	1-Chloronaphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6380	1-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6425	1-Naphthylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4665	2,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270E	10242543	Extractable Organics	12/9/2022
6735	2,3,4,6-Tetrachlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
8655	2,4,5-T	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6835	2,4,5-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6840	2,4,6-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
8545	2,4-D	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
8560	2,4-DB	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6000	2,4-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6130	2,4-Dimethylphenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6175	2,4-Dinitrophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6005	2,6-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5515	2-Acetylaminofluorene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4500	2-Chloroethyl vinyl ether	EPA 8260D	10307127	Volatile Organics	12/9/2022
5795	2-Chloronaphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5800	2-Chlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
4535	2-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4860	2-Hexanone	EPA 8260D	10307127	Volatile Organics	12/9/2022
6360	2-Methyl-4,6-dinitrophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6385	2-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6400	2-Methylphenol (o-Cresol)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6430	2-Naphthylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6460	2-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
6490	2-Nitrophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
5050	2-Picoline (2-Methylpyridine)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5945	3,3'-Dichlorobenzidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6120	3,3'-Dimethylbenzidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6355	3-Methylcholanthrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6465	3-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
7355	4,4'-DDD	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7360	4,4'-DDE	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
7365	4,4'-DDT	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
5540	4-Aminobiphenyl	EPA 8270E	10242543	Extractable Organics	12/9/2022
5660	4-Bromophenyl phenyl ether	EPA 8270E	10242543	Extractable Organics	12/9/2022
5700	4-Chloro-3-methylphenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
5745	4-Chloroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
5825	4-Chlorophenyl phenylether	EPA 8270E	10242543	Extractable Organics	12/9/2022
4540	4-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6105	4-Dimethyl aminoazobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4995	4-Methyl-2-pentanone (MIBK)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6410	4-Methylphenol (p-Cresol)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6470	4-Nitroaniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
6500	4-Nitrophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
6510	4-Nitroquinoline 1-oxide	EPA 8270E	10242543	Extractable Organics	12/9/2022
6570	5-Nitro-o-toluidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6125	a,a-Dimethylphenethylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5500	Acenaphthene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5505	Acenaphthylene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4315	Acetone	EPA 8260D	10307127	Volatile Organics	12/9/2022
4320	Acetonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
5510	Acetophenone	EPA 8270E	10242543	Extractable Organics	12/9/2022
4325	Acrolein (Propenal)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4340	Acrylonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
7025	Aldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4355	Allyl chloride (3-Chloropropene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7240	alpha-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1000	Aluminum	EPA 6010D	10155950	Metals	12/9/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/9/2022
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	5/25/2011
5545	Aniline	EPA 8270E	10242543	Extractable Organics	12/9/2022
5555	Anthracene	EPA 8270E	10242543	Extractable Organics	12/9/2022
1005	Antimony	EPA 6010D	10155950	Metals	12/9/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/9/2022
5560	Aramite	EPA 8270E	10242543	Extractable Organics	12/9/2022
8880	Aroclor-1016 (PCB-1016)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8885	Aroclor-1221 (PCB-1221)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8890	Aroclor-1232 (PCB-1232)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8895	Aroclor-1242 (PCB-1242)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8900	Aroclor-1248 (PCB-1248)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8905	Aroclor-1254 (PCB-1254)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8910	Aroclor-1260 (PCB-1260)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8912	Aroclor-1262 (PCB-1262)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
8913	Aroclor-1268 (PCB-1268)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	12/9/2022
1010	Arsenic	EPA 6010D	10155950	Metals	12/9/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/9/2022
7065	Atrazine	EPA 8270E	10242543	Extractable Organics	12/9/2022
1015	Barium	EPA 6010D	10155950	Metals	12/9/2022
1015	Barium	EPA 6020B	10156420	Metals	12/9/2022
5570	Benzaldehyde	EPA 8270E	10242543	Extractable Organics	12/9/2022
4375	Benzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5595	Benzidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5575	Benzo(a)anthracene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5580	Benzo(a)pyrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5585	Benzo(b)fluoranthene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5590	Benzo(g,h,i)perylene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5600	Benzo(k)fluoranthene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5610	Benzoic acid	EPA 8270E	10242543	Extractable Organics	12/9/2022
5630	Benzyl alcohol	EPA 8270E	10242543	Extractable Organics	12/9/2022
1020	Beryllium	EPA 6010D	10155950	Metals	12/9/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/9/2022
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5760	bis(2-Chloroethoxy)methane	EPA 8270E	10242543	Extractable Organics	12/9/2022
5765	bis(2-Chloroethyl) ether	EPA 8270E	10242543	Extractable Organics	12/9/2022
1540	Bromide	EPA 9056A	10199607	General Chemistry	12/9/2022
4385	Bromobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4390	Bromochloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4395	Bromodichloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4400	Bromoform	EPA 8260D	10307127	Volatile Organics	12/9/2022
5670	Butyl benzyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
1030	Cadmium	EPA 6010D	10155950	Metals	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1030	Cadmium	EPA 6020B	10156420	Metals	12/9/2022
1035	Calcium	EPA 6010D	10155950	Metals	12/9/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/9/2022
7180	Caprolactam	EPA 8270E	10242543	Extractable Organics	12/9/2022
5680	Carbazole	EPA 8270E	10242543	Extractable Organics	12/9/2022
4450	Carbon disulfide	EPA 8260D	10307127	Volatile Organics	12/9/2022
4455	Carbon tetrachloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
7250	Chlordane (tech.)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1575	Chloride	EPA 9056A	10199607	General Chemistry	12/9/2022
4475	Chlorobenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
7260	Chlorobenzilate	EPA 8270E	10242543	Extractable Organics	12/9/2022
4485	Chloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4505	Chloroform	EPA 8260D	10307127	Volatile Organics	12/9/2022
4525	Chloroprene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1040	Chromium	EPA 6010D	10155950	Metals	12/9/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/9/2022
1045	Chromium VI	EPA 7196A	10162400	Metals	12/9/2022
5855	Chrysene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4645	cis-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4680	cis-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1050	Cobalt	EPA 6010D	10155950	Metals	12/9/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/9/2022
1610	Conductivity	EPA 9050A	10198808	General Chemistry	12/9/2022
1055	Copper	EPA 6010D	10155950	Metals	12/9/2022
1055	Copper	EPA 6020B	10156420	Metals	12/9/2022
4555	Cyclohexane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8555	Dalapon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7105	delta-BHC	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270E	10242543	Extractable Organics	12/9/2022
7405	Diallate	EPA 8270E	10242543	Extractable Organics	12/9/2022
5895	Dibenz(a,h)anthracene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5905	Dibenzofuran	EPA 8270E	10242543	Extractable Organics	12/9/2022
4575	Dibromochloromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4595	Dibromomethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
8595	Dicamba	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
4625	Dichlorodifluoromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8605	Dichloroprop (Dichlorprop)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7470	Dieldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
9369	Diesel range organics (DRO)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4725	Diethyl ether	EPA 8015C	10173816	Volatile Organics	12/9/2022
6070	Diethyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
7475	Dimethoate	EPA 8270E	10242543	Extractable Organics	12/9/2022
6135	Dimethyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
5925	Di-n-butyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
6200	Di-n-octyl phthalate	EPA 8270E	10242543	Extractable Organics	12/9/2022
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
6205	Diphenylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
8625	Disulfoton	EPA 8270E	10242543	Extractable Organics	12/9/2022
7510	Endosulfan I	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7515	Endosulfan II	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7520	Endosulfan sulfate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7540	Endrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7530	Endrin aldehyde	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7535	Endrin ketone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4750	Ethanol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4755	Ethyl acetate	EPA 8015C	10173816	Volatile Organics	10/6/2024
4810	Ethyl methacrylate	EPA 8260D	10307127	Volatile Organics	12/9/2022
6260	Ethyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	12/9/2022
4765	Ethylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4785	Ethylene glycol	EPA 8015C	10173816	Volatile Organics	12/9/2022
7580	Famphur	EPA 8270E	10242543	Extractable Organics	12/9/2022
6265	Fluoranthene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6270	Fluorene	EPA 8270E	10242543	Extractable Organics	12/9/2022
1730	Fluoride	EPA 9056A	10199607	General Chemistry	12/9/2022
4815	Formaldehyde	EPA 8315A	10188008	Extractable Organics	12/9/2022
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7245	gamma-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
9408	Gasoline range organics (GRO)	EPA 8015C	10173816	Volatile Organics	12/9/2022
7685	Heptachlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
7690	Heptachlor epoxide	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
6275	Hexachlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4835	Hexachlorobutadiene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4835	Hexachlorobutadiene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6285	Hexachlorocyclopentadiene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4840	Hexachloroethane	EPA 8270E	10242543	Extractable Organics	12/9/2022
6290	Hexachlorophene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6295	Hexachloropropene	EPA 8270E	10242543	Extractable Organics	12/9/2022
1780	Ignitability	EPA 1010B	10234830	General Chemistry	12/9/2022
1780	Ignitability	EPA 1030	10117201	General Chemistry	5/19/2015
6315	Indeno(1,2,3-cd)pyrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4870	Iodomethane (Methyl iodide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1070	Iron	EPA 6010D	10155950	Metals	12/9/2022
1070	Iron	EPA 6020B	10156420	Metals	12/9/2022
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260D	10307127	Volatile Organics	12/9/2022
7725	Isodrin	EPA 8270E	10242543	Extractable Organics	12/9/2022
6320	Isophorone	EPA 8270E	10242543	Extractable Organics	12/9/2022
4895	Isopropyl alcohol (2-Propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4900	Isopropylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
6325	Isosafrole	EPA 8270E	10242543	Extractable Organics	12/9/2022
7740	Kepone	EPA 8270E	10242543	Extractable Organics	12/9/2022
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	5/25/2011
1075	Lead	EPA 6010D	10155950	Metals	12/9/2022
1075	Lead	EPA 6020B	10156420	Metals	12/9/2022
1080	Lithium	EPA 6010D	10155950	Metals	10/6/2024
5240	m+p-Xylenes	EPA 8260D	10307127	Volatile Organics	12/9/2022
1085	Magnesium	EPA 6010D	10155950	Metals	12/9/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/9/2022
1090	Manganese	EPA 6010D	10155950	Metals	12/9/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/9/2022
7775	MCPA	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
7780	MCPP	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
1095	Mercury	EPA 7471B	10166457	Metals	12/9/2022
1095	Mercury	EPA 7473	10166800	Metals	9/27/2017
4925	Methacrylonitrile	EPA 8260D	10307127	Volatile Organics	12/9/2022
4930	Methanol	EPA 8015C	10173816	Volatile Organics	12/9/2022
6345	Methapyrilene	EPA 8270E	10242543	Extractable Organics	12/9/2022

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
7810	Methoxychlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
4940	Methyl acetate	EPA 8260D	10307127	Volatile Organics	12/9/2022
4950	Methyl bromide (Bromomethane)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4960	Methyl chloride (Chloromethane)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4990	Methyl methacrylate	EPA 8260D	10307127	Volatile Organics	12/9/2022
6375	Methyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	12/9/2022
7825	Methyl parathion (Parathion, methyl)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5000	Methyl tert-butyl ether (MTBE)	EPA 8260D	10307127	Volatile Organics	12/9/2022
4965	Methylcyclohexane	EPA 8260D	10307127	Volatile Organics	12/9/2022
4975	Methylene chloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
1100	Molybdenum	EPA 6010D	10155950	Metals	12/9/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/9/2022
5005	Naphthalene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5005	Naphthalene	EPA 8270E	10242543	Extractable Organics	12/9/2022
4425	n-Butyl alcohol	EPA 8015C	10173816	Volatile Organics	12/9/2022
4435	n-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1105	Nickel	EPA 6010D	10155950	Metals	12/9/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/9/2022
1805	Nitrate	EPA 9056A	10199607	General Chemistry	12/9/2022
1835	Nitrite	EPA 9056A	10199607	General Chemistry	12/9/2022
5015	Nitrobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6525	n-Nitrosodiethylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6530	n-Nitrosodimethylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5025	n-Nitroso-di-n-butylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6545	n-Nitrosodi-n-propylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6535	n-Nitrosodiphenylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6550	n-Nitrosomethylethylamine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6555	n-Nitrosomorpholine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6560	n-Nitrosopiperidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
6565	n-Nitrosopyrrolidine	EPA 8270E	10242543	Extractable Organics	12/9/2022
5055	n-Propanol (1-Propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
5090	n-Propylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
8290	o,o,o-Triethyl phosphorothioate	EPA 8270E	10242543	Extractable Organics	12/9/2022
1860	Oil & Grease	EPA 9071B	10201806	General Chemistry	12/9/2022
1870	Orthophosphate as P	EPA 9056A	10199607	General Chemistry	12/9/2022
5145	o-Toluidine	EPA 8270E	10242543	Extractable Organics	12/9/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5250	o-Xylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1434	Paint Filter Liquids	EPA 9095B	10245600	General Chemistry	12/9/2022
7955	Parathion, ethyl	EPA 8270E	10242543	Extractable Organics	12/9/2022
6590	Pentachlorobenzene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5035	Pentachloroethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270E	10242543	Extractable Organics	12/9/2022
6605	Pentachlorophenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
1900	pH	EPA 9040C	10244403	General Chemistry	12/9/2022
1900	pH	EPA 9045D	10198455	General Chemistry	12/9/2022
6610	Phenacetin	EPA 8270E	10242543	Extractable Organics	12/9/2022
6615	Phenanthrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
6625	Phenol	EPA 8270E	10242543	Extractable Organics	12/9/2022
7985	Phorate	EPA 8270E	10242543	Extractable Organics	12/9/2022
1910	Phosphorus, total	EPA 365.1	10070005	General Chemistry	5/25/2011
1910	Phosphorus, total	EPA 6010D	10155950	Metals	12/9/2022
4910	p-Isopropyltoluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1125	Potassium	EPA 6010D	10155950	Metals	12/9/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/9/2022
6650	Pronamide (Kerb)	EPA 8270E	10242543	Extractable Organics	12/9/2022
5080	Propionitrile (Ethyl cyanide)	EPA 8260D	10307127	Volatile Organics	12/9/2022
6665	Pyrene	EPA 8270E	10242543	Extractable Organics	12/9/2022
5095	Pyridine	EPA 8270E	10242543	Extractable Organics	12/9/2022
1923	Reactive Cyanide	s.7.3 SW-846	10245702	General Chemistry	11/26/2001
1925	Reactive sulfide	s.7.3 SW-846	10245702	General Chemistry	11/26/2001
6685	Safrole	EPA 8270E	10242543	Extractable Organics	12/9/2022
4440	sec-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1140	Selenium	EPA 6010D	10155950	Metals	12/9/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/9/2022
1150	Silver	EPA 6010D	10155950	Metals	12/9/2022
1150	Silver	EPA 6020B	10156420	Metals	12/9/2022
8650	Silvex (2,4,5-TP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	12/9/2022
1155	Sodium	EPA 6010D	10155950	Metals	12/9/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/9/2022
5100	Styrene	EPA 8260D	10307127	Volatile Organics	12/9/2022
2000	Sulfate	EPA 9056A	10199607	General Chemistry	12/9/2022
2005	Sulfide	EPA 9034	10196006	General Chemistry	2/14/2025

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E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8155	Sulfotepp	EPA 8270E	10242543	Extractable Organics	12/9/2022
1460	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	10119003	General Chemistry	11/26/2001
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015C	10173816	Volatile Organics	12/9/2022
4445	tert-Butylbenzene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5115	Tetrachloroethylene (Perchloroethylene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1165	Thallium	EPA 6010D	10155950	Metals	12/9/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/9/2022
8235	Thionazin (Zinophos)	EPA 8270E	10242543	Extractable Organics	12/9/2022
1175	Tin	EPA 6010D	10155950	Metals	12/9/2022
1175	Tin	EPA 6020B	10156420	Metals	12/9/2022
1180	Titanium	EPA 6010D	10155950	Metals	12/9/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/9/2022
5140	Toluene	EPA 8260D	10307127	Volatile Organics	12/9/2022
1645	Total cyanide	EPA 9014	10193803	General Chemistry	12/9/2022
1825	Total nitrate-nitrite	EPA 9056A	10199607	General Chemistry	12/9/2022
2040	Total organic carbon	EPA 9060A	10244823	General Chemistry	12/9/2022
2050	Total Petroleum Hydrocarbons (TPH)	FL-PRO	90015808	Extractable Organics	11/26/2001
1905	Total phenolics	EPA 9065	10200405	General Chemistry	11/26/2001
8250	Toxaphene (Chlorinated camphene)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	12/9/2022
1466	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	General Chemistry	11/26/2001
4700	trans-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4685	trans-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	12/9/2022
4605	trans-1,4-Dichloro-2-butene	EPA 8260D	10307127	Volatile Organics	12/9/2022
5170	Trichloroethene (Trichloroethylene)	EPA 8260D	10307127	Volatile Organics	12/9/2022
5175	Trichlorofluoromethane	EPA 8260D	10307127	Volatile Organics	12/9/2022
1185	Vanadium	EPA 6010D	10155950	Metals	12/9/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/9/2022
5225	Vinyl acetate	EPA 8260D	10307127	Volatile Organics	12/9/2022
5235	Vinyl chloride	EPA 8260D	10307127	Volatile Organics	12/9/2022
5260	Xylene (total)	EPA 8260D	10307127	Volatile Organics	12/9/2022
1190	Zinc	EPA 6010D	10155950	Metals	12/9/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/9/2022

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Air and Emissions**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5160	1,1,1-Trichloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5160	1,1,1-Trichloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
5110	1,1,2,2-Tetrachloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5110	1,1,2,2-Tetrachloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5165	1,1,2-Trichloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5165	1,1,2-Trichloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4630	1,1-Dichloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4630	1,1-Dichloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4640	1,1-Dichloroethylene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4640	1,1-Dichloroethylene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5155	1,2,4-Trichlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5155	1,2,4-Trichlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5210	1,2,4-Trimethylbenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4695	1,2-Dichloro-1,1,2,2-tetrafluoroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4610	1,2-Dichlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4610	1,2-Dichlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4635	1,2-Dichloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4635	1,2-Dichloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4655	1,2-Dichloropropane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4655	1,2-Dichloropropane	EPA TO-15	10248803	Volatile Organics	5/19/2015
5215	1,3,5-Trimethylbenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
9318	1,3-Butadiene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4615	1,3-Dichlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4615	1,3-Dichlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4620	1,4-Dichlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4620	1,4-Dichlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5220	2,2,4-Trimethylpentane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4535	2-Chlorotoluene	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
4535	2-Chlorotoluene	EPA TO-15	10248803	Volatile Organics	11/6/2018

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State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Air and Emissions**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4860	2-Hexanone	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4860	2-Hexanone	EPA TO-15	10248803	Volatile Organics	5/19/2015
4542	4-Ethyltoluene	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4542	4-Ethyltoluene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4542	4-Ethyltoluene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4995	4-Methyl-2-pentanone (MIBK)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4315	Acetone	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4315	Acetone	EPA TO-15	10248803	Volatile Organics	5/19/2015
4325	Acrolein (Propenal)	EPA TO-15	10248803	Volatile Organics	11/6/2018
4355	Allyl chloride (3-Chloropropene)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4375	Benzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4375	Benzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5635	Benzyl chloride	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5635	Benzyl chloride	EPA TO-15	10248803	Volatile Organics	5/19/2015
4395	Bromodichloromethane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4395	Bromodichloromethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4400	Bromoform	EPA TO-15	10248803	Volatile Organics	5/19/2015
4450	Carbon disulfide	EPA TO-15	10248803	Volatile Organics	5/19/2015
4455	Carbon tetrachloride	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4455	Carbon tetrachloride	EPA TO-15	10248803	Volatile Organics	5/19/2015
4475	Chlorobenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4475	Chlorobenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4485	Chloroethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4485	Chloroethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4505	Chloroform	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4505	Chloroform	EPA TO-15	10248803	Volatile Organics	5/19/2015
4645	cis-1,2-Dichloroethylene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4645	cis-1,2-Dichloroethylene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4680	cis-1,3-Dichloropropene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4680	cis-1,3-Dichloropropene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4555	Cyclohexane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4575	Dibromochloromethane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4575	Dibromochloromethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4575	Dibromochloromethane	EPA TO-15	10248803	Volatile Organics	5/19/2015

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Air and Emissions**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4625	Dichlorodifluoromethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4625	Dichlorodifluoromethane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4750	Ethanol	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
4755	Ethyl acetate	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4765	Ethylbenzene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4765	Ethylbenzene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4835	Hexachlorobutadiene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4835	Hexachlorobutadiene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4895	Isopropyl alcohol (2-Propanol)	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
4900	Isopropylbenzene	EPA TO-15	10248803	Volatile Organics	11/6/2018
5240	m+p-Xylenes	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5240	m+p-Xylenes	EPA TO-15	10248803	Volatile Organics	5/19/2015
4950	Methyl bromide (Bromomethane)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4950	Methyl bromide (Bromomethane)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4960	Methyl chloride (Chloromethane)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4960	Methyl chloride (Chloromethane)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5000	Methyl tert-butyl ether (MTBE)	EPA TO-15	10248803	Volatile Organics	5/19/2015
4975	Methylene chloride	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4975	Methylene chloride	EPA TO-15	10248803	Volatile Organics	5/19/2015
5005	Naphthalene	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
5007	n-Butane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
4825	n-Heptane	EPA TO-15	10248803	Volatile Organics	5/19/2015
4855	n-Hexane	EPA TO-15	10248803	Volatile Organics	5/19/2015
5026	Nonane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
5028	n-Pentane	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
5090	n-Propylbenzene	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	11/6/2018
5250	o-Xylene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5250	o-Xylene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4836	Propylene (Propene)	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
5100	Styrene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5100	Styrene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5115	Tetrachloroethylene (Perchloroethylene)	EPA TO-14A	10312002	Volatile Organics	5/19/2015

Laboratory Scope of Accreditation

Attachment to Certificate #: E87582-53, expiration date June 30, 2026. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87582** EPA Lab Code: **GA00906** **(770) 457-8177**

E87582
Eurofins Atlanta
3080 Presidential Drive
Atlanta, GA 30340

Matrix: **Air and Emissions**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5115	Tetrachloroethylene (Perchloroethylene)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5120	Tetrahydrofuran (THF)	AES SOP OA-11051 / GC-MS	60001630	Volatile Organics	5/19/2015
5120	Tetrahydrofuran (THF)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5140	Toluene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5140	Toluene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4700	trans-1,2-Dichloroethylene	EPA TO-15	10248803	Volatile Organics	5/19/2015
4685	trans-1,3-Dichloropropene	EPA TO-14A	10312002	Volatile Organics	5/19/2015
4685	trans-1,3-Dichloropropene	EPA TO-15	10248803	Volatile Organics	5/19/2015
5170	Trichloroethene (Trichloroethylene)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5170	Trichloroethene (Trichloroethylene)	EPA TO-15	10248803	Volatile Organics	5/19/2015
5175	Trichlorofluoromethane	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5225	Vinyl acetate	EPA TO-15	10248803	Volatile Organics	5/19/2015
5230	Vinyl bromide	EPA TO-15	10248803	Volatile Organics	5/19/2015
5235	Vinyl chloride	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5235	Vinyl chloride	EPA TO-15	10248803	Volatile Organics	5/19/2015
5260	Xylene (total)	EPA TO-14A	10312002	Volatile Organics	5/19/2015
5260	Xylene (total)	EPA TO-15	10248803	Volatile Organics	5/19/2015

APPENDIX C

Well Condition Assessment Forms and Well Maintenance and Repair Documentation Memorandum

APPENDIX C

Well Condition Assessment Forms February 2025

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
SGWA-1	Yes	Yes	No	Yes
SGWA-2	Yes	Yes	No	Yes
SGWA-3	Yes	Yes	No	Yes
SGWA-4	Yes	Yes	No	Yes
SGWA-5	Yes	Yes	No	Yes
SGWC-6	Yes	Yes	No	Yes
SGWC-7	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	No	Yes
SGWC-9	Yes	Yes	No	Yes
SGWC-10	Yes	Yes	No	Yes
SGWC-11	Yes	Yes	No	Yes
SGWC-12	Yes	Yes	No	Yes
SGWC-13	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	No	Yes
SGWC-15	Yes	Yes	No	Yes
SGWC-16	Yes	Yes	No	Yes
SGWC-17	Yes	Yes	No	Yes
SGWC-18	Yes	Yes	No	Yes
SGWC-19	Yes	Yes	No	Yes
SGWC-20	Yes	Yes	No	Yes
SGWC-21	Yes	Yes	No	Yes
SGWC-22	Yes	Yes	No	Yes
SGWC-23	Yes	Yes	No	Yes
SGWA-24	Yes	Yes	No	Yes
SGWA-25	No	Yes	No	Yes
PZ-13S	Yes	Yes	No	Yes
PZ-14S	Yes	Yes	No	Yes
PZ-17I	Yes	Yes	No	Yes
PZ-39S	Yes	Yes	No	Yes
PZ-40I	Yes	Yes	No	Yes
PZ-41S	Yes	Yes	No	Yes
PZ-42I	Yes	Yes	No	Yes
PZ-43S	Yes	Yes	No	Yes
PZ-44I	Yes	Yes	No	Yes
PZ-69I	Yes	Yes	No	Yes
PZ-2I	Yes	Yes	No	Yes
PZ-3S	Yes	Yes	No	Yes
PZ-5I	Yes	Yes	No	Yes
PZ-9I	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-10S	Yes	Yes	No	Yes
PZ-11S	Yes	Yes	No	Yes
PZ-12S	Yes	Yes	No	Yes
PZ-14I	Yes	Yes	No	Yes
PZ-15S	Yes	Yes	No	Yes
PZ-19I	Yes	Yes	No	Yes
PZ-19S	Yes	Yes	No	Yes
PZ-20I	Yes	Yes	No	Yes
PZ-21S	Yes	Yes	No	Yes
PZ-25S	Yes	Yes	No	Yes
PZ-25I	Yes	Yes	No	Yes
PZ-26S	Yes	Yes	No	Yes
PZ-27D	Yes	Yes	No	Yes
PZ-27S	Yes	Yes	No	Yes
PZ-28I	Yes	Yes	No	Yes
PZ-29S	Yes	Yes	No	Yes
PZ-30I	Yes	Yes	No	Yes
PZ-31I	Yes	Yes	No	Yes
PZ-32D	Yes	Yes	No	Yes
PZ-32S	Yes	Yes	No	Yes
PZ-33I	Yes	Yes	No	Yes
PZ-34S	Yes	Yes	No	Yes
PZ-35I	Yes	Yes	No	Yes
PZ-36I	Yes	Yes	No	Yes
PZ-36S	Yes	Yes	No	Yes
PZ-37I	Yes	Yes	No	Yes
PZ-38I	Yes	Yes	No	Yes
PZ-45D	No	Yes	No	Yes
PZ-46D	Yes	Yes	No	Yes
PZ-47D	No	Yes	No	Yes
PZ-48S	Yes	Yes	No	Yes
PZ-49D	Yes	No	No	Yes
PZ-49S	Yes	Yes	No	Yes
PZ-50D	NA	NA	NA	NA
PZ-51D	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-52	Yes	Yes	No	Yes
PZ-53	Yes	Yes	No	Yes
PZ-54	Yes	Yes	No	Yes
PZ-55	Yes	Yes	No	Yes
PZ-56	No	Yes	No	Yes
PZ-57	Yes	Yes	No	Yes
PZ-58	Yes	Yes	No	Yes
PZ-59S	No	Yes	No	Yes
PZ-59D	No	Yes	No	Yes
PZ-60S	No	Yes	No	Yes
PZ-60D	No	Yes	No	Yes
PZ-61	Yes	Yes	No	Yes
PZ-62	Yes	Yes	No	Yes
PZ-63	Yes	Yes	No	Yes
PZ-64	Yes	Yes	No	Yes
PZ-65	No	Yes	No	Yes
PZ-66D	Yes	Yes	No	Yes
PZ-66	Yes	Yes	No	Yes
PZ-67D	Yes	Yes	No	Yes
PZ-67	Yes	Yes	No	Yes
PZ-68	No	Yes	No	Yes
LPZ-01	Yes	Yes	No	Yes
LPZ-02	Yes	Yes	No	Yes
LPZ-03	Yes	Yes	No	Yes
LPZ-04	Yes	Yes	No	Yes
LPZ-05	Yes	Yes	No	Yes
GWC-30	Yes	Yes	No	Yes
GWC-31	Yes	Yes	No	Yes
GWC-32	Yes	Yes	No	Yes
GWC-33A	Yes	Yes	No	Yes
GWC-34	Yes	Yes	No	Yes
GWC-35	No	Yes	No	Yes
GWC-36	Yes	Yes	No	Yes
GWC-37	Yes	Yes	No	Yes
GWC-38	Yes	Yes	No	Yes
GWA-39	Yes	Yes	No	Yes
GWA-40	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWA-41	Yes	Yes	No	Yes
GWA-42	No	Yes	No	Yes
GWA-43	Yes	Yes	No	Yes
GWA-44	Yes	Yes	No	Yes
GWA-44A	No	No	No	No
GWA-54	Yes	Yes	No	Yes
GWC-1	Yes	Yes	No	mar
GWC-2	Yes	Yes	No	Yes
GWC-3	Yes	Yes	No	Yes
GWC-4	Yes	Yes	No	Yes
GWC-5	Yes	Yes	No	Yes
GWC-6	Yes	Yes	No	Yes
GWC-7	Yes	Yes	No	Yes
GWC-8	Yes	Yes	No	Yes
GWC-8A	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-11	Yes	Yes	No	Yes
GWC-12	Yes	Yes	No	Yes
GWC-13	Yes	Yes	No	Yes
GWC-14	Yes	Yes	No	Yes
GWA-15	Yes	Yes	No	Yes
GWA-16	Yes	Yes	No	Yes
GWA-17	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWA-21	Yes	Yes	No	Yes
GWA-22	Yes	Yes	No	Yes
GWC-29	Yes	Yes	No	Yes
GWA-45	Yes	Yes	No	Yes
GWA-46	Yes	Yes	No	Yes
GWA-47	Yes	Yes	No	Yes
GWA-48	Yes	Yes	No	Yes
GWA-49	Yes	Yes	No	Yes
GWC-50	Yes	Yes	No	Yes
GWC-51	Yes	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWC-52	Yes	Yes	No	Yes
GWC-53	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
SGWA-1	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes
PZ-9I	No	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-10S	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes
PZ-50D	NA	NA	NA	NA	NA
PZ-51D	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-52	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	No	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes
GWC-34	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-41	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes
GWA-44	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	No
GWC-14	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWC-52	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
SGWA-1	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-13	No	Yes	Yes	Yes	Yes	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-15	No	Yes	Yes	Yes	Yes	Yes
SGWC-16	No	Yes	Yes	Yes	Yes	Yes
SGWC-17	No	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-24	No	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-17I	No	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	No	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-10S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	No	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	No	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-50D	NA	NA	NA	NA	NA	NA
PZ-51D	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-52	Yes	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes	Yes
PZ-54	No	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes	Yes
GWC-30	No	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes	Yes
GWC-33A	No	Yes	No	Yes	Yes	Yes
GWC-34	No	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes	Yes
GWC-36	No	Yes	No	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes	Yes
GWA-39	No	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWA-41	Yes	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	No	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWC-52	Yes	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
SGWA-1	
SGWA-2	
SGWA-3	
SGWA-4	
SGWA-5	
SGWC-6	
SGWC-7	
SGWC-8	
SGWC-9	
SGWC-10	
SGWC-11	
SGWC-12	
SGWC-13	
SGWC-14	
SGWC-15	
SGWC-16	
SGWC-17	
SGWC-18	
SGWC-19	
SGWC-20	
SGWC-21	
SGWC-22	
SGWC-23	
SGWA-24	
SGWA-25	Clear overgrowth
PZ-13S	
PZ-14S	
PZ-17I	
PZ-39S	
PZ-40I	
PZ-41S	
PZ-42I	
PZ-43S	
PZ-44I	
PZ-69I	
PZ-2I	
PZ-3S	
PZ-5I	
PZ-9I	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-10S	
PZ-11S	
PZ-12S	
PZ-14I	
PZ-15S	
PZ-19I	
PZ-19S	
PZ-20I	
PZ-21S	
PZ-25S	
PZ-25I	
PZ-26S	
PZ-27D	
PZ-27S	
PZ-28I	
PZ-29S	
PZ-30I	
PZ-31I	
PZ-32D	
PZ-32S	
PZ-33I	
PZ-34S	
PZ-35I	
PZ-36I	
PZ-36S	
PZ-37I	
PZ-38I	
PZ-45D	Clear path
PZ-46D	
PZ-47D	Clear path
PZ-48S	
PZ-49D	
PZ-49S	
PZ-50D	Not required - no access
PZ-51D	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-52	
PZ-53	
PZ-54	Ant mound on well pad needs removal
PZ-55	
PZ-56	Overgrown- area surrounding well pad needs clearing
PZ-57	
PZ-58	
PZ-59S	Needs overgrowth cleared
PZ-59D	Needs overgrowth cleared
PZ-60S	Needs overgrowth cleared
PZ-60D	Needs overgrowth cleared
PZ-61	
PZ-62	
PZ-63	
PZ-64	
PZ-65	
PZ-66D	
PZ-66	
PZ-67D	
PZ-67	
PZ-68	
LPZ-01	
LPZ-02	
LPZ-03	
LPZ-04	
LPZ-05	
GWC-30	
GWC-31	
GWC-32	
GWC-33A	Erosion on SE corner of pad - needs reinforcement
GWC-34	Ant mound on well pad needs removal
GWC-35	
GWC-36	Erosion on SE corner of pad - needs reinforcement
GWC-37	
GWC-38	
GWA-39	Some cracks in pad, needs completion
GWA-40	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
GWA-41	
GWA-42	Brush on concrete pad needs clearing
GWA-43	
GWA-44	
GWA-44A	Standing water surrounding 3 sides of well. Needs "A" added to label.
GWA-54	
GWC-1	
GWC-2	
GWC-3	
GWC-4	
GWC-5	
GWC-6	
GWC-7	
GWC-8	
GWC-8A	
GWC-9	
GWC-10	
GWC-11	
GWC-12	
GWC-13	Lock needs to be replaced
GWC-14	
GWA-15	
GWA-16	
GWA-17	
GWC-18	
GWC-19	
GWC-20	
GWA-21	
GWA-22	
GWC-29	
GWA-45	
GWA-46	
GWA-47	
GWA-48	
GWA-49	
GWC-50	
GWC-51	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
GWC-52	
GWC-53	

APPENDIX C

Well Condition Assessment Forms
July 2025

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
SGWA-1	Yes	Yes	No	Yes
SGWA-2	Yes	Yes	No	Yes
SGWA-3	No	Yes	No	Yes
SGWA-4	Yes	Yes	No	Yes
SGWA-5	Yes	Yes	No	Yes
SGWC-6	Yes	Yes	No	Yes
SGWC-7	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	No	Yes
SGWC-9	Yes	Yes	No	Yes
SGWC-10	Yes	Yes	No	Yes
SGWC-11	Yes	Yes	No	Yes
SGWC-12	Yes	Yes	No	Yes
SGWC-13	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	No	Yes
SGWC-15	Yes	Yes	No	Yes
SGWC-16	Yes	Yes	No	Yes
SGWC-17	Yes	Yes	No	Yes
SGWC-18	Yes	Yes	No	Yes
SGWC-19	Yes	Yes	No	Yes
SGWC-20	Yes	Yes	No	Yes
SGWC-21	Yes	Yes	No	Yes
SGWC-22	Yes	Yes	No	Yes
SGWC-23	Yes	Yes	No	Yes
SGWA-24	Yes	Yes	No	Yes
SGWA-25	Yes	Yes	No	Yes
PZ-13S	Yes	Yes	No	Yes
PZ-14S	Yes	Yes	No	Yes
PZ-17I	Yes	Yes	No	Yes
PZ-39S	No	Yes	No	Yes
PZ-40I	Yes	Yes	No	Yes
PZ-41S	Yes	Yes	No	Yes
PZ-42I	Yes	Yes	No	Yes
PZ-43S	Yes	Yes	No	Yes
PZ-44I	Yes	Yes	No	Yes
PZ-69I	Yes	Yes	No	Yes
PZ-70	Yes	Yes	No	Yes
PZ-71	Yes	Yes	No	Yes
PZ-2I	Yes	Yes	No	Yes
PZ-3S	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-5I	Yes	Yes	No	Yes
PZ-9I	Yes	Yes	No	Yes
PZ-10S	Yes	Yes	No	Yes
PZ-11S	Yes	Yes	No	Yes
PZ-12S	Yes	Yes	No	Yes
PZ-14I	Yes	Yes	No	Yes
PZ-15S	Yes	Yes	No	Yes
PZ-19I	Yes	Yes	No	Yes
PZ-19S	Yes	Yes	No	Yes
PZ-20I	Yes	Yes	No	Yes
PZ-21S	Yes	Yes	No	Yes
PZ-25S	Yes	Yes	No	Yes
PZ-25I	Yes	Yes	No	Yes
PZ-26S	Yes	Yes	No	Yes
PZ-27D	Yes	Yes	No	Yes
PZ-27S	Yes	Yes	No	Yes
PZ-28I	Yes	Yes	No	Yes
PZ-29S	Yes	Yes	No	Yes
PZ-30I	Yes	Yes	No	Yes
PZ-31I	Yes	Yes	No	Yes
PZ-32D	No	Yes	No	Yes
PZ-32S	No	Yes	No	Yes
PZ-33I	Yes	Yes	No	Yes
PZ-34S	Yes	Yes	No	Yes
PZ-35I	Yes	Yes	No	Yes
PZ-36I	Yes	Yes	No	Yes
PZ-36S	Yes	Yes	No	Yes
PZ-37I	Yes	Yes	No	Yes
PZ-38I	Yes	Yes	No	Yes
PZ-45D	Yes	Yes	No	Yes
PZ-46D	No	Yes	No	Yes
PZ-47D	Yes	Yes	No	Yes
PZ-48S	Yes	Yes	No	Yes
PZ-49D	No	Yes	No	Yes
PZ-49S	No	Yes	No	Yes
PZ-50D	Yes	Yes	No	Yes
PZ-51D	Yes	Yes	No	Yes
PZ-52	No	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-53	No	Yes	No	Yes
PZ-54	No	Yes	No	Yes
PZ-55	No	Yes	No	Yes
PZ-56	No	Yes	No	Yes
PZ-57	No	Yes	No	Yes
PZ-58	No	Yes	No	Yes
PZ-59S	Yes	Yes	No	Yes
PZ-59D	Yes	Yes	No	Yes
PZ-60S	No	Yes	No	Yes
PZ-60D	No	Yes	No	Yes
PZ-61	No	Yes	No	Yes
PZ-62	Yes	Yes	No	Yes
PZ-63	No	Yes	No	Yes
PZ-64	Yes	Yes	No	Yes
PZ-65	No	Yes	No	Yes
PZ-66D	No	Yes	No	Yes
PZ-66	No	Yes	No	Yes
PZ-67D	No	Yes	No	Yes
PZ-67	No	Yes	No	Yes
PZ-68	No	Yes	No	Yes
LPZ-01	Yes	Yes	No	Yes
LPZ-02	Yes	Yes	No	Yes
LPZ-03	No	Yes	No	Yes
LPZ-04	Yes	Yes	No	Yes
LPZ-05	No	Yes	No	Yes
GWC-30	Yes	Yes	No	Yes
GWC-31	Yes	Yes	No	Yes
GWC-32	Yes	Yes	No	Yes
GWC-33A	Yes	Yes	No	Yes
GWC-34	Yes	Yes	No	Yes
GWC-35	Yes	Yes	No	Yes
GWC-36	Yes	Yes	No	Yes
GWC-37	Yes	Yes	No	Yes
GWC-38	Yes	Yes	No	Yes
GWA-39	Yes	Yes	No	Yes
GWA-40	Yes	Yes	No	Yes
GWA-41	Yes	Yes	No	Yes
GWA-42	Yes	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWA-43	Yes	Yes	No	Yes
GWA-44A	Yes	Yes	No	Yes
GWA-54	Yes	Yes	No	Yes
GWC-1	No	Yes	No	Yes
GWC-2	Yes	Yes	No	Yes
GWC-3	Yes	Yes	No	Yes
GWC-4	Yes	Yes	No	Yes
GWC-5	Yes	Yes	No	Yes
GWC-6	Yes	Yes	No	Yes
GWC-7	Yes	Yes	No	Yes
GWC-8A	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-11	Yes	Yes	No	Yes
GWC-12	Yes	Yes	No	Yes
GWC-13	Yes	Yes	No	Yes
GWC-14	Yes	Yes	No	Yes
GWA-15	Yes	Yes	No	Yes
GWA-16	Yes	Yes	No	Yes
GWA-17	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWA-21	Yes	Yes	No	Yes
GWA-22	Yes	Yes	No	Yes
GWC-29	Yes	Yes	No	Yes
GWA-45	Yes	Yes	No	Yes
GWA-46	Yes	Yes	No	Yes
GWA-47	Yes	Yes	No	Yes
GWA-48	Yes	Yes	No	Yes
GWA-49	Yes	Yes	No	Yes
GWC-50	Yes	Yes	No	Yes
GWC-51	Yes	Yes	No	Yes
GWC-52	Yes	Yes	No	Yes
GWC-53	Yes	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
SGWA-1	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes
SGWA-5	No	No	Yes	Yes	No
SGWC-6	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	Yes	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-5I	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes
PZ-10S	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes
PZ-50D	Yes	Yes	Yes	Yes	Yes
PZ-51D	Yes	Yes	Yes	Yes	Yes
PZ-52	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-53	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes
GWC-34	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-43	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
SGWA-1	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-5I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-10S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-50D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-51D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-52	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-53	Yes	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-34	Yes	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWA-43	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes	Yes
GWA-46	Yes	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	No	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
SGWA-1	
SGWA-2	
SGWA-3	Overgrown vegetation around pad needs clearing
SGWA-4	
SGWA-5	Hinge of outer protective casing broken and needs replacement- well casing currently cannot close to be secured/locked
SGWC-6	
SGWC-7	
SGWC-8	
SGWC-9	
SGWC-10	
SGWC-11	
SGWC-12	
SGWC-13	
SGWC-14	
SGWC-15	
SGWC-16	
SGWC-17	
SGWC-18	
SGWC-19	
SGWC-20	
SGWC-21	
SGWC-22	
SGWC-23	
SGWA-24	
SGWA-25	
PZ-13S	
PZ-14S	
PZ-17I	
PZ-39S	Overgrown vegetation around pad needs clearing
PZ-40I	
PZ-41S	
PZ-42I	
PZ-43S	
PZ-44I	
PZ-69I	
GWC-12	
GWC-13	
PZ-2I	
PZ-3S	

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-5I	
PZ-9I	
PZ-10S	
PZ-11S	
PZ-12S	
PZ-14I	
PZ-15S	
PZ-19I	
PZ-19S	
PZ-20I	
PZ-21S	
PZ-25S	
PZ-25I	
PZ-26S	
PZ-27D	
PZ-27S	
PZ-28I	
PZ-29S	
PZ-30I	
PZ-31I	
PZ-32D	Overgrown vegetation around pad needs clearing
PZ-32S	Overgrown vegetation around pad needs clearing
PZ-33I	
PZ-34S	
PZ-35I	
PZ-36I	
PZ-36S	
PZ-37I	
PZ-38I	
PZ-45D	
PZ-46D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-47D	
PZ-48S	
PZ-49D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-49S	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-50D	
PZ-51D	
PZ-52	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-53	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-54	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-55	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-56	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-57	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-58	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-59S	
PZ-59D	
PZ-60S	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-60D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-61	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-62	
PZ-63	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-64	
PZ-65	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-66D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-66	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-67D	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-67	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
PZ-68	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
LPZ-01	
LPZ-02	
LPZ-03	Overgrown vegetation around pad needs clearing
LPZ-04	
LPZ-05	Overgrown vegetation around pad needs clearing, path to well overgrown and needs clearing
GWC-30	
GWC-31	
GWC-32	
GWC-33A	
GWC-34	
GWC-35	
GWC-36	
GWC-37	
GWC-38	
GWA-39	
GWA-40	
GWA-41	
GWA-42	

Well Inspection

Site Name: _Plant Scherer_____ Date: _7/22/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
GWA-43	
GWA-44A	
GWA-54	
GWC-1	Overgrown vegetation around pad needs clearing
GWC-2	
GWC-3	
GWC-4	
GWC-5	
GWC-6	
GWC-7	
GWC-8A	
GWC-9	
GWC-10	
GWC-11	
GWC-12	
GWC-13	
GWC-14	
GWA-15	
GWA-16	
GWA-17	
GWC-18	
GWC-19	
GWC-20	
GWA-21	
GWA-22	
GWC-29	
GWA-45	
GWA-46	
GWA-47	
GWA-48	
GWA-49	
GWC-50	
GWC-51	
GWC-52	
GWC-53	

APPENDIX C

Well Maintenance and Repair Documentation Memorandum April 2025

TECHNICAL MEMORANDUM

DATE August

TO Joju Abraham, PG
Southern Company Services

CC Ben Hodges, Georgia Power Company

FROM WSP USA Inc.

PLANT SCHERER CELL 1, CELL 3, AND PAC ASH CELL – WELL MAINTENANCE AND REPAIR DOCUMENTATION

GEORGIA POWER COMPANY

WSP USA Inc. (WSP) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Plant Scherer Cell 1, Cell 3, and PAC Ash Cell during the semi-annual reporting period. Repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Table 1: Plant Scherer Cell 1, Cell 3, and PAC Ash Cell – Well Maintenance Summary

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/Repair Performed
Scherer / Landfill	04/2025	GWC-33A	Reinforcement for erosion on southeast corner of well pad
Scherer / Landfill	04/2025	GWC-34	Cleared anthill from well pad
Scherer / Landfill	04/2025	GWC-36	Reinforcement for erosion on southeast corner of well pad
Scherer / Landfill	04/2025	GWA-39	Cracking in well pad repaired
Scherer / Landfill	04/2025	GWA-42	Cleared brush on well pad
Scherer / Landfill	04/2025	GWA-44A	Drainage control around well.
Scherer / Landfill	04/2025	GWC-13	Replaced well lock

All maintenance and repairs are also documented in the 2025 semi-annual groundwater monitoring report.

WSP
5170 Peachtree Road Building 100 Suite 300, Atlanta, Georgia, USA 30341 T: +1 770 496-1893 F: +1 770 934-9476

WSP USA Inc.

Dawn L. Prell
Technical Principal, Hydrogeologist

Rhonda N. Quinn,
PG *Senior Geologist*

Southern Company CFS
Plant Scherer April 2025 Well O&M (April 10th)

GWA-39 – Cracking in well pad repaired

Southern Company

APPENDIX C

Well Maintenance and Repair Documentation Memorandum September 2025

TECHNICAL MEMORANDUM

DATE January 28, 2026

TO Joju Abraham, PG
Southern Company Services

CC Ben Hodges, Georgia Power Company

FROM WSP USA Inc.

PLANT SCHERER CELL 1, CELL 3, AND PAC ASH CELL– WELL MAINTENANCE AND REPAIR DOCUMENTATION

GEORGIA POWER COMPANY

WSP USA Inc. (WSP) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Plant Scherer Cell 1, Cell 3, and PAC Ash Cell during the annual reporting period. Repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Table 1: Plant Scherer Cell 1, Cell 3, and PAC Ash Cell – Well Maintenance Summary

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/Repair Performed
Scherer / Landfill	09/2025	GWC-1	Cleared overgrowth from well pad.

All maintenance and repairs are also documented in the 2025 annual groundwater monitoring report.

WSP USA Inc.

Dawn L. Prell
Technical Principal, Hydrogeologist

Rhonda N. Quinn,
PG *Senior Geologist*

APPENDIX D

Historical Surface Water Monitoring Data

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-7
Sample Date		07/29/2025	07/29/2025	07/29/2025	07/29/2025	07/29/2025
ANALYTE	UNITS					
APPENDIX III						
Boron	mg/L	0.86	1.3	0.37	0.83	0.77
Calcium	mg/L	18	36	15	18	19
Chloride	mg/L	15	11	10	11	11
Fluoride	mg/L	0.33	0.22	0.24 J	0.32 J	0.53
pH, Field	SU	8.47	7.11	7.30	8.12	7.89
Sulfate	mg/L	100	160	57	79	70
TDS	mg/L	260	420	170	230	220
STATE REQUIRED INORGANICS						
Chemical Oxygen Demand	mg/L	16	< 5.9	< 5.9	NA	20
Cyanide	mg/L	< 0.0048	< 0.0048	< 0.0048	NA	< 0.0048
Organic Carbon, Total	mg/L	4.5	1.3	1.3	NA	4.4
STATE REQUIRED METALS						
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.077	0.078	0.043	0.074	0.068
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	< 0.00041	0.0043 J	0.0016 J	< 0.00041	< 0.00041
Copper	mg/L	0.0025	< 0.00064	0.00097 J	0.0023	0.0018 J
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Nickel	mg/L	0.00076 J	0.00081 J	0.00061 J	0.00079 J	0.00066 J
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Silver	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Vanadium	mg/L	0.0056	< 0.0012	0.0025 J	0.0054	0.0043 J
Zinc	mg/L	< 0.0089	< 0.089	< 0.0089	< 0.0089	< 0.0089
MAJOR IONS						
Alkalinity Total as CaCO3	mg/L	77	57	16	73	79
Bicarbonate Alkalinity as CaCO3	mg/L	77	57	16	73	79
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Magnesium	mg/L	6.9	17	7.3	6.9	7.3
Potassium	mg/L	7.4	2.5	1.8	7.3	6.4
Sodium	mg/L	64	46	20	62	57
FIELD PARAMETERS						
Oxidation Reduction Potential, Field	mV	176.1	44.5	121.0	160.0	295.8
pH, Field	SU	8.47	7.11	7.30	8.12	7.89
RDO Concentration, Field	mg/L	7.11	6.36	7.54	6.62	6.66
Specific Conductance, Field	uS/cm	518.4	553.5	256.2	487.7	475.1
Temperature, Field	deg C	32.16	27.66	24.34	31.08	29.97
Turbidity, Field	NTU	8.28	11.20	9.17	9.22	8.31

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	0.27	1.1	0.36	0.32	< 0.022	0.22	0.53
Calcium	mg/L	15	33	11	15	6.4	15	20
Chloride	mg/L	3.6	9.5 J	9.0	6.3	2.8	4.7 J	9.0
Fluoride	mg/L	< 0.080	< 0.40	< 0.20	< 0.20	< 0.040	< 0.20	< 0.040
pH, Field	SU	7.54	6.87	6.85	7.05	7.07	7.2	6.76
Sulfate	mg/L	39	180	63	57	2.8	37	99
TDS	mg/L	110	320	150	160	86	130	210
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 5.0	< 5.0	< 5.0	NA	NA	< 5.0	NA
Cyanide	mg/L	< 0.0060	< 0.0060	< 0.0060	NA	NA	< 0.0060	NA
Organic Carbon, Total	mg/L	3.7	1.4	1.1	NA	NA	2.7	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.054	0.068	0.052	0.053	0.028	0.050	0.058
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0015 J	< 0.0012	0.0013 J	0.0012 J	0.0015 J	0.0016 J	0.0013 J
Cobalt	mg/L	0.00030 J	0.0067	0.014	0.0042	0.0016 J	0.0012 J	0.0066
Copper	mg/L	0.0029	< 0.0011	0.0012 J	< 0.0011	< 0.0011	0.013	< 0.0011
Lead	mg/L	0.00028 J	< 0.00021	< 0.00021	0.00023 J	< 0.00021	0.00084 J	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0011	0.0016	0.0033	0.0012	0.00069 J	0.0011	0.0016
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0027	0.00074 J	0.00080 J	0.0016 J	0.0021	0.0023	0.0013 J
Zinc	mg/L	0.017	0.0031 J	0.011	0.0035 J	< 0.0028	0.014	0.0039 J
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	41	44	22	40	41	45	39
Bicarbonate Alkalinity as CaCO3	mg/L	41	44	22	40	41	45	39
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Magnesium	mg/L	5.3	19	7.3	8.6	3.8	6.6	11
Potassium	mg/L	2.3	1.4	1.4	1.1	0.86	1.6	1.2
Sodium	mg/L	11	39	19	16	5.4	12	23
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	95.54	20.51	72.34	52.02	65.64	67.19	48.75
pH, Field	SU	7.54	6.87	6.85	7.05	7.07	7.2	6.76
RDO Concentration, Field	mg/L	9.1	8.72	9.02	9.27	10.05	10.55	8.67
Specific Conductance, Field	uS/cm	178.8	513.0	235.5	238.1	90.54	197.5	318.5
Temperature, Field	deg C	12.59	12.67	11.52	13.32	12.11	11.53	12.44
Turbidity, Field	NTU	20.2	6.71	9.3	24	23.8	24.1	12.9

Notes:

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	1.8	0.44	0.65	< 0.022	0.50	1.2
Calcium	mg/L	50	16	27	13	26	36
Chloride	mg/L	14	11	8.6	2.4	8.6	1.2
Fluoride	mg/L	< 0.40	< 0.20	< 0.20	< 0.040	< 0.20	< 0.040
pH, Field	SU	7.46	7.51	7.31	7.62	7.66	7.03
Sulfate	mg/L	280	57	100	0.85 J	69	16
TDS	mg/L	500	170	250	110	220	340
STATE REQUIRED INORGANICS							
Chemical Oxygen Demand	mg/L	9.0 J	< 5.0	NA	NA	< 5.0	NA
Cyanide	mg/L	< 0.0060	< 0.0060	NA	NA	< 0.0060	NA
Organic Carbon, Total	mg/L	1.4	0.79 J	NA	NA	1.7	NA
STATE REQUIRED METALS							
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.079	0.038	0.048	0.021	0.055	0.065
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	0.0015 J	< 0.0012	0.0016 J	< 0.0012	< 0.0012
Cobalt	mg/L	0.0031	0.0016 J	0.00078 J	0.00032 J	0.00027 J	0.0017 J
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0010	0.00073 J	< 0.00042	0.00056 J	0.00048 J	0.00070 J
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	< 0.00063	0.0016 J	0.00082 J	0.0046	0.0020	0.00069 J
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028
MAJOR IONS							
Alkalinity Total as CaCO3	mg/L	57	51	74	97	90	63
Bicarbonate Alkalinity as CaCO3	mg/L	57	51	74	97	90	63
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	26	9.1	14	6.6	13	19
Potassium	mg/L	1.9	1.4	1.5	1.4	2.0	1.8
Sodium	mg/L	62	21	27	7.5	23	43
FIELD PARAMETERS							
Oxidation Reduction Potential, Field	mV	0.41	-5.43	31.27	51.91	54.47	15.38
pH, Field	SU	7.46	7.51	7.31	7.62	7.66	7.03
RDO Concentration, Field	mg/L	7.28	7.85	7.12	7.52	6.58	6.47
Specific Conductance, Field	uS/cm	703.19	252.38	366.15	137.38	334.28	490.01
Temperature, Field	deg C	27.64	24.83	23.76	24.53	24.77	24.87
Turbidity, Field	NTU	3.29	13.6	3.77	549	6.99	3.77

Notes:

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8	SWA-2
Sample Date		02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/26/2024
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	0.23	0.47	0.57	0.028 J	0.37	0.93	1.2
Calcium	mg/L	15	14	24	11	22	28	37
Chloride	mg/L	4.7	13	9.4	3.0	7.4	12	14
Fluoride	mg/L	< 0.40	< 0.40	< 0.40	< 0.20	< 0.40	< 0.40	< 1.0
pH, Field	SU	7.8	7.09	7.56	7.67	7.83	7.19	7.07
Sulfate	mg/L	42	79	96	1.3	61	140	230
TDS	mg/L	120	160	200	85	160	240	380
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	16	< 5.0	NA	NA	7.9 J	NA	< 5.0
Cyanide	mg/L	0.0066 J	0.0079 J	NA	NA	0.0082 J	NA	0.0077 J
Organic Carbon, Total	mg/L	4.7	0.78 J	NA	NA	2.6	NA	1.1
STATE REQUIRED METALS								
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.050	0.047	0.070	0.028	0.059	0.064	0.069
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0014 J	0.0012 J	0.0017 J	0.0017 J	0.0013 J	< 0.0012	< 0.0012
Cobalt	mg/L	0.00022 J	0.0048	0.0047	0.0018 J	0.00043 J	0.0046	0.0054
Copper	mg/L	0.0033	< 0.0011	0.0017 J	< 0.0011	0.0016 J	< 0.0011	< 0.0011
Lead	mg/L	0.00026 J	0.00024 J	0.00042 J	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0014	0.0011	0.0013	0.00074 J	0.00082 J	0.0011	0.0010
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0029	< 0.00063	0.0039	0.0023	0.0022	0.00067 J	0.00077 J
Zinc	mg/L	0.0075	< 0.0028	0.0037 J	< 0.0028	< 0.0028	< 0.0028	< 0.0028
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	52	35	60	62	63	50	50
Bicarbonate Alkalinity as CaCO3	mg/L	52	35	60	62	63	50	50
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	5.8	9.1	13	6.0	11	16	21
Potassium	mg/L	2.3	1.4	1.3	1.1	2.1	1.4	1.2
Sodium	mg/L	13	26	27	7.3	21	37	48
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	77.29	22.77	14.35	39.8	46.1	14.41	-3.04
pH, Field	SU	7.8	7.09	7.56	7.67	7.83	7.19	7.07
RDO Concentration, Field	mg/L	8.97	9.12	9.73	10.27	10.29	8.88	7.88
Specific Conductance, Field	uS/cm	179.9	254.79	319.83	106.96	249.23	397.38	619.18
Temperature, Field	deg C	10.55	13.23	13.66	11.59	12.15	13.66	18.21
Turbidity, Field	NTU	9.49	5.2	5.84	7.39	7.22	4.56	3.75

Notes:

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		08/09/2023	08/09/2023	08/09/2023	08/09/2023	08/09/2023	08/09/2023
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	2.3	0.60	1.1	0.057 J	0.44	1.7
Calcium	mg/L	55	15	35	11	17	43
Chloride	mg/L	11	11	8.5	2.3	4.2	10
Fluoride	mg/L	0.11	0.043 J	0.092 J	0.095 J	0.18	0.096 J
pH, Field	SU	7.37	7.55	7.56	7.88	8.04	7.38
Sulfate	mg/L	290	73	170	0.72 J	48	220
TDS	mg/L	480	180	290	93	130	370
STATE REQUIRED INORGANICS							
Chemical Oxygen Demand	mg/L	< 5.0	< 5.0	NA	NA	< 5.0	NA
Cyanide	mg/L	0.0026 J	0.0034 J	NA	NA	< 0.0025	NA
Organic Carbon, Total	mg/L	1.4	0.73 J	NA	NA	3.1	NA
STATE REQUIRED METALS							
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.086	0.038	0.060	0.024	0.048	0.074
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	0.0023	< 0.0012	0.0020	< 0.0012	< 0.0012
Cobalt	mg/L	0.0033	0.0016 J	0.00093 J	0.00044 J	0.00023 J	0.0021 J
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0021	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	0.00028 J	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0012	0.00077 J	0.00045 J	< 0.00042	0.00056 J	0.00068 J
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	< 0.00063	0.0013 J	0.0014 J	0.0027	0.0026	< 0.00063
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028
MAJOR IONS							
Alkalinity Total as CaCO3	mg/L	60	38	61	63	60	58
Bicarbonate Alkalinity as CaCO3	mg/L	60	38	61	63	60	58
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	29	8.6	19	5.8	7.7	22
Potassium	mg/L	2.7	1.7	2.0	1.3	2.4	2.4
Sodium	mg/L	49	24	32	6.8	16	38
FIELD PARAMETERS							
Oxidation Reduction Potential, Field	mV	54.49	56.50	104.55	31.76	69.45	72.52
pH, Field	SU	7.37	7.55	7.56	7.88	8.04	7.38
RDO Concentration, Field	mg/L	6.38	7.48	6.32	6.40	6.60	6.15
Specific Conductance, Field	uS/cm	723.25	287.61	457.13	122.50	240.74	564.01
Temperature, Field	deg C	27.52	27.92	29.66	29.42	28.97	28.30
Turbidity, Field	NTU	3.59	5.30	1.6	11.2	5.75	2.88

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
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< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.46	1.3	0.68	0.68	0.15	< 0.060	0.54	0.87
Calcium	mg/L	22	43	15	25	41	10	23	26
Chloride	mg/L	7.3	12	12	8.3	13	2.6	7.9	11
Fluoride	mg/L	0.20	0.063 J	0.043 J	0.060 J	0.39	0.070 J	0.20	0.059 J
pH, Field	SU	7.35	6.96	6.99	7.39	7.08	7.71	7.90	6.98
Sulfate	mg/L	65	210	86	88	64	2.1	68	130
TDS	mg/L	170	400	190	220	250	89	190	280
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	< 9.1	NA	NA	NA	< 9.1	NA
Cyanide	mg/L	< 0.0080	< 0.0080	< 0.0080	NA	NA	NA	< 0.0080	NA
Organic Carbon, Total	mg/L	5.8	1.7	0.88 J	NA	NA	NA	2.6	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097
Arsenic	mg/L	0.00066 J	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.00041 J	< 0.00028
Barium	mg/L	0.066	0.082	0.052	0.055	0.041	0.024	0.051	0.066
Beryllium	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0018 J	< 0.0015	< 0.0015	0.0020
Cobalt	mg/L	< 0.00026	0.0069	0.0049	0.0017 J	< 0.00026	0.00091 J	0.00027 J	0.0052
Copper	mg/L	0.0034	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0016 J	0.0016 J
Lead	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00090 J	0.0011	0.0011	0.00062 J	0.00079 J	0.00052 J	< 0.00052	0.0010
Selenium	mg/L	0.0014 J	< 0.00074	< 0.00074	< 0.00074	0.0020 J	< 0.00074	0.00079 J	< 0.00074
Silver	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Thallium	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
Vanadium	mg/L	0.0031	0.00091 J	0.0011	0.0013	0.0052	0.0028	0.0024	0.0062
Zinc	mg/L	0.0084 J	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	0.0075 J	< 0.0060
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	61	60	36	62	100	61	74	55
Bicarbonate Alkalinity as CaCO3	mg/L	61	60	36	62	100	61	74	55
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	9.3	24	10	13	13	5.4	11	14
Potassium	mg/L	3.4	1.5	1.6	1.3	2.9	1.1	2.0	1.4
Sodium	mg/L	24	54	31	29	9.9	6.4	22	33
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	65.98	10.5	32.20	12.60	40.38	14.77	45.50	18.20
pH, Field	SU	7.35	6.96	6.99	7.39	7.08	7.71	7.90	6.98
RDO Concentration, Field	mg/L	7.35	8.03	8.19	8.40	6.00	8.12	9.44	8.10
Specific Conductance, Field	uS/cm	262.97	547.52	276.67	308.56	337.75	100.17	270.66	342
Temperature, Field	deg C	19.30	17.7	16.54	19.03	21.46	24.38	22.00	16.39
Turbidity, Field	NTU	9.11	6.47	12.7	47.4	15.5	9.40	14.4	34.1

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-3	SWC-8	SWA-1	SWA-2	SWC-4	SWC-5	SWC-6	SWC-7	SWA-3	SWC-8
Sample Date		11/16/2022	11/16/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/25/2022	10/25/2022
ANALYTE	UNITS										
APPENDIX III											
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.50	6.59	9	7.33	7.45	7.17	7.41	7.48	6.86	6.93
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	250	280	310	450	240	180	110	230	150 H	310 H
STATE REQUIRED INORGANICS											
Chemical Oxygen Demand	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organic Carbon, Total	mg/L	NA	NA	4.7	2.0	NA	NA	NA	3.3	1.2	NA
STATE REQUIRED METALS											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAJOR IONS											
Alkalinity Total as CaCO3	mg/L	NA	NA	73	55	63	100	NA	NA	43	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	49	55	63	100	NA	NA	43	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	25	< 5.0	< 5.0	< 5.0	NA	NA	< 5.0	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS											
Oxidation Reduction Potential, Field	mV	109.55	70.98	22.2	209.48	15	-16.58	34.24	35.18	48.88	19.08
pH, Field	SU	6.50	6.59	9	7.33	7.45	7.17	7.41	7.48	6.86	6.93
RDO Concentration, Field	mg/L	10.52	10.32	11.85	11.95	10.09	3.65	8.16	9.64	7.28	6.67
Specific Conductance, Field	uS/cm	410.18	424.52	499.67	981.85	355.83	284.27	139.03	376.62	250	446.92
Temperature, Field	deg C	13.98	13.81	25.94	17.42	17.86	17.65	18.32	17.07	21.51	18.53
Turbidity, Field	NTU	3.55	14.7	5.76	5.76	4.27	53.4	4.78	3.54	2.33	4.12

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.13	1.4	0.62	0.62	0.080	< 0.060	0.40	0.89
Calcium	mg/L	26	40	14	26	31	11	26	29
Chloride	mg/L	33	13	11	9.2	9.0	2.5	32	11
Fluoride	mg/L	0.64	0.070 J	0.047 J	0.060 J	0.31	0.12	0.58	0.061 J
pH, Field	SU	7.89	7.29	7.23	7.71	7.27	7.97	8.09	7.31
Sulfate	mg/L	120	220	66	100	26	1.3	120	140
TDS	mg/L	370 H	460 H	180 H	270 H	210 H	100 H	370 H	330 H
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	30	< 9.1	< 9.1	NA	NA	NA	20	NA
Cyanide	mg/L	< 0.0080	< 0.0080	< 0.0080	NA	NA	NA	< 0.0080	NA
Organic Carbon, Total	mg/L	8.3 H	1.8 H	0.91 J,H	NA	NA	NA	7.1 H	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
Arsenic	mg/L	0.0012	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.0010	< 0.00028
Barium	mg/L	0.099	0.076	0.042	0.050	0.029	0.024	0.10	0.064
Beryllium	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Cobalt	mg/L	< 0.00026	0.0053	0.0032	0.0013 J	0.00048 J	0.00089 J	0.00043 J	0.0038
Copper	mg/L	0.0055	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0063	< 0.0011
Lead	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.012	0.0011	0.0011	0.00068 J	0.00087 J	0.0014	0.0038	0.00074 J
Selenium	mg/L	0.0017 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	0.0014 J	< 0.00074
Silver	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Thallium	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
Vanadium	mg/L	0.0040	0.00083 J	0.0019	0.0015	0.0020	0.0029	0.0052	0.0015
Zinc	mg/L	0.0035 J	< 0.0029	0.0033 J	< 0.0029	< 0.0029	0.0063	0.0051	0.0096
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	93 H	59 H	37 H	64 H	110 H	62	91	60
Bicarbonate Alkalinity as CaCO3	mg/L	93 H	59 H	37 H	64 H	110 H	62	91	60
Carbonate Alkalinity as CaCO3	mg/L	< 5.0 H	< 5.0 H	< 5.0 H	< 5.0 H	< 5.0 H	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	14	22	8.9	14	10	5.7	15	16
Potassium	mg/L	11	1.6	1.5	1.4	2.6	1.0	11	1.4
Sodium	mg/L	62	47	23	27	8.9	6.3	63	34
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	99.4	12.48	17.35	80.44	52.31	25.66	51.86	28.69
pH, Field	SU	7.89	7.29	7.23	7.71	7.27	7.97	8.09	7.31
RDO Concentration, Field	mg/L	7.15	7.3	7.37	7.34	4.18	7.68	7.08	6.76
Specific Conductance, Field	uS/cm	618.55	648.15	281.25	407.73	314.71	142.55	589.44	472
Temperature, Field	deg C	27.34	25.44	25.74	24.96	25.07	25.27	28.44	26.63
Turbidity, Field	NTU	4.68	4.37	5.35	3.6	1.06	6.67	2.99	3.95

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.29	1.1	0.76	0.63	0.091	< 0.060	0.38	0.82	0.064 J
Calcium	mg/L	19	33	14	20	38	8.5	19	24	9.9
Chloride	mg/L	11	10	12	9.0	13	3.0	7.8	10	3.3
Fluoride	mg/L	0.33	0.076 J	0.055 J	0.067 J	0.29	0.086 J	0.12	0.059 J	0.12
pH, Field	SU	7.82	7.02	6.98	7.29	7.15	7.42	7.39	7.05	7.15
Sulfate	mg/L	72	170	110	98	55	1.4	69	140	2.7
TDS	mg/L	170	340	200	200	230	66	190	250	80
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	16	< 9.1	< 9.1	NA	NA	NA	< 9.1	NA	NA
Cyanide	mg/L	< 0.0080	0.011	< 0.0080	NA	NA	NA	< 0.0080	NA	NA
Organic Carbon, Total	mg/L	5.4	1.4	0.77 J	NA	NA	NA	2.4	NA	NA
STATE REQUIRED METALS										
Antimony	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
Arsenic	mg/L	0.00036 J	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
Barium	mg/L	0.060	0.063	0.045	0.053	0.045	0.033	0.057	0.058	0.020
Beryllium	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0015 J	< 0.0015	0.0020	< 0.0015	0.0060
Cobalt	mg/L	< 0.00026	0.0060	0.014	0.0041	< 0.00026	0.0037	0.0016 J	0.0076	< 0.00026
Copper	mg/L	0.0033	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0017 J	< 0.0011	< 0.0011
Lead	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00017 J	< 0.00017	0.00025 J
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00095 J	0.00097 J	0.0026	0.00092 J	< 0.00052	< 0.00052	0.0010	0.0013	< 0.00052
Selenium	mg/L	0.00081 J	< 0.00074	< 0.00074	< 0.00074	0.0029 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074
Silver	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Thallium	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
Vanadium	mg/L	0.0033	< 0.00078	< 0.00078	0.0012	0.0026	0.0014	0.0044	< 0.00078	0.0072
Zinc	mg/L	0.0054	< 0.0029	0.0062	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	51	56	22	50	93	55	61	43	55
Bicarbonate Alkalinity as CaCO3	mg/L	51	56	22	50	93	55	61	43	55
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	8.1	20	11	12	13	5.1	10	14	4.8
Potassium	mg/L	3.5	1.1	1.7	1.1	2.8	0.84	1.7	1.2	1.4
Sodium	mg/L	23	42	33	27	9.9	5.9	21	34	6.0
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	94.2	20	29.7	61.1	56.4	44.5	62.6	34.5	52.4
pH, Field	SU	7.82	7.02	6.98	7.29	7.15	7.42	7.39	7.05	7.15
RDO Concentration, Field	mg/L	11.55	9.49	9.88	10.94	10.04	10.62	11.22	10.04	9.1
Specific Conductance, Field	uS/cm	281.96	505.83	337.46	329.44	355.4	111.19	281.87	409.56	117.86
Temperature, Field	deg C	8.66	15.43	14.17	9.36	10.69	11.95	11.84	14.72	15.71
Turbidity, Field	NTU	13.2	6.16	2.48	7.33	0.88	7.74	19.8	3.58	4.5

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	1.6	0.51	0.75	0.048 J	< 0.039	0.52	1.1	< 0.039
Calcium	mg/L	46	13	28	31	12	22	33	9.7
Chloride	mg/L	13	12	9.3	11	2.9	6.7	12	2.8
Fluoride	mg/L	0.064 J	0.053 J	0.073 J	0.26	0.087 J	0.14	0.061 J	0.099 J
pH, Field	SU	7.07	7.23	7.33	7	7.63	7.49	7.3	7.04
Sulfate	mg/L	270	64	120	31	1	58	180	2.7
TDS	mg/L	500	180	280	200	120	180	360	98
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	NA	NA	NA	< 9.1	NA	NA
Cyanide	mg/L	0.016	< 0.008	NA	NA	NA	< 0.008	NA	NA
Organic Carbon, Total	mg/L	1.4	0.91 J	NA	NA	NA	3.3	NA	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	0.00032 J	0.00033 J	< 0.00031	< 0.00031
Barium	mg/L	0.093	0.038	0.062	0.036	0.023	0.056	0.069	0.02
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0057
Cobalt	mg/L	0.0064	0.0022 J	0.0017 J	0.00063 J	0.0012 J	0.00039 J	0.0032	< 0.00013
Copper	mg/L	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063	0.0014 J	< 0.00063	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.0014	0.00071 J	0.00075 J	0.00048 J	0.0004 J	0.00056 J	0.00087 J	0.0005 J
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.00099	0.0012	0.0021	0.0022	0.0027	0.003	0.001	0.0072
Zinc	mg/L	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	181.7	213.6	263.7	198.1	370.5	415.3	289.9	359.3
pH, Field	SU	7.07	7.23	7.33	7	7.63	7.49	7.3	7.04
RDO Concentration, Field	mg/L	7.1	7.45	7.38	4.52	7.83	6.72	7.23	8.41
Specific Conductance, Field	uS/cm	706.2	263.8	418.4	355	151.6	287.8	528.3	125.6
Temperature, Field	deg C	25.32	25.28	24.48	24.8	24.88	26.88	26.37	23.3
Turbidity, Field	NTU	4.44	3.99	1.5	1.56	10.02	3.49	3.31	0.32

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.31	0.98	0.53	0.54	< 0.039	0.35	0.78	< 0.039
Calcium	mg/L	18	37	14	22	10	21	27	10
Chloride	mg/L	3.6	11	11	8	2.6	6.8	11	2.4
Fluoride	mg/L	0.18	0.052 J	0.039 J	0.067 J	0.093 J	0.085 J	0.031 J	0.076 J
pH, Field	SU	7.47	6.99	6.97	7.5	7.73	7.51	7.17	6.71
Sulfate	mg/L	44	190	90	90	0.98 J	60	140	2.3
TDS	mg/L	110	340	160	200	83	150	250	85
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	< 9.1	NA	NA	< 9.1	NA	NA
Cyanide	mg/L	< 0.008	< 0.008	< 0.008	NA	NA	< 0.008	NA	NA
Organic Carbon, Total	mg/L	4.5	1.4	0.88 J	NA	NA	1.9	NA	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	0.00041 J	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031
Barium	mg/L	0.051	0.071	0.047	0.048	0.029	0.049	0.062	0.019
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	0.00022 J	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.006
Cobalt	mg/L	0.00014 J	0.007	0.0054	0.0025	0.0029	0.0011 J	0.0056	0.00027 J
Copper	mg/L	0.0033	< 0.00063	< 0.00063	< 0.00063	< 0.00063	0.00085 J	< 0.00063	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	< 0.00013	0.00018 J	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00075 J	0.0011	0.0013	0.00076 J	0.00051 J	0.00056 J	0.00091 J	< 0.00034
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	0.00037 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	0.0028	0.0013	0.0018	0.0011	0.0017	0.0014	< 0.00099	0.0062
Zinc	mg/L	< 0.0032	< 0.0032	0.0035 J	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	79.5	40.4	54.1	73.2	71.2	79.3	61.3	82
pH, Field	SU	7.47	6.99	6.97	7.5	7.73	7.51	7.17	6.71
RDO Concentration, Field	mg/L	10.81	7.45	7.97	9.19	9.12	9.83	8.26	7.83
Specific Conductance, Field	uS/cm	218.71	562.67	296.44	331.3	137.85	268.92	426.74	120.95
Temperature, Field	deg C	25.56	22.98	23.83	21.02	21.5	22.43	24.06	20.99
Turbidity, Field	NTU	2.26	5.15	3.49	5.7	12.19	6.78	5.58	0.9

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.34	1.5	0.48	0.7	0.056 J	< 0.039	0.33	1.1	0.043 J
Calcium	mg/L	20	45	13	27	35	13	21	32	9.7
Chloride	mg/L	11	12	10	10	14	3.2	12	12	3.2
Fluoride	mg/L	0.16	0.042 J	< 0.026	0.035 J	0.15	0.061 J	0.18	0.043 J	0.079 J
pH, Field	SU	7.17	7.09	7.37	7.33	7.31	7.5	7.39	7.36	7.29
Sulfate	mg/L	62	220	69	120	44	0.73 J	67	170	5.3
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	10	< 4.1	< 4.1	NA	NA	NA	44	NA	NA
Cyanide	mg/L	< 0.0044	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA	NA
Organic Carbon, Total	mg/L	3.2	1.4	0.69 J	NA	NA	NA	3.1	NA	NA
STATE REQUIRED METALS										
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	0.00042 J	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	0.0007 J	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	0.00063 J	< 0.00031	< 0.00031
Barium	mg/L	0.075	0.09	0.044	0.071	0.04	0.038	0.071	0.073	0.023
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	0.0022	0.0023	< 0.0015	< 0.0015	< 0.0015	0.0053
Cobalt	mg/L	< 0.00013	0.0059	0.003	0.003	0.0012 J	0.0028	0.00035 J	0.0032	< 0.00013
Copper	mg/L	0.002	< 0.00063	< 0.00063	0.0012 J	0.0012 J	< 0.00063	0.0019 J	< 0.00063	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	< 0.00013	0.0005 J	0.0005 J	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00068 J	0.00093 J	0.00091 J	0.0011	0.00099 J	0.00057 J	0.00096 J	0.00077 J	0.00051 J
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0019 J	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	0.004	0.0013	0.0025	0.0068	0.0076	0.0029	0.0042	0.0019	0.0076
Zinc	mg/L	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	115.2	34.2	44.7	87.6	68.5	56.7	71.3	60.5	57.7
pH, Field	SU	7.17	7.09	7.37	7.33	7.31	7.5	7.39	7.36	7.29
RDO Concentration, Field	mg/L	6.79	6.94	7.73	7.47	4.88	7.7	7.49	7.58	8.09
Specific Conductance, Field	uS/cm	323.39	656.87	263.16	421.07	343.04	157.24	320.91	508.04	123.72
Temperature, Field	deg C	26.69	22.31	21.9	23.43	22.75	22.7	24.52	22.48	21.43
Turbidity, Field	NTU	2.19	3.43	6.58	9.25	24	12.4	5.19	4.45	0.97

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

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Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWA-1	SWA-2
Sample Date		03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	02/17/2020	02/17/2020
ANALYTE	UNITS										
APPENDIX III											
Boron	mg/L	0.3	0.57	0.58	0.52	0.077 J	< 0.039	0.29	0.66	NA	NA
Calcium	mg/L	18	13	13	20	50	11	18	23	NA	NA
Chloride	mg/L	3.5	10	11	7.6	22	2.4	5.4	9.5	NA	NA
Fluoride	mg/L	0.048 J	< 0.026	< 0.026	< 0.026	0.14	< 0.026	0.039 J	< 0.026	NA	NA
pH, Field	SU	7.98	6.8	6.96	7.24	7.23	7.38	7.41	6.77	9.08	7.81
Sulfate	mg/L	41	86	91	89	86	1.2	50	120	NA	NA
TDS	mg/L	120	200	200	220	300	100	160	270	NA	NA
STATE REQUIRED INORGANICS											
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	< 9.1	NA	NA	NA	17	NA	NA	NA
Cyanide	mg/L	< 0.0044 H	< 0.0044 H	< 0.0044	NA	NA	NA	< 0.0044	NA	NA	NA
Organic Carbon, Total	mg/L	3.4	1	1	NA	NA	NA	1.8	NA	NA	NA
STATE REQUIRED METALS											
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	NA	NA
Arsenic	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	NA	NA
Barium	mg/L	0.036	0.041	0.042	0.044	0.036	0.032	0.045	0.052	NA	NA
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	NA	NA
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	NA	NA
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0028	< 0.0015	< 0.0015	< 0.0015	< 0.0010	0.026
Cobalt	mg/L	0.00014 J	0.0031	0.0038	0.0013 J	0.00045 J	0.0028	0.0013 J	0.0031	NA	NA
Copper	mg/L	0.0028	< 0.00063	0.0013 J	0.0025	< 0.00063	< 0.00063	0.0014 J	< 0.00063	NA	NA
Lead	mg/L	< 0.00013	< 0.00013	0.00013 J	0.00029 J	< 0.00013	< 0.00013	0.00025 J	< 0.00013	NA	NA
Mercury	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA
Nickel	mg/L	0.00065 J	0.0014	0.0018	0.00064 J	0.00068 J	0.00039 J	0.0009 J	0.00087 J	NA	NA
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0056	< 0.0015	< 0.0015	< 0.0015	NA	NA
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	NA	NA
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	NA	NA
Vanadium	mg/L	0.0029	0.0011	0.0023	0.0019	0.0045	0.0024	0.004	0.0013	NA	NA
Zinc	mg/L	0.0032 J	0.0039 J	0.005	< 0.0032	0.0042 J	< 0.0032	< 0.0032	< 0.0032	NA	NA
MAJOR IONS											
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS											
Oxidation Reduction Potential, Field	mV	130	83.5	87.65	95.4	108.1	71.5	87.4	76.1	76.66	174.79
pH, Field	SU	7.98	6.8	6.96	7.24	7.23	7.38	7.41	6.77	9.08	7.81
RDO Concentration, Field	mg/L	8.61	8.8	8.6	8.35	10.1	8.87	9.16	7.99	13.49	10.77
Specific Conductance, Field	uS/cm	247.1	268.3	275.7	298	438.5	120.9	227.3	356.2	290.61	802.50
Temperature, Field	deg C	24.67	19.5	19.79	20.22	21.73	19.75	19.39	20.15	8.37	8.26
Turbidity, Field	NTU	5	5.07	4.62	4.93	4.59	11.2	6.18	4.16	5.13	5.43

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		11/05/2019	11/05/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	NA	NA	2.1	0.38	0.58	0.057	< 0.039	0.43	1.1
Calcium	mg/L	NA	NA	62	15	25	33	15	25	34
Chloride	mg/L	NA	NA	10	8.5	5.4	9.9	1.9	6.0	8.4
Fluoride	mg/L	NA	NA	0.054 J	0.033 J	0.049 J	0.13	0.063 J	0.13	0.050 J
pH, Field	SU	9.08	8.74	7.24	7.48	7.50	7.26	7.57	7.47	7.29
Sulfate	mg/L	NA	NA	390	48	77	38	0.82 J	65	170
TDS	mg/L	NA	NA	620	110	250	250	100	220	370
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	NA	NA	32	22	NA	NA	NA	< 9.1	NA
Cyanide	mg/L	NA	NA	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA
Organic Carbon, Total	mg/L	NA	NA	1.8	0.89 J	NA	NA	NA	2.1	NA
STATE REQUIRED METALS										
Antimony	mg/L	NA	NA	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	NA	NA	< 0.00032	< 0.00032	< 0.00032	< 0.00032	< 0.00032	0.00049 J	< 0.00032
Barium	mg/L	NA	NA	0.094	0.036	0.046	0.045	0.023	0.059	0.063
Beryllium	mg/L	NA	NA	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	NA	NA	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Chromium	mg/L	NA	NA	< 0.0015	0.0020 J	< 0.0015	0.0037	0.0024 J	< 0.0015	0.0015 J
Cobalt	mg/L	0.0001 J	0.00012 J	0.0018 J	0.00083 J	0.00064 J	0.0014 J	0.00067 J	0.00046 J	0.0014 J
Copper	mg/L	NA	NA	< 0.00063	< 0.00063	< 0.00063	0.0012 J	< 0.00063	0.0010 J	< 0.00063
Lead	mg/L	NA	NA	< 0.00013	< 0.00013	< 0.00013	0.00024 J	< 0.00013	0.00014 J	< 0.00013
Mercury	mg/L	NA	NA	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Nickel	mg/L	NA	NA	0.00064 J	0.00068 J	< 0.00034	0.00055 J	< 0.00034	0.00050 J	0.00042 J
Selenium	mg/L	NA	NA	< 0.0015	< 0.0015	< 0.0015	0.0024 J	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	NA	NA	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	NA	NA	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00020 J	0.00023 J
Vanadium	mg/L	NA	NA	< 0.00099	0.0017	0.0018	0.0076	0.0032	0.0034	0.0014
Zinc	mg/L	NA	NA	0.0043 J	0.0054	0.0047 J	0.0047 J	0.0042 J	0.0037 J	0.0037 J
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	113.48	99.26	86.1	72.9	131	84.4	64.6	86.9	81.1
pH, Field	SU	9.08	8.74	7.24	7.48	7.50	7.26	7.57	7.47	7.29
RDO Concentration, Field	mg/L	9.74	8.51	7.2	7.66	7.42	5.74	8.24	6.56	6.53
Specific Conductance, Field	uS/cm	375.17	739.54	886.8	235.7	380.8	315.7	156.5	326.7	520.6
Temperature, Field	deg C	21.11	19.50	24.58	23.88	24.15	22.95	23.01	24.24	24.05
Turbidity, Field	NTU	4.38	3.73	1.21	2.47	1.68	12.9	21.7	4.62	2.79

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		04/01/2019	04/01/2019	04/01/2019	04/01/2019	04/01/2019	04/01/2019	04/01/2019
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	1.2	0.59	0.63	0.061	< 0.021	0.51	0.87
Calcium	mg/L	35	13	22	37	10	23	26
Chloride	mg/L	12	10	8.1	16	2.3	8.7	9.9
Fluoride	mg/L	0.028 J	< 0.026	< 0.026	0.12 J	0.037 J	0.081 J	< 0.026
pH, Field	SU	6.77	7.07	7.2	6.8	7.42	7.37	7.12
Sulfate	mg/L	200	88	110	63	1.3	87	140
TDS	mg/L	400	210	250	260	100	230	300
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	19	15	NA	NA	NA	< 9.1	NA
Cyanide	mg/L	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA
Organic Carbon, Total	mg/L	1.4	0.67 J	NA	NA	NA	1.7	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	0.0010 J	0.0011 J	0.00081 J
Barium	mg/L	0.070	0.044	0.051	0.032	0.032	0.058	0.061
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	0.0035	0.0013 J	< 0.0011	< 0.0011
Cobalt	mg/L	0.0054	0.0041	0.0020 J	< 0.00040	0.0032	0.00043 J	0.0049
Copper	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0023 J	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	< 0.00071	< 0.00071	< 0.00071	0.0035	< 0.00071	< 0.00071	< 0.00071
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0030	0.0037	0.0044	0.0087	0.0081	0.0072	0.0056
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	89.1	82.2	90.6	101	72	94	96
pH, Field	SU	6.77	7.07	7.2	6.8	7.42	7.37	7.12
RDO Concentration, Field	mg/L	8.82	9.48	9.51	12.55	9.52	11.03	9.11
Specific Conductance, Field	uS/cm	552.32	279.37	349.39	367.62	123.2	323.11	425.62
Temperature, Field	deg C	17.32	17.54	16.4	19.86	17.22	15.94	17.76
Turbidity, Field	NTU	3.6	2.8	3.26	1.09	11.6	3.64	3.81

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/04/2018	10/04/2018	10/04/2018	10/04/2018	10/04/2018	10/04/2018	10/04/2018
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	1.7	0.40	0.75	0.043 J	< 0.021	0.58	1.2
Calcium	mg/L	45	13	26	29	13	26	32
Chloride	mg/L	10	10	7.9	9.6	2.5	9.6	10
Fluoride	mg/L	< 0.082	< 0.082	< 0.082	0.22	0.089 J	0.16 J	< 0.082
pH, Field	SU	7.13	7.24	7.17	7.02	7.70	7.64	7.15
Sulfate	mg/L	270	56	120	32	< 0.70	82	180
TDS	mg/L	530	180	300	190	94	280	360
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	10	NA
Cyanide	mg/L	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	1.4	0.83 J	NA	NA	NA	2.0	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	< 0.00046	0.00079 J	0.0012 J	0.0015	0.0017	0.0012 J	0.0013
Barium	mg/L	0.077	0.038	0.053	0.036	0.017	0.065	0.067
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	0.0011 J	< 0.0011	0.0016 J	0.0019 J	< 0.0011	< 0.0011
Cobalt	mg/L	0.0039	0.0022 J	0.00074 J	0.00044 J	0.0012 J	< 0.00040	0.0021 J
Copper	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.000070	< 0.000070	0.000082 J	0.000073 J	< 0.000070	< 0.000070	0.000071 J
Nickel	mg/L	< 0.0018	0.0029	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.00040 J	0.00029 J	< 0.00024	0.0012 J	< 0.00024	0.00047 J	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0020 J	0.0040	0.0053	0.0082	0.0083	0.0058	0.0050
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	43.48	89.09	146.77	59.94	131.64	126.47	56.25
pH, Field	SU	7.13	7.24	7.17	7.02	7.70	7.64	7.15
RDO Concentration, Field	mg/L	7.1	7.32	7.45	4.41	7.98	6.87	7.49
Specific Conductance, Field	uS/cm	704.79	242.6	428.81	289.57	156.81	379.4	516.74
Temperature, Field	deg C	24.55	21.84	21.81	21.53	23.28	24.49	22.42
Turbidity, Field	NTU	3.32	3.26	2.94	2.45	13.4	2.22	3.02

Notes:

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.39	0.95	0.56	0.47	0.072	< 0.021	0.35	0.67
Calcium	mg/L	24	34	14	19	37	11	23	24
Chloride	mg/L	4.1	9.1	10	6.8	11	2.7	6.1	8.5
Fluoride	mg/L	0.15 J	< 0.082	< 0.082	< 0.082	0.21	< 0.082	< 0.082	< 0.082
pH, Field	SU	6.73	6.76	6.95	7.07	6.93	7.34	7.27	7.12
Sulfate	mg/L	78	180	93	80	53	1.1	61	100
TDS	mg/L	210	360	210	210	230	100	290	250
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	18	10	12	NA	NA	NA	8.0 J	NA
Cyanide	mg/L	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	3.3	1.3	0.88 J	NA	NA	NA	1.7	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.063	0.068	0.048	0.053	0.040	0.025	0.058	0.060
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0030	0.0014 J	< 0.0011	< 0.0011
Cobalt	mg/L	< 0.00040	0.0064	0.0052	0.0025	< 0.00040	0.0027	0.00092 J	0.0050
Copper	mg/L	0.0037	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	0.00011 J	0.000097 J	0.00010 J	0.00010 J	< 0.000070	< 0.000070	0.00010 J	< 0.000070
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.0012 J	0.00048 J	< 0.00024	< 0.00024	0.0026	0.00032 J	< 0.00024	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	0.00028 J	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0033	< 0.0014	< 0.0014	0.0017 J	0.0038	0.0026	0.0022 J	< 0.0014
Zinc	mg/L	0.0077 J	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	151.9	72.8	87.55	112.13	108.53	86.26	94.6	86.7
pH, Field	SU	6.73	6.76	6.95	7.07	6.93	7.34	7.27	7.12
RDO Concentration, Field	mg/L	10.11	9.29	20.17	10.03	8.63	9.94	10.43	9.89
Specific Conductance, Field	uS/cm	417.53	541.78	319.25	325.09	358.38	146.83	281.17	396.98
Temperature, Field	deg C	14.4	15.37	14.27	12.35	13.95	12.48	11.79	13.4
Turbidity, Field	NTU	13.8	4.53	4.32	9.4	2.76	11.1	10.94	5.64

Notes:

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Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/24/2017	10/24/2017	10/24/2017	10/24/2017	10/24/2017	10/24/2017	10/24/2017	10/24/2017
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	200	350	160	230	52	110	190	240
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Organic Carbon, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED METALS									
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	NA	NA	NA	NA	NA	NA	NA	NA
RDO Concentration, Field	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance, Field	uS/cm	NA	NA	NA	NA	NA	NA	NA	NA
Temperature, Field	deg C	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity, Field	NTU	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.78	1.8	0.38	1.0	0.026 J	0.022 J	0.74	1.3
Calcium	mg/L	35	44	13	29	26	15	32	34
Chloride	mg/L	11	8.9	9.7	7.7	4.9	2.7	9.7	8.6
Fluoride	mg/L	0.47	0.099 J	< 0.082	< 0.082	0.23	< 0.082	0.19 J	< 0.082
pH, Field	SU	7.31	6.86	7.2	7.36	6.78	7.48	6.99	7.14
Sulfate	mg/L	160	220	43	120	14	< 0.70	190	160
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	8.8 J	7.2 J	< 6.4	NA	NA	NA	< 6.4	NA
Cyanide	mg/L	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	3.3	2.2	1.8	NA	NA	NA	3.0	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	0.00080 J	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.11	0.064	0.035	0.059	0.033	0.027	0.086	0.060
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0036	0.0030	< 0.0011	< 0.0011
Cobalt	mg/L	< 0.00040	0.0020 J	0.0020 J	0.00081 J	0.00089 J	0.0034	< 0.00040	0.0016 J
Copper	mg/L	0.0067	< 0.0021	< 0.0021	0.0042	< 0.0021	0.0073	0.0055	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	0.00065 J	< 0.00035	< 0.00035
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.0025	0.00045 J	0.00030 J	< 0.00024	< 0.00024	< 0.00024	0.0012 J	0.00059 J
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0043	< 0.0014	< 0.0014	0.0017 J	0.0016 J	0.0057	0.0021 J	< 0.0014
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	108.87	43.43	39.69	72.76	34.25	-12.77	16.4	31
pH, Field	SU	7.31	6.86	7.2	7.36	6.78	7.48	6.99	7.14
RDO Concentration, Field	mg/L	8.62	6.77	6.84	6.97	1.76	7.7	6.8	7.03
Specific Conductance, Field	uS/cm	501.01	601.24	212.12	407.1	238.65	156.6	428.28	486.74
Temperature, Field	deg C	25.96	22.89	23.34	24.15	23.3	22.58	24.32	23.34
Turbidity, Field	NTU	0.51	2.84	4.07	1.88	1.68	9.3	1.14	2.62

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.44	1.3	0.43	0.58	0.041 J	< 0.021	0.38	0.77
Calcium	mg/L	24	33	11	21	31	11	21	23
Chloride	mg/L	7.3	8.8	9.7	NA	NA	NA	7	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.95	6.53	6.79	7.20	6.07	7.25	7.13	7.08
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	< 6.4	NA	NA	NA	7.8 J	NA
Cyanide	mg/L	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	3.2	1.3	0.81 J	NA	NA	NA	1.8	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.08	0.07	0.041	0.05	0.026	0.026	0.052	0.058
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0034	0.0011 J	< 0.0011	< 0.0011
Cobalt	mg/L	< 0.0004	0.0051	0.0051	0.002 J	< 0.0004	0.0033	0.00064 J	0.0037
Copper	mg/L	0.0058	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.00056 J	< 0.00024	< 0.00024	< 0.00024	0.0013	< 0.00024	< 0.00024	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0032	0.0021 J	0.0034	0.0043	0.0097	0.0033	0.0033	0.0033
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	-15.96	-26.01	-34.37	-38.26	14.2	-36.45	-33.46	-43.64
pH, Field	SU	6.95	6.53	6.79	7.20	6.07	7.25	7.13	7.08
RDO Concentration, Field	mg/L	8.89	8.3	8.17	8.48	7.1	8.41	8.77	8.34
Specific Conductance, Field	uS/cm	302.84	531.08	243.64	330.7	293.8	141.03	286.31	390.34
Temperature, Field	deg C	19.36	19.31	19.14	21.9	16.01	18.83	17.38	19.77
Turbidity, Field	NTU	2.52	4.15	3.48	4.34	1.74	8.85	4.09	3.47

Notes:

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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	9.9	10	NA	NA	NA	9.1	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.5	7.43	7.39	7.01	6.91	7.56	6.94
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	< 6.4	NA
Cyanide	mg/L	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	1.4	0.8 J	NA	NA	NA	1.9	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.076	0.025	0.05	0.027	0.016	0.07	0.063
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	0.0027	0.0012 J	< 0.0011	< 0.0011
Cobalt	mg/L	0.00043 J	0.0011 J	0.0017 J	< 0.0004	0.00058 J	< 0.0004	0.0017 J
Copper	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0021 J	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	< 0.00024	< 0.00024	< 0.00024	0.00051 J	< 0.00024	< 0.00024	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	< 0.0014	0.0019 J	0.0029	0.0064	0.0038	0.0039	0.0028
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	639.1	693.4	686.47	844.6	588	572.6	628.3
pH, Field	SU	7.5	7.43	7.39	7.01	6.91	7.56	6.94
RDO Concentration, Field	mg/L	9.23	8.91	8.29	6.45	8.89	7.36	8.71
Specific Conductance, Field	uS/cm	755	199.3	412.77	273.8	170.25	325.4	448.2
Temperature, Field	deg C	19.01	19.3	19.62	21.04	19.28	19.68	18.77
Turbidity, Field	NTU	1.46	4.22	3.92	1.76	5.26	1.8	3.94

Notes:
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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		04/18/2016	04/18/2016	04/18/2016	04/18/2016	04/18/2016	04/18/2016	04/18/2016
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.20	10.0	NA	NA	NA	7.38	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.95	6.97	7.25	7.03	7.26	6.90	6.99
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	< 6.4	NA
Cyanide	mg/L	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	1.2	0.77 J	NA	NA	NA	1.2	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Arsenic	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Barium	mg/L	0.0793	0.0395	0.0545	0.0316	0.0395	0.0588	0.0626
Beryllium	mg/L	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Cadmium	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium	mg/L	< 0.002	< 0.002	< 0.002	0.00498 J	< 0.002	< 0.002	< 0.002
Cobalt	mg/L	0.00585 J	0.0162	0.0043 J	< 0.002	0.00631 J	< 0.002	0.00796 J
Copper	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Lead	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Nickel	mg/L	< 0.002	0.00341 J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	mg/L	< 0.002	< 0.002	< 0.002	0.00847 J	< 0.002	< 0.002	< 0.002
Silver	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Thallium	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Vanadium	mg/L	< 0.002	< 0.002	< 0.002	0.0053 J	< 0.002	< 0.002	< 0.002
Zinc	mg/L	< 0.002	0.00771 J	< 0.002	< 0.002	< 0.002	0.00246 J	0.00271 J
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	-16.1	74.5	-0.6	72.5	-1.6	137.6	-12.9
pH, Field	SU	6.95	6.97	7.25	7.03	7.26	6.90	6.99
RDO Concentration, Field	mg/L	8.19	8.41	8.64	10.25	9.01	7.68	8.67
Specific Conductance, Field	uS/cm	502.4	386.1	331.2	577.9	152.9	281	398.8
Temperature, Field	deg C	17.98	18.08	18.01	20.56	17.43	22.09	17.27
Turbidity, Field	NTU	5.06	6.1	6.24	1.68	13.7	7.1	5.22

Notes:

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	10	10	12	NA	NA	NA	9.7
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.57	6.92	6.61	7.15	7.19	7.02	7.44
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	8.9 J	< 6.4	< 6.4	NA	NA	NA	8.6 J
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	3.6	2.5	1.3	NA	NA	NA	3.1
STATE REQUIRED METALS								
Antimony	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.066	0.074	0.043	0.054	0.029	0.049	0.061
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	0.0022 J	< 0.0020	< 0.0020	0.0030 J	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	0.0074 J	< 0.0030
Copper	mg/L	0.0093 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Lead	mg/L	0.0024 J	0.0036 J	< 0.0020	0.0039 J	0.0048 J	0.0030 J	0.0029 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0048 J	0.0053 J	0.0047 J	0.0054 J	0.0065 J	0.0058 J	0.0067 J
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00049	< 0.00049	< 0.00049	< 0.00049	< 0.00049	< 0.00049	< 0.00049
Vanadium	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	41	7	31	13	44	13	30
pH, Field	SU	7.57	6.92	6.61	7.15	7.19	7.02	7.44
RDO Concentration, Field	mg/L	8.05	7.76	8.11	7.92	6.9	7.85	8.54
Specific Conductance, Field	uS/cm	279	472	299	312	220	137	288
Temperature, Field	deg C	15.6	17.1	16.6	17.4	16	16.6	16.4
Turbidity, Field	NTU	7.03	6.41	4.01	7.69	17.6	24.6	12

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		05/25/2015	05/25/2015	05/25/2015	05/25/2015	05/25/2015	05/25/2015
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.5	10	NA	NA	NA	10
Fluoride	mg/L	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.67	6.82	7.18	7.55	7.73	7.70
Sulfate	mg/L	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS							
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	4.2	1.1	NA	NA	NA	2.2
STATE REQUIRED METALS							
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.069	0.062	0.049	0.054	0.060	0.056
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	0.0022 J	0.013	0.0023 J	0.0022 J
Cobalt	mg/L	< 0.0030	0.0041 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.0084 J	0.0025 J	0.0030 J	0.0052 J	0.0072 J	0.0062 J
Lead	mg/L	0.0032 J	0.0041 J	0.0064 J	0.0092 J	0.0058 J	0.0051 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	0.000075 J	< 0.000070	0.000072 J
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	0.0044 J	< 0.0030	< 0.0030
Selenium	mg/L	0.0049 J	< 0.0040	0.0059 J	0.020	0.0088 J	0.0047 J
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0032 J	0.0044 J	0.0040 J	0.021	0.0053 J	0.0043 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	0.0080 J	< 0.0080	< 0.0080
MAJOR IONS							
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS							
Oxidation Reduction Potential, Field	mV	139.16	125.72	101.54	176.4	129.21	145.44
pH, Field	SU	7.67	6.82	7.18	7.55	7.73	7.70
RDO Concentration, Field	mg/L	8.83	8.01	8.27	8.98	8.19	9.7
Specific Conductance, Field	uS/cm	276.62	352.42	294.59	560.2	290.35	285.06
Temperature, Field	deg C	23.2	20.03	20.43	22.48	24.5	23.42
Turbidity, Field	NTU	4.89	37.3	15.7	40.7	15.5	11.9

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
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Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	17	10	11	NA	NA	NA	14
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.59	7.09	6.76	6.92	6.85	7.33	7.11
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	< 6.4	NA	NA	NA	6.6 J
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	3.4	1.6	1.6	NA	NA	NA	2.8
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.11	0.071	0.037	0.053	0.071	0.022	0.081
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0037	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.0027 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0021 J	0.0029 J
Lead	mg/L	< 0.0020	0.0023 J	< 0.0020	0.0024 J	0.0022 J	< 0.0020	0.0021 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0085 J	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	0.00051 J	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	202	85	44	81	84	89	109
pH, Field	SU	6.59	7.09	6.76	6.92	6.85	7.33	7.11
RDO Concentration, Field	mg/L	8.26	6.67	5.57	7.02	6.66	7.02	7.46
Specific Conductance, Field	uS/cm	522	536	223	351	690	173	423
Temperature, Field	deg C	11.7	10.8	11.5	11.3	12.2	12.1	11.9
Turbidity, Field	NTU	8.22	2.81	3.37	2.81	3.64	15.9	1.27

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
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Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWC-7	SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		06/07/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	NA	8.5	9.5	11	NA	NA	NA	8.9	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	NA	7.84	6.58	6.44	5.81	7.00	6.91	7.27	6.71
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	NA	6.6 J	< 6.4	< 6.4	NA	NA	NA	6.6 J	NA
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	NA	1.7	1.7	0.98 J	NA	NA	NA	1.7	NA
STATE REQUIRED METALS										
Antimony	mg/L	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	NA	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	NA	0.053	0.081	0.039	0.091	0.028	0.036	0.058	0.065
Beryllium	mg/L	NA	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	NA	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	NA	0.0023 J	< 0.0020	< 0.0020	0.0027 J	0.0090 J	0.0036 J	0.0024 J	0.0028 J
Cobalt	mg/L	NA	< 0.0030	0.0051 J	0.0053 J	< 0.0030	< 0.0030	0.0048 J	< 0.0030	0.0049 J
Copper	mg/L	NA	< 0.0020	< 0.0020	< 0.0020	0.0079 J	< 0.0020	< 0.0020	0.0021 J	< 0.0020
Lead	mg/L	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	NA	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	NA	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	NA	< 0.0040	0.0042 J	< 0.0040	0.0058 J	< 0.0040	< 0.0040	0.0051 J	< 0.0040
Silver	mg/L	NA	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	NA	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	NA	< 0.0030	< 0.0030	< 0.0030	< 0.0030	0.0040 J	0.0046 J	< 0.0030	< 0.0030
Zinc	mg/L	NA	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	NA	70	-3	28	79	8	29	52	-13
pH, Field	SU	NA	7.84	6.58	6.44	5.81	7.00	6.91	7.27	6.71
RDO Concentration, Field	mg/L	NA	5.92	6.19	5.83	6.64	5.92	6.39	6.12	6.14
Specific Conductance, Field	uS/cm	NA	362	433	247	298	240	149	304	329
Temperature, Field	deg C	NA	25.4	18.4	18.3	18.5	20	18.1	20.8	18.7
Turbidity, Field	NTU	NA	7.14	8.09	3.2	10.3	2.77	21.7	4.54	8.79

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
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Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/06/2013	11/06/2013	11/06/2013	11/06/2013	11/06/2013	11/06/2013	11/06/2013
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	29	10	11	NA	NA	NA	14
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.63	6.62	7.19	7.23	6.48	6.83	6.85
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	19	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	5.5	1.5	1.2	NA	NA	NA	2.8
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.14	0.074	0.042	0.051	0.027	0.021	0.090
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	0.0038 J	< 0.0020	0.0024 J	< 0.0020	0.0024 J
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.014	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0080 J
Lead	mg/L	< 0.0020	0.0068	< 0.0020	0.0034 J	0.0041 J	0.0026 J	0.0022 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	0.0031 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0059 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0069 J	< 0.0030	< 0.0030	< 0.0030	0.0048 J	0.0038 J	0.0058 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	100	39	-10	39	138	141	135
pH, Field	SU	7.63	6.62	7.19	7.23	6.48	6.83	6.85
RDO Concentration, Field	mg/L	6.56	7.5	7.3	6.03	4.34	8.01	7.79
Specific Conductance, Field	uS/cm	633	440	205	299	197	160	373
Temperature, Field	deg C	26.3	16.3	17.5	14.5	15.6	14.9	13.8
Turbidity, Field	NTU	6.99	4.15	7.94	3.87	2.98	11	11.4

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		05/09/2013	05/09/2013	05/09/2013	05/09/2013	05/09/2013	05/09/2013	05/09/2013
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.1	7.8	9.9	NA	NA	NA	7.1
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.88	6.44	6.31	6.81	6.96	6.67	6.87
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	25	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	4.1	1.7	1.2	NA	NA	NA	2.3
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.089	0.073	0.038	0.063	0.022	0.049	0.069
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0033 J	< 0.0020	< 0.0020	< 0.0020	0.0029 J	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	0.0045 J	0.013	0.0051 J	< 0.0030	0.01	< 0.0030
Copper	mg/L	0.0081 J	< 0.0020	< 0.0020	< 0.0020	0.063	< 0.0020	0.0028 J
Lead	mg/L	0.0034 J	0.0034 J	< 0.0020	0.0036 J	0.0026 J	0.0028 J	0.0032 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	0.0037 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0048 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0048 J
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0075 J	< 0.0030	< 0.0030	< 0.0030	0.0089 J	< 0.0030	< 0.0030
Zinc	mg/L	0.0094 J	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	73	80	113	34	87	75	82
pH, Field	SU	6.88	6.44	6.31	6.81	6.96	6.67	6.87
RDO Concentration, Field	mg/L	7.55	7.18	7.33	7.65	6.71	7.27	8.01
Specific Conductance, Field	uS/cm	309	287	347	242	114	141	258
Temperature, Field	deg C	21.7	19.3	19.4	16.6	23.1	19.1	19
Turbidity, Field	NTU	24.9	10.8	5.36	12.5	45.9	17.2	11.3

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/11/2012	11/11/2012	11/11/2012	11/11/2012	11/11/2012	11/11/2012	11/11/2012
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	21	10	10	NA	NA	NA	17
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.16	6.83	6.79	6.77	7.13	7.42	7.28
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	4.7	1.8	1.2	NA	NA	NA	3.8
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.11	0.072	0.040	0.066	0.025	0.015	0.098
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0025 J	< 0.0020	< 0.0020	< 0.0020	0.0034 J	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.015	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0044 J
Lead	mg/L	0.0025 J	0.0023 J	< 0.0020	< 0.0020	0.0021 J	< 0.0020	0.0029 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0047 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0049 J	< 0.0030	< 0.0030	< 0.0030	0.0059 J	< 0.0030	0.0030 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	256	75	-13	72	122	116	119
pH, Field	SU	7.16	6.83	6.79	6.77	7.13	7.42	7.28
RDO Concentration, Field	mg/L	4.57	10.43	8.87	5.54	8.4	9.62	10.01
Specific Conductance, Field	uS/cm	505	424	188	304	227	175	429
Temperature, Field	deg C	18.1	11	11.9	10.9	16.1	12.5	11
Turbidity, Field	NTU	4.38	4.68	6.86	16.3	1.56	5.27	3.02

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		05/04/2012	05/04/2012	05/04/2012	05/03/2012	05/03/2012	05/03/2012	05/03/2012
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	21	9.5	9.9	NA	NA	NA	18
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	8.83	7.43	7.28	8.3	7.49	7.89	7.76
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	12	95	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	5.6	1.5	0.95 J	NA	NA	NA	4.3
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020 J	< 0.0020 J	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.13	0.082	0.034	0.11	0.023	0.026	0.11
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0035 J	< 0.0020	< 0.0020	0.0035 J	< 0.0020	0.0046 J	< 0.0020
Cobalt	mg/L	< 0.0030	0.0042 J	< 0.0030	< 0.0030	< 0.0030	0.0050 J	< 0.0030
Copper	mg/L	0.022	< 0.0020	< 0.0020	0.014	< 0.0020	< 0.0020	0.0072 J
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0054 J	< 0.0040	< 0.0040	0.0061 J	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0074 J	< 0.0030	< 0.0030	0.0081 J	0.0041 J	0.0073 J	0.0043 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	167	-30	56	154	87	124	151
pH, Field	SU	8.83	7.43	7.28	8.3	7.49	7.89	7.76
RDO Concentration, Field	mg/L	7.87	7.7	6.87	5.2	7.02	7.6	6.07
Specific Conductance, Field	uS/cm	498	434	195	480	239	171	452
Temperature, Field	deg C	26.9	21.2	21.1	27	25.3	21.9	22.8
Turbidity, Field	NTU	11.7	8.81	6.22	8.12	2.61	23.9	7.3

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWC-4	SWC-6	SWC-7
Sample Date		10/29/2011	10/29/2011	10/29/2011	10/29/2011	10/29/2011
ANALYTE	UNITS					
APPENDIX III						
Boron	mg/L	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA
Chloride	mg/L	20	10	NA	NA	4.0
Fluoride	mg/L	NA	NA	NA	NA	NA
pH, Field	SU	6.67	6.77	6.77	6.67	6.89
Sulfate	mg/L	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS						
Chemical Oxygen Demand	mg/L	13	7.7 J	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	5	3.3	NA	NA	2.1
STATE REQUIRED METALS						
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.1	0.071	0.079	0.041	0.040
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0080	< 0.0080	< 0.0080
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0020	0.010	0.0088 J
Copper	mg/L	0.014	< 0.0020	0.0068 J	< 0.0030	< 0.0030
Lead	mg/L	0.0042 J	0.0038 J	0.0035 J	0.0033 J	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0020	< 0.0020	< 0.0020
Selenium	mg/L	0.0084 J	< 0.0040	< 0.0030	< 0.0030	< 0.0030
Silver	mg/L	< 0.0020	< 0.0020	< 0.0040	< 0.0040	< 0.0040
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0080 J	< 0.0030	0.0044 J	< 0.0020	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0030	< 0.0030	< 0.0030
MAJOR IONS						
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA
FIELD PARAMETERS						
Oxidation Reduction Potential, Field	mV	214	188	200	187	179
pH, Field	SU	6.67	6.77	6.77	6.67	6.89
RDO Concentration, Field	mg/L	10.44	8.11	8.91	6.88	7.66
Specific Conductance, Field	uS/cm	467	366	400	32.5	32.7
Temperature, Field	deg C	14.9	15.9	15.6	16.2	15.5
Turbidity, Field	NTU	22.7	26.4	27.6	31.1	18.9

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter

NA - Indicates substance not analyzed

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Historic Surface Water
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Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		04/30/2011	04/30/2011	04/30/2011	04/30/2011	04/30/2011	04/30/2011	04/30/2011
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	19	8.9	9.5	NA	NA	NA	17
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.73	6.94	7.09	7.69	7.90	7.77	7.74
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	24	9.1 J	23	NA	NA	NA	25
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	6.4	1.6	1.2	NA	NA	NA	5.3
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.083 J	0.079 J	0.038 J	0.056 J	0.045 J	0.080 J	0.081 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0022 J	< 0.0020	< 0.0020	0.0024 J	0.011	0.0022 J	0.0023 J
Cobalt	mg/L	< 0.0030	0.0052 J	0.014	0.0054 J	0.0035 J	< 0.0030	< 0.0030
Copper	mg/L	0.021	< 0.0020	< 0.0020	< 0.0020	0.0079 J	0.015	0.016
Lead	mg/L	< 0.0020	0.0027 J	< 0.0020	0.0031 J	0.0046 J	0.0022 J	0.0025 J
Mercury	mg/L	< 0.000070	0.000077 J	0.000071 J	0.000084 J	0.000097 J	0.000098 J	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	0.0033 J	< 0.0030	0.0045 J	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0040 J	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0058 J	< 0.0020	< 0.0020	0.0063 J	0.030	0.0063 J	0.0063 J
Zinc	mg/L	< 0.0080	< 0.0080	0.0085 J	< 0.0080	0.012 J	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	10	10	28	12	31	219	222
pH, Field	SU	7.73	6.94	7.09	7.69	7.90	7.77	7.74
RDO Concentration, Field	mg/L	5.93	6.72	6.4	7.04	6.74	8.3	8.87
Specific Conductance, Field	uS/cm	127	148	122	115	35	126	135
Temperature, Field	deg C	25	18.8	18.7	19.1	20	22.6	22.4
Turbidity, Field	NTU	23.8	6.37	7.21	26.1	276	24.2	223

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWC-5	SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		09/07/2010	09/07/2010	09/06/2010	09/06/2010	09/06/2010	09/06/2010	09/06/2010	09/06/2010
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	17	NA	9.8	11	NA	NA	19	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.82	6.19	6.07	6.11	6.56	7.7	7.21	6.87
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	22	NA	11	9.7 J	NA	NA	20	NA
Cyanide	mg/L	< 0.0050	NA	< 0.0050	< 0.0050	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	5.0	NA	1.0	0.57 J	NA	NA	5.6	NA
STATE REQUIRED METALS									
Antimony	mg/L	0.0024 J	0.0020 J	0.0030 J	0.0041 J	0.0023 J	0.0071	0.012	0.0053
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.12	0.042 J	0.082 J	0.032 J	0.058 J	0.062 J	0.12	0.046 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0033 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0037 J	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	0.0035 J	< 0.0030	0.037 J	0.0086 J	< 0.0030	0.0038 J
Copper	mg/L	0.032	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0080 J	0.035	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	0.000092 J	< 0.000070	< 0.000070	0.00010 J	< 0.000070	< 0.000070	0.00010 J	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0071 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0048 J	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.011	0.0059 J	< 0.0030	< 0.0020	< 0.0020	0.0051 J	0.013	< 0.002
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	66	45	57	72	56	50	58	45
pH, Field	SU	6.82	6.19	6.07	6.11	6.56	7.7	7.21	6.87
RDO Concentration, Field	mg/L	7.51	5.74	7.27	7.87	7.85	9.01	7.78	7.11
Specific Conductance, Field	uS/cm	347	90	267	212	227	100	402	94
Temperature, Field	deg C	22.1	22.8	18.6	18.4	19.4	15.7	22	21.2
Turbidity, Field	NTU	9.82	31.8	7.88	6.84	6.23	17.7	15.6	10.7

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWC-4	SWC-6	SWC-7	SWA-1	SWC-5	SWC-8
Sample Date		07/29/2010	07/29/2010	07/29/2010	07/29/2010	07/28/2010	07/28/2010	07/28/2010
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	9.1	NA	NA	16	18	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	8.06	8.08	8.03	8.04	8.98	7.74	7.69
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 1.8	NA	NA	8.2	12	NA	NA
Cyanide	mg/L	< 0.010	NA	NA	< 0.010	< 0.010	NA	NA
Organic Carbon, Total	mg/L	2.1	NA	NA	5.5	6.4	NA	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.064 J	0.046 J	0.038 J	0.070 J	0.072 J	0.042 J	0.056 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0029 J	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	0.0070 J	< 0.0030	< 0.0030	< 0.0030	0.0042 J
Copper	mg/L	< 0.0020	< 0.0020	< 0.0020	0.011	0.017	0.0021 J	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	0.000099 J	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	mg/L	< 0.0020	< 0.0020	0.0037 J	0.0046 J	0.0055 J	0.0060 J	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	154	141	156	164	153	151	98
pH, Field	SU	8.06	8.08	8.03	8.04	8.98	7.74	7.69
RDO Concentration, Field	mg/L	6.6	5.7	8.82	6.75	5.9	6.5	6.14
Specific Conductance, Field	uS/cm	376	287	162	263	255	257	303
Temperature, Field	deg C	24	24.1	22.4	27.4	33.5	25.2	25
Turbidity, Field	NTU	18.6	12.2	16.2	14.9	10.8	33.9	18.6

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	19	9.4	9.7	NA	NA	NA	18	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	8.66	7.22	7.18	7.40	6.44	7.78	8.23	7.10
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	19	7.2 J	7.5 J	NA	NA	NA	16	NA
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	6.8	1.7	1.4	NA	NA	NA	6.5	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.079 J	0.072 J	0.026 J	0.054 J	0.017 J	0.075 J	0.078 J	0.059 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0011 J	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0051	< 0.0020	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	0.0045 J	0.0030 J	< 0.0030	0.0083 J	< 0.0030	< 0.0030	0.0050 J
Copper	mg/L	0.028	< 0.0020	< 0.0020	0.0028 J	0.0028 J	0.022	0.025	< 0.0020
Lead	mg/L	0.0025 J	< 0.0020	< 0.0020	0.0021 J	0.0023 J	0.0021 J	0.0023 J	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	mg/L	0.0041 J	< 0.0020	< 0.0020	0.0029 J	0.0094 J	0.0058 J	0.0050 J	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	0.0088 J	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	75	-5	133	67	66	68	72	29
pH, Field	SU	8.66	7.22	7.18	7.40	6.44	7.78	8.23	7.10
RDO Concentration, Field	mg/L	6.16	8.24	7.59	7.45	3.89	7.66	5.31	7.33
Specific Conductance, Field	uS/cm	275	371	196	300	55	152	271	263
Temperature, Field	deg C	31.5	27.1	28.3	25.9	26.3	26.6	31	26.3
Turbidity, Field	NTU	8.58	6.48	5.35	20.5	105	32.4	15.3	7.65

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	15	9.1	9.6	NA	NA	NA	15	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.63	5.96	5.60	6.28	5.97	6.25	6.55	6.14
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	25	16	5.6 J	NA	NA	NA	15	NA
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.010	NA
Organic Carbon, Total	mg/L	5.3	1.9	1.3	NA	NA	NA	4.8	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.14	0.078 J	0.035 J	0.052 J	0.039 J	0.043 J	0.14	0.088 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0039 J	< 0.0020	< 0.0020	< 0.0020	0.0055	0.0021 J	0.0040 J	< 0.0020
Cobalt	mg/L	< 0.0030	0.0065 J	0.011	< 0.0030	0.023	0.0068 J	< 0.0030	0.010
Copper	mg/L	0.033	< 0.0020	< 0.0020	< 0.0020	0.0041 J	< 0.0020	0.028	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	0.000072 J	< 0.000070	0.000070 J	< 0.000070	0.000080 J
Nickel	mg/L	0.0031 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.012	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.011	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	mg/L	0.016	< 0.0020	< 0.0020	< 0.0020	0.013	0.0033 J	0.016	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	50	45	63	51	37	42	43	34
pH, Field	SU	6.63	5.96	5.60	6.28	5.97	6.25	6.55	6.14
RDO Concentration, Field	mg/L	8.71	7.77	8.46	8	5.38	8.58	7.49	7.26
Specific Conductance, Field	uS/cm	363	280	224	212	72	112	361	88
Temperature, Field	deg C	24.4	17.5	16.8	18.6	23.6	19.5	25.3	18.6
Turbidity, Field	NTU	6.85	8.62	4.89	5.28	102	10.9	11	9.22

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

NA - Indicates substance not analyzed

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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

APPENDIX E

Statistical Analyses

APPENDIX E

Statistical Analyses February-April 2025

GROUNDWATER STATS CONSULTING

August 29, 2025

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer Cell 1 Landfill
Background Update & Statistical Analysis – February 2025

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater background update and statistical analysis for the 2025 1st Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer Cell 1 Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-15, GWA-16, and GWA-17
- **Downgradient wells:** GWC-1, GWC-2, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, and GWC-20

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician for Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance. In 2024, Georgia Power Company completed a data audit and migration of all CCR related groundwater data to the EarthSoft EQuIS Database Management Program (EQuIS). Data were then exported from EQuIS to Groundwater Stats Consulting (GSC) for use in completing this statistical analysis. Georgia Power Company contracted an independent third-party consultant, Environmental Resources Management (ERM), to support the data audit and migration to EQuIS. Based on the results of the audit and statistical analysis results from GSC, EQuIS will now be used by Georgia Power Company and its third-party geologists and engineers for management of data imported by independent third-party laboratories and data exported by Georgia Power Company and its Consultants. The data will be used in preparation of report submittals, modeling, strategic planning, and other purposes appropriate and consistent with EQuIS's data management and reporting tools and capabilities.

The State and CCR program consist of the constituents listed below. The terms "parameters" and "constituents" are used interchangeably:

- **CCR Appendix III -** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I -** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Statistical analyses are not required when 100% non-detects are present in wells for a given constituent. A list of Appendix I and III well/constituent pairs with 100% non-detects follows this letter. Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given constituent; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the case of fluoride, varying reporting limits resulted for the February 2025 event; however, the most recent reporting limit of 0.1 mg/L was substituted across all wells to maintain statistical limits that are conservative from a regulatory perspective.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided with the background update described below to demonstrate that the selected statistical methods for the constituents listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. It is assumed a minimum of 14 background samples for the state parameters and a minimum of 11 background samples for the federal parameters are available to provide adequate statistical power using a 1-of-2 resample plan. For any well/constituent pairs containing less than the minimum sample size requirements, the earlier portion of the record required truncation due to elevated concentrations compared to recently reported measurements which results in more conservative (i.e., lower) limits. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan (arsenic and silver)
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 16
- # Downgradient wells: 17

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 17

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points is available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion

of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts to groundwater quality in downgradient wells. Intrawell methods use background data from individual wells and may be overly sensitive to spatial variation. In particular, for nonparametric limits with small background sample sizes, the probability of a false positive result is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed SSI.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an apparent intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at

downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for CCR Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening – Georgia EPD Appendix I – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a

discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Tests

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections for the following constituents: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing trends. However, the majority of these trends were relatively low in magnitude when compared to average concentrations; therefore, most records required no adjustments. The following well/constituent pairs did require adjustments to the records in order to remove increasing trends and use more recent data that resulted in statistical limits representative of current groundwater quality conditions: chromium in wells GWC-1 and GWC-10, and vanadium in well GWC-1. A summary of the background periods used for these well/constituent pairs was provided with the background update report. When an increasing trend in a downgradient well is removed by truncating the earlier portion of the record for a constituent analyzed by intrawell limits, it is assumed that the trend is not

the result of the facility. This assumption is supported by a boxplot for all wells, by pre-waste data, or by an alternate source demonstration.

Selenium at well GWC-5 had elevated concentrations beginning in 2015, reportedly, due to surface infiltration from a leaking pipe that has since been fixed. Therefore, trend tests were recommended in lieu of prediction limits. While the trend test showed an increasing trend when the entire record of data was evaluated, an additional trend test which evaluated only the most recent 8 measurements was included and demonstrated that the more recent measurements resulted in a statistically significant decreasing trend. Prediction limits resumed when at least 8 measurements returned to background levels.

Several statistically significant decreasing trends were noted, but no records required adjustment during the screening. Vanadium at well GWC-8A has several more recent low-level reported concentrations similar to those reported during the earliest years of sampling. If these low-level concentrations continue, once a minimum of 8 new observations is available, the background data will likely be truncated to only use more recent data for construction of statistical limits.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells which included: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc. The ANOVA assists in identifying the most appropriate statistical approach. Based on the results of the background screening, intrawell tests were recommended for antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc, while interwell tests were recommended for arsenic and silver. A summary table of the ANOVA results and a discussion of the intrawell method eligibility was included with the screening.

Background Update Summaries – Georgia EPD Appendix I and CCR Appendix III

June 2021 & May 2023

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells. Both Tukey's outlier test and visual screening confirmed previously flagged outliers with the exception of low values for pH at upgradient well GWA-15, downgradient wells GWC-2, GWC-11, GWC-12, and

GWC-14. These values were unflagged during the update as the measurements were representative of concentrations throughout the respective records. Elevated historic concentrations compared to present-day conditions, such as the highest respective values for copper in downgradient well GWC-8A, lead in downgradient well GWC-3, pH in well GWC-2, and TDS in downgradient well GWC-11, were flagged in order to maintain conservative (i.e., lower) statistical limits. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which includes all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through to the new compliance samples at each well. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was submitted with the background update. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with each background update report.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results of the trend tests were submitted with the background update report.

April 2025

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test were used to evaluate data for suspected outliers in upgradient and downgradient wells through August/November 2024. Both Tukey's outlier test and visual screening confirmed previously flagged outliers with the exception of values for nickel at downgradient well

GWC-8A. These values were unflagged during the update as the measurements were representative of concentrations throughout the record. Elevated historic observations compared to remaining concentrations, such as values for barium in downgradient well GWC-3, calcium in downgradient well GWC-5, chromium in downgradient wells GWC-8A and GWC-10, nickel in downgradient wells GWC-7, GWC-9, GWC-10, and GWC-14, and TDS in downgradient well GWC-8A were flagged in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which include all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through December 2022 to the new compliance samples at each well through August/November 2024 (Figure D). When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets may be updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Barium: GWC-4, GWC-10, GWC-12, GWC-13, GWC-14, GWC-19, and GWC-20
- Calcium: GWA-16, GWA-17 (both upgradient), GWC-4, GWC-7, GWC-8A, GWC-9, GWC-14, GWC-19, and GWC-20
- Chloride: GWC-4, GWC-7, GWC-14, GWC-19, and GWC-20
- Chromium: GWA-16 (upgradient) and GWC-19
- Nickel: GWC-8A
- pH: GWA-17 (upgradient)
- Sulfate: GWC-3, GWC-4, GWC-7, GWC-9, and GWC-10
- TDS: GWC-4

Decrease:

- Boron: GWC-5
- Calcium: GWC-5
- Chloride: GWC-5

- Nickel: GWC-3, GWC-6, GWC-9, and GWC-13
- Selenium: GWC-4 and GWC-5
- Sulfate: GWC-5
- TDS: GWC-5
- Vanadium: GWC-4

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the following records were not updated with data through August/November 2024 in order to maintain statistical limits that are conservative from a regulatory perspective or an increasing trend is present among more recent data:

- Barium: GWC-4 and GWC-19
- Calcium: GWC-4, GWC-8A, and GWC-19
- Chloride: GWC-4
- Sulfate: GWC-3, GWC-4, and GWC-9
- TDS: GWC-4

The following records identified with statistically significant increasing trends were updated through August/November 2024 because the newer data were within or close to the range of earlier data and would have little to no impact on resulting statistical limits:

- Barium: GWC-10, GWC-12, GWC-13, GWC-14, and GWC-20
- Calcium: GWA-16, GWA-17 (both upgradient), GWC-7, GWC-9, GWC-14, and GWC-20
- Chloride: GWC-7, GWC-14, GWC-19, and GWC-20
- Chromium: GWA-16 (upgradient) and GWC-19
- Nickel: GWC-8A
- pH: GWA-17 (upgradient)
- Sulfate: GWC-7 and GWC-10

Although an increasing trend is present for chloride at well GWC-7 and sulfate at well GWC-10, the reported concentrations remain low with both well/constituent pairs resulting in intrawell prediction limits approximately 5 mg/L, which are significantly lower than the Maximum Concentration Limits (MCLs) of 250 mg/L for both constituents. These records will be re-evaluated during the next background update.

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data through August/November 2024 as all contained compliance data at or below existing observations in background or the respective reporting limits. Earlier portions of the

record for calcium, selenium, sulfate, and TDS at well GWC-5 were further truncated to construct statistical limits representative of current conditions and are readily capable of detecting changes in groundwater quality. Although not identified by the Mann-Whitney test, concentrations prior to July 2017 for vanadium at downgradient well GWC-8A were significantly higher and more variable than more recent concentrations; therefore, the early portion of the record was truncated to use more recent and stable observations.

The Mann Whitney test did not identify significant differences in medians for lead; however, it was noted during a previous update that historical data prior to 2016 are variable and appear to represent a sampling or analysis error. Therefore, all historical data prior to 2016 for lead were truncated so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective.

A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells at the 99% confidence level (Figure E). As mentioned above, in the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend, thus reducing variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results follow this report.

Prediction Limits - Appendix I & III Constituents – February 2025

Intrawell limits were used to evaluate all Appendix I and III constituents in this analysis with the exception of arsenic and silver, which use interwell limits. In cases where intrawell analyses are recommended and downgradient average concentrations are higher than upgradient observed concentrations for a given constituent, the current assumption is that the higher upgradient concentrations are due to spatial variation rather than a result

of practices at the landfill. The pre-waste data support this logic, as well as the alternate source demonstrations prepared by WSP.

When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells (such as arsenic and silver), interwell prediction limits are initially selected for the statistical method until further evidence shows that concentrations are due to spatial variation rather than a result of the facility.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through August/November 2024, except for cases mentioned above, within each well with detections for Appendix I constituents (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc) and Appendix III constituents (boron, calcium, chloride, fluoride, pH, sulfate, and TDS) (Figures F & G respectively). No statistical analyses were required for well/constituent pairs containing 100% non-detects.

In the event of a confirmed initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. The following initial exceedances were noted for the intrawell prediction limits:

Appendix I

- Barium: GWA-15 (upgradient), GWC-4, GWC-6, GWC-19, and GWC-20
- Chromium: GWC-7
- Selenium: GWC-4
- Vanadium: GWA-17 (upgradient)

Appendix III

- Calcium: GWC-3, GWC-4, GWC-6, GWC-7, GWC-9, GWC-12, GWC-19, and GWC-20
- Chloride: GWC-4, GWC-7, and GWC-9
- pH (upper limit): GWA-16, GWA-17 (both upgradient), GWC-6, GWC-7, GWC-9, and GWC-18

- Sulfate: GWC-3, GWC-4, GWC-6, GWC-7, and GWC-9
- TDS: GWC-3 and GWC-4

Two-Step Approach

Following the two-step analysis procedure discussed above, interwell prediction limits were then constructed using pooled upgradient well data through February 2025 to evaluate the Appendix I and III apparent intrawell prediction limit exceedances (Figures H and I, respectively). The following statistical exceedances were noted for the interwell prediction limits:

Appendix I

- Barium: GWC-4 and GWC-6
- Chromium: GWC-7
- Selenium: GWC-4

Appendix III

- Calcium: GWC-4, GWC-6, GWC-7, GWC-9, GWC-19, and GWC-20
- Chloride: GWC-4
- pH: GWC-9
- Sulfate: GWC-3, GWC-4, GWC-6, and GWC-9
- TDS: GWC-4

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were then constructed using all pooled upgradient well data through February 2025 to develop background limits for arsenic and silver (Figure J). No statistical exceedances were noted for the interwell prediction limits.

Summary tables of the intrawell and interwell prediction limits follow this letter along with the complete graphical results. The interwell limits are updated during each analysis after screening for new outliers on the current upgradient well data, while the intrawell prediction limits are updated when a minimum of four new compliance observations is available.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence

level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure K). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site.

A summary of the trend tests follows this letter along with complete graphical results of the trend analysis. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWC-4 and GWC-19
- Calcium: GWA-17 (upgradient), GWC-4, GWC-7, GWC-19, and GWC-20
- Chloride: GWA-15 (upgradient), GWC-4, and GWC-7
- Chromium: GWA-16 and GWA-17 (both upgradient)
- pH: GWA-17 (upgradient) and GWC-18
- Sulfate: GWA-15 (upgradient), GWC-3, and GWC-4
- TDS: GWC-4
- Vanadium: GWA-16 and GWA-17 (both upgradient)

Decreasing:

- Barium: GWA-17 (upgradient)
- Chloride: GWA-17 (upgradient)

Resample Reports – April 2025

Resamples were collected in April 2025 based on the results of the two-step approach for the following well/constituent pairs:

- Barium: GWC-4 and GWC-6
- Calcium: GWC-4, GWC-6, and GWC-19
- Chloride: GWC-4
- pH: GWC-9
- Selenium: GWC-4
- Sulfate: GWC-3, GWC-4, and GWC-6
- TDS: GWC-4

Additional resamples for pH at downgradient wells GWC-3, GWC-4, GWC-6, and GWC-19 were also collected. Intrawell prediction limits were constructed using background data through August/November 2024 to compare the April 2025 resamples for Appendix I and

III parameters (Figures L and M). Exceedances were identified for the following well/constituent pairs:

Appendix I
- Barium: GWC-4
- Selenium: GWC-4

Appendix III
- Calcium: GWC-4 and GWC-19
- Chloride: GWC-4
- Sulfate: GWC-3, GWC-4, and GWC-6
- TDS: GWC-4

In accordance with the two-step approach, interwell prediction limits were constructed to evaluate the apparent exceedances (Figures N and O). Exceedances were identified for the following well/constituent pairs:

Appendix I
- Barium: GWC-4
- Selenium: GWC-4

Appendix III:
- Calcium: GWC-4 and GWC-19
- Chloride: GWC-4
- Sulfate: GWC-3, GWC-4, and GWC-6
- TDS: GWC-4

Summary

Based on the results of the February 2025 samples and the April 2025 resamples using intrawell prediction limits, interwell prediction limits, and the two-step interwell prediction limit approach, apparent intrawell prediction limit exceedances also exceeded the interwell prediction limits for the following well/constituent pairs:

Appendix I
- Barium: GWC-4
- Chromium: GWC-7
- Selenium: GWC-4

Appendix III
- Calcium: GWC-4, GWC-7, GWC-9, GWC-19, and GWC-20

- Chloride: GWC-4
- Sulfate: GWC-3, GWC-4, GWC-6, and GWC-9
- TDS: GWC-4

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer Cell 1 Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Andrew T. Collins
Project Manager

Kristina L. Rayner
Senior Statistician

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Summary Tables

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100% Non-Detects: Appendix I - Intrawell

Analysis Run 4/16/2025 2:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Antimony (mg/L)
GWA-15, GWA-17, GWC-1, GWC-5, GWC-6, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-14, GWC-20

Beryllium (mg/L)
GWA-15, GWA-16, GWC-1, GWC-2, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20

Cadmium (mg/L)
GWA-15, GWA-16, GWC-1, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-9, GWC-10, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20

Cobalt (mg/L)
GWC-13, GWC-14

Copper (mg/L)
GWA-15, GWC-5, GWC-12, GWC-19

Lead (mg/L)
GWA-15, GWC-12

Nickel (mg/L)
GWC-14

Selenium (mg/L)
GWC-13, GWC-20

Thallium (mg/L)
GWC-3, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-20

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Date Ranges

Date: 4/18/2025 11:53 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Barium (mg/L)
- GWC-4 background:5/11/2010-9/10/2020
- GWC-10 background:5/10/2010-8/6/2024
- GWC-13 background:5/9/2010-8/6/2024
- GWC-19 background:5/11/2010-10/2/2018

Boron (mg/L)
- GWC-5 background:3/27/2019-8/6/2024

Calcium (mg/L)
- GWC-4 background:4/12/2016-8/25/2022
- GWC-5 background:9/11/2019-8/6/2024
- GWC-8A background:4/19/2016-10/4/2018
- GWC-19 background:4/11/2016-9/9/2020

Chloride (mg/L)
- GWC-4 background:4/12/2016-8/25/2022
- GWC-5 background:10/3/2018-8/6/2024

Lead (mg/L)
- background:4/6/2016-11/7/2024

Selenium (mg/L)
- GWC-5 background:9/11/2019-8/6/2024

Sulfate (mg/L)
- GWC-3 background:4/12/2016-8/25/2022
- GWC-4 background:4/12/2016-9/10/2020
- GWC-5 background:9/11/2019-8/6/2024
- GWC-9 background:4/13/2016-8/25/2022
- GWC-10 background:4/13/2016-8/6/2024

TDS (mg/L)
- GWC-4 background:4/12/2016-8/25/2022
- GWC-5 background:9/11/2019-8/6/2024

Vanadium (mg/L)
- GWC-8A background:4/7/2017-8/6/2024

Welch's t-test/Mann-Whitney - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Barium (mg/L)	**GWC-4**	**4.387**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-10**	**4.766**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-12**	**2.996**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-13**	**4.265**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-14**	**3.016**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-19**	**4.689**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-20**	**2.816**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	**GWC-5**	**-2.593**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-16 (bg)**	**2.765**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-17 (bg)**	**2.884**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-4**	**3.378**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-5**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-7**	**3.068**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-8A**	**3.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-9**	**2.943**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-14**	**2.886**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-19**	**4.093**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-20**	**3.108**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-4**	**3.599**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-5**	**-2.704**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-7**	**3.073**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-14**	**2.731**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-19**	**2.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-20**	**2.916**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-16 (bg)**	**2.962**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-19**	**3.013**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-3**	**-2.964**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-6**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-8A**	**2.758**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-9**	**-3.053**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-13**	**-2.717**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	**GWA-17 (bg)**	**2.594**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	**GWC-4**	**-3.9**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	**GWC-5**	**-2.802**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-3**	**3.327**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-4**	**3.749**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-5**	**-2.87**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-7**	**2.987**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-9**	**2.776**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-10**	**4.242**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-4**	**3.361**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-5**	**-2.902**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	**GWC-4**	**-2.994**	**Yes**	**0.01**	**Yes**	**Mann-W**

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-16 (bg)	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-2	0.4368	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-3	-1.809	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-7	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-13	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-18	0.4368	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Barium (mg/L)	GWA-15 (bg)	0.7705	No	0.01	No	Mann-W
Barium (mg/L)	GWA-16 (bg)	1.779	No	0.01	No	Mann-W
Barium (mg/L)	GWA-17 (bg)	-0.6634	No	0.01	No	Mann-W
Barium (mg/L)	GWC-1	1.623	No	0.01	No	Mann-W
Barium (mg/L)	GWC-2	1.395	No	0.01	No	Mann-W
Barium (mg/L)	GWC-3	-0.3653	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-4**	**4.387**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-5	0	No	0.01	No	Mann-W
Barium (mg/L)	GWC-6	-1.251	No	0.01	No	Mann-W
Barium (mg/L)	GWC-7	2.259	No	0.01	No	Mann-W
Barium (mg/L)	GWC-8A	0.5383	No	0.01	No	Mann-W
Barium (mg/L)	GWC-9	1.842	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-10**	**4.766**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-11	2.542	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-12**	**2.996**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-13**	**4.265**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-14**	**3.016**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-18	1.359	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-19**	**4.689**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-20**	**2.816**	**Yes**	**0.01**	**Yes**	**Mann-W**
Beryllium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-3	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-6	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-7	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-8A	0.2611	No	0.01	No	Mann-W
Boron (mg/L)	GWA-15 (bg)	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWA-17 (bg)	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-1	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-2	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWC-3	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-4	0.2473	No	0.01	No	Mann-W
Boron (mg/L)	**GWC-5**	**-2.593**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	GWC-6	1.608	No	0.01	No	Mann-W
Boron (mg/L)	GWC-7	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-8A	-1.017	No	0.01	No	Mann-W
Boron (mg/L)	GWC-9	0.2437	No	0.01	No	Mann-W
Boron (mg/L)	GWC-10	-0.3369	No	0.01	No	Mann-W
Boron (mg/L)	GWC-11	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-12	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWC-13	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-14	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-18	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-19	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-20	-1.28	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-2	0.2611	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-8A	1.053	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-11	0.2611	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-15 (bg)	0.2453	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Calcium (mg/L)	**GWA-16 (bg)**	**2.765**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-17 (bg)**	**2.884**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-1	1.827	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-2	2.056	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-3	0.203	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-4**	**3.378**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-5**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-6	-1.162	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-7**	**3.068**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-8A**	**3.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-9**	**2.943**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-10	2.013	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-11	2.028	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-12	1.359	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-13	2.564	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-14**	**2.886**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-18	1.833	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-19**	**4.093**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-20**	**3.108**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWA-15 (bg)	1.305	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-16 (bg)	0.1264	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-17 (bg)	-1.825	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-1	-1.102	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-2	0.8641	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-3	-1.143	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-4**	**3.599**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-5**	**-2.704**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-6	-0.7711	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-7**	**3.073**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-8A	0.7721	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-9	2.566	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-10	2.321	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-11	1.001	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-12	2.024	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-13	-0.3784	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-14**	**2.731**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-18	2.009	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-19**	**2.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-20**	**2.916**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-15 (bg)	-0.2583	No	0.01	No	Mann-W
Chromium (mg/L)	**GWA-16 (bg)**	**2.962**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-17 (bg)	2.472	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-1	2.369	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-2	2.505	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-3	2.495	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-4	-2.521	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-5	2.496	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-6	0.4652	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-7	1.969	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-8A	-2.231	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-9	1.811	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-10	2.432	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-11	0.441	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-12	0.5036	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-13	1.512	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-14	-0.2057	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-18	-1.737	No	0.01	No	Mann-W
Chromium (mg/L)	**GWC-19**	**3.013**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWC-20	0.5387	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-15 (bg)	0.8363	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Cobalt (mg/L)	GWA-16 (bg)	0.6918	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-17 (bg)	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-1	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-2	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-3	0	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-4	0.8763	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-6	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-7	0.7818	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-8A	1.843	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-9	0.7818	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-10	-0.4287	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-11	0.2611	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-12	-1.982	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-18	0.7952	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-19	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-20	0.7818	No	0.01	No	Mann-W
Copper (mg/L)	GWA-16 (bg)	0.4752	No	0.01	No	Mann-W
Copper (mg/L)	GWA-17 (bg)	0.2835	No	0.01	No	Mann-W
Copper (mg/L)	GWC-1	0.4752	No	0.01	No	Mann-W
Copper (mg/L)	GWC-2	0.6196	No	0.01	No	Mann-W
Copper (mg/L)	GWC-3	0.4042	No	0.01	No	Mann-W
Copper (mg/L)	GWC-4	-0.5342	No	0.01	No	Mann-W
Copper (mg/L)	GWC-6	-0.4462	No	0.01	No	Mann-W
Copper (mg/L)	GWC-7	-0.5231	No	0.01	No	Mann-W
Copper (mg/L)	GWC-8A	-1.935	No	0.01	No	Mann-W
Copper (mg/L)	GWC-9	-1.586	No	0.01	No	Mann-W
Copper (mg/L)	GWC-10	-0.4642	No	0.01	No	Mann-W
Copper (mg/L)	GWC-11	-0.06788	No	0.01	No	Mann-W
Copper (mg/L)	GWC-13	-0.4725	No	0.01	No	Mann-W
Copper (mg/L)	GWC-14	-0.4725	No	0.01	No	Mann-W
Copper (mg/L)	GWC-18	-1.127	No	0.01	No	Mann-W
Copper (mg/L)	GWC-20	-0.4811	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-15 (bg)	0.3372	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-16 (bg)	0.7444	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-17 (bg)	0.4816	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-1	0.07464	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-2	1.548	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-3	1.058	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-4	-2.082	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-5	0.621	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-6	1.677	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-7	0.7303	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-8A	-2.152	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-9	0.7114	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-10	0.2963	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-11	0.788	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-12	-0.1991	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-13	0.8519	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-14	-0.1992	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-18	0.9407	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-19	0.9404	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-20	0.9676	No	0.01	No	Mann-W
Lead (mg/L)	GWA-16 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-17 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-1	-0.8311	No	0.01	No	Mann-W
Lead (mg/L)	GWC-2	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-3	0.5805	No	0.01	No	Mann-W
Lead (mg/L)	GWC-4	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-7	0.5805	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Lead (mg/L)	GWC-8A	-1.043	No	0.01	No	Mann-W
Lead (mg/L)	GWC-10	0.3354	No	0.01	No	Mann-W
Lead (mg/L)	GWC-11	1.108	No	0.01	No	Mann-W
Lead (mg/L)	GWC-13	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-19	0.2078	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-15 (bg)	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-16 (bg)	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-17 (bg)	0.8764	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-1	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-2	0.6806	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-3	0.6806	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-4	0.5683	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-5	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-6	0.7819	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-7	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-8A	0.8764	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-9	0.4368	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-10	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-11	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-13	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-14	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-18	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-19	0.4526	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-20	0.8763	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-15 (bg)	-1.648	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-17 (bg)	0.347	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-1	-1.253	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-2	-0.3378	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-3**	**-2.964**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-4	-2.307	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-5	-1.309	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-6**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-7	0.1352	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-8A**	**2.758**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-9**	**-3.053**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-10	2.195	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-11	-2.32	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-12	-2.119	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-13**	**-2.717**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-18	0.6316	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-19	-1.433	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-20	-1.137	No	0.01	No	Mann-W
pH, Field (SU)	GWA-15 (bg)	-0.9291	No	0.01	No	Mann-W
pH, Field (SU)	GWA-16 (bg)	0.2693	No	0.01	No	Mann-W
pH, Field (SU)	**GWA-17 (bg)**	**2.594**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	GWC-1	2.231	No	0.01	No	Mann-W
pH, Field (SU)	GWC-2	1.045	No	0.01	No	Mann-W
pH, Field (SU)	GWC-3	1.411	No	0.01	No	Mann-W
pH, Field (SU)	GWC-4	-2.354	No	0.01	No	Mann-W
pH, Field (SU)	GWC-5	2.142	No	0.01	No	Mann-W
pH, Field (SU)	GWC-6	1.29	No	0.01	No	Mann-W
pH, Field (SU)	GWC-7	1.593	No	0.01	No	Mann-W
pH, Field (SU)	GWC-8A	-1.525	No	0.01	No	Mann-W
pH, Field (SU)	GWC-9	0.1472	No	0.01	No	Mann-W
pH, Field (SU)	GWC-10	-0.4499	No	0.01	No	Mann-W
pH, Field (SU)	GWC-11	1.151	No	0.01	No	Mann-W
pH, Field (SU)	GWC-12	1.001	No	0.01	No	Mann-W
pH, Field (SU)	GWC-13	2.073	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
pH, Field (SU)	GWC-14	-0.562	No	0.01	No	Mann-W
pH, Field (SU)	GWC-18	1.191	No	0.01	No	Mann-W
pH, Field (SU)	GWC-19	-1.763	No	0.01	No	Mann-W
pH, Field (SU)	GWC-20	0.4987	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-15 (bg)	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-16 (bg)	0.5682	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-17 (bg)	0.4368	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-1	0.155	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-2	-0.5715	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-3	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	**GWC-4**	**-3.9**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	**GWC-5**	**-2.802**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	GWC-6	0.781	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-7	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-8A	0.6804	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-9	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-10	0.4368	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-11	0.155	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-14	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-18	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-15 (bg)	2.057	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-16 (bg)	0.3068	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-17 (bg)	1.685	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-1	0.08365	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-2	-0.04234	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-3**	**3.327**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-4**	**3.749**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-5**	**-2.87**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-6	1.578	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-7**	**2.987**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-8A	-2.192	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-9**	**2.776**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-10**	**4.242**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-11	-0.6926	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-12	1.312	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-13	2.099	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-14	1.685	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-18	2.362	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-19	0.843	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-20	0.2625	No	0.01	No	Mann-W
TDS (mg/L)	GWA-15 (bg)	1.097	No	0.01	No	Mann-W
TDS (mg/L)	GWA-16 (bg)	1.155	No	0.01	No	Mann-W
TDS (mg/L)	GWA-17 (bg)	1.624	No	0.01	No	Mann-W
TDS (mg/L)	GWC-1	1.856	No	0.01	No	Mann-W
TDS (mg/L)	GWC-2	0.9921	No	0.01	No	Mann-W
TDS (mg/L)	GWC-3	1.3	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-4**	**3.361**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-5**	**-2.902**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-6	-0.1237	No	0.01	No	Mann-W
TDS (mg/L)	GWC-7	1.523	No	0.01	No	Mann-W
TDS (mg/L)	GWC-8A	1.237	No	0.01	No	Mann-W
TDS (mg/L)	GWC-9	1.799	No	0.01	No	Mann-W
TDS (mg/L)	GWC-10	1.168	No	0.01	No	Mann-W
TDS (mg/L)	GWC-11	0.9856	No	0.01	No	Mann-W
TDS (mg/L)	GWC-12	1.914	No	0.01	No	Mann-W
TDS (mg/L)	GWC-13	1.748	No	0.01	No	Mann-W
TDS (mg/L)	GWC-14	1.218	No	0.01	No	Mann-W
TDS (mg/L)	GWC-18	1.868	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
TDS (mg/L)	GWC-19	2.427	No	0.01	No	Mann-W
TDS (mg/L)	GWC-20	2.086	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-15 (bg)	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-16 (bg)	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-1	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-2	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-6	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-7	0.6804	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-8A	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-9	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-15 (bg)	-2.442	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-16 (bg)	2.394	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-17 (bg)	1.57	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-1	1.749	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-2	1.851	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-3	-1.15	No	0.01	No	Mann-W
Vanadium (mg/L)	**GWC-4**	**-2.994**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	GWC-5	-0.916	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-6	0.9713	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-7	-0.1465	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-8A	-2.478	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-9	0.7712	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-10	0.02805	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-11	0.08601	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-12	-1.848	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-13	-0.9116	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-14	-1.699	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-18	0.5998	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-19	0.9124	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-20	0.578	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-15 (bg)	-0.4725	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-16 (bg)	-1.765	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-17 (bg)	-0.2816	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-1	-1.07	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-2	-1.521	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-3	-1.555	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-4	-0.06788	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-5	-0.3447	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-6	-0.4725	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-7	-0.06788	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-8A	-1.124	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-9	0.2835	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-10	-0.06667	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-11	-1.8	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-12	-1.088	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-13	-1.832	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-14	1.881	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-18	-2.172	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-19	-0.4811	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-20	-0.611	No	0.01	No	Mann-W

Upgradient Wells Trend Tests - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 11:56 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Arsenic (mg/L)	GWA-15 (bg)	0	-17	-206	No	38	94.74	n/a	0.01	NP
Arsenic (mg/L)	GWA-16 (bg)	0	-15	-206	No	38	97.37	n/a	0.01	NP
Arsenic (mg/L)	GWA-17 (bg)	0	-15	-206	No	38	97.37	n/a	0.01	NP
Silver (mg/L)	GWA-15 (bg)	0	0	167	No	33	100	n/a	0.01	NP
Silver (mg/L)	GWA-16 (bg)	0	0	167	No	33	100	n/a	0.01	NP
Silver (mg/L)	GWA-17 (bg)	0	0	167	No	33	100	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**2/25/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-6**	**0.06535**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**37**	**0.05372**	**0.004755**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**2/25/2025**	**0.033**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**2/25/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	**GWA-17**	**0.008446**	**n/a**	**2/26/2025**	**0.011**	**Yes**	**32**	**0.004701**	**0.001504**	**12.5**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-16	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-2	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-3	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-4	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**2/25/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	GWA-16	0.039	n/a	2/25/2025	0.028	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-17	0.04875	n/a	2/26/2025	0.027	No	37	-3.429	0.1667	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-1	0.05681	n/a	2/25/2025	0.047	No	37	0.04696	0.004028	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-2	0.05389	n/a	2/25/2025	0.043	No	37	0.002099	0.0003289	0	None	x^2	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-3	0.02471	n/a	2/25/2025	0.021	No	35	0.01677	0.003227	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-5	0.1172	n/a	2/25/2025	0.036	No	37	0.3341	0.06345	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-6**	**0.06535**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**37**	**0.05372**	**0.004755**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-7	0.04317	n/a	2/24/2025	0.043	No	37	0.03318	0.004082	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-8A	0.1078	n/a	2/24/2025	0.039	No	37	0.2026	0.05142	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.03685	n/a	2/24/2025	0.029	No	37	0.02382	0.005327	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.0407	n/a	2/24/2025	0.035	No	38	0.02835	0.00506	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.02037	n/a	2/24/2025	0.02	No	37	0.01684	0.001445	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.02084	n/a	2/24/2025	0.02	No	37	0.01643	0.001804	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-13	0.04946	n/a	2/24/2025	0.041	No	37	0.1802	0.01727	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-14	0.01266	n/a	2/25/2025	0.011	No	35	0.009908	0.001119	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04098	n/a	2/25/2025	0.036	No	37	0.03533	0.00231	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**2/25/2025**	**0.033**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**2/25/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Beryllium (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-3	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-4	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-5	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-6	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-8A	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-2	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8A	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-15	0.0036	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-16	0.008074	n/a	2/25/2025	0.0068	No	37	0.005088	0.00122	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWA-17	0.01148	n/a	2/26/2025	0.0083	No	37	0.007284	0.001716	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-1	0.01814	n/a	2/25/2025	0.013	No	37	0.0001616	0.00006843	0	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-2	0.01387	n/a	2/25/2025	0.0092	No	37	0.0001026	0.00003666	2.703	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-3	0.01995	n/a	2/25/2025	0.015	No	36	-4.643	0.2968	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-4	0.009955	n/a	2/25/2025	0.0025	No	37	0.005713	0.001734	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-5	0.01053	n/a	2/25/2025	0.0057	No	37	0.06791	0.01419	2.703	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-6	0.01054	n/a	2/24/2025	0.0054	No	37	-5.311	0.3102	2.703	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Chromium (mg/L)	GWC-8A	0.023	n/a	2/24/2025	0.002ND	No	35	n/a	n/a	51.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.01267	n/a	2/24/2025	0.0029	No	37	0.007694	0.002034	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-10	0.02502	n/a	2/24/2025	0.017	No	37	0.01568	0.003816	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-11	0.012	n/a	2/24/2025	0.0079	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-12	0.0036	n/a	2/24/2025	0.0012J	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-13	0.008363	n/a	2/24/2025	0.0053	No	36	0.004964	0.001385	0	None	No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-14	0.0038	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.02	n/a	2/25/2025	0.011	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-19	0.01723	n/a	2/25/2025	0.016	No	37	0.00998	0.002962	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-20	0.01377	n/a	2/25/2025	0.0084	No	37	0.0945	0.00934	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Cobalt (mg/L)	GWA-15	0.0029	n/a	2/25/2025	0.0013J	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-16	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-1	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-2	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-3	0.0025	n/a	2/25/2025	0.0025ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-4	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8A	0.0046	n/a	2/24/2025	0.0018J	No	34	n/a	n/a	38.24	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-9	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.0035	n/a	2/24/2025	0.0025ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-19	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	2/26/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	2/24/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.1	n/a	2/24/2025	0.002ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0053	n/a	2/24/2025	0.002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-17	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8A	0.0012	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.0017	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.0015	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWA-15	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	2/26/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	2/25/2025	0.00072J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/26/2025	0.001ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0071	n/a	2/25/2025	0.00054J	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0038	n/a	2/25/2025	0.0016	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	2/25/2025	0.0016	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/25/2025	0.0019	No	32	n/a	n/a	59.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/24/2025	0.00064J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.01118	n/a	2/24/2025	0.0046	No	34	0.1514	0.02922	32.35	Kaplan-Meier	x^(1/3)	0.0001937	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.0048	n/a	2/24/2025	0.0011	No	34	n/a	n/a	55.88	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.00053J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0011	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0017	n/a	2/25/2025	0.0012	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	2/25/2025	0.00061J	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-15	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-16	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-17	0.005	n/a	2/26/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.0053	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-2	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-3	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Selenium (mg/L)	GWC-5	0.01744	n/a	2/25/2025	0.0013J	No	11	0.005791	0.003494	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	GWC-6	0.007	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-7	0.0053	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8A	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0065	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0052	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-19	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-15	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-17	0.001	n/a	2/26/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01172	n/a	2/25/2025	0.0069	No	32	0.007333	0.00176	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	**GWA-17**	**0.008446**	**n/a**	**2/26/2025**	**0.011**	**Yes**	**32**	**0.004701**	**0.001504**	**12.5**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-1	0.0233	n/a	2/25/2025	0.017	No	32	0.0002708	0.0001093	0	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.01924	n/a	2/25/2025	0.013	No	32	0.0001998	0.00006842	3.125	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01043	n/a	2/25/2025	0.0042	No	31	0.00653	0.001561	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01171	n/a	2/25/2025	0.0041	No	32	0.007233	0.0018	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006452	n/a	2/25/2025	0.0023	No	32	0.05266	0.01111	18.75	Kaplan-Meier	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01316	n/a	2/24/2025	0.011	No	32	0.009105	0.00163	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01634	n/a	2/24/2025	0.013	No	32	0.000002319	8.2e-7	0	None	x^3	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.0047	n/a	2/24/2025	0.002	No	16	n/a	n/a	37.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-9	0.02777	n/a	2/24/2025	0.01	No	32	0.01692	0.00436	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.026	n/a	2/24/2025	0.013	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-11	0.01473	n/a	2/24/2025	0.011	No	32	0.01031	0.001777	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/24/2025	0.00072J	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	2/24/2025	0.0022	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	68.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01061	n/a	2/25/2025	0.006	No	32	0.08111	0.0088	3.125	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01019	n/a	2/25/2025	0.0067	No	32	0.007199	0.001201	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02308	n/a	2/25/2025	0.016	No	32	0.01753	0.002229	0	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	2/25/2025	0.0034J	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/26/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	2/25/2025	0.005ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/25/2025	0.005ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/24/2025	0.005ND	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.013	n/a	2/24/2025	0.0097	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/24/2025	0.0031J	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/24/2025	0.0029J	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/24/2025	0.0036J	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.024	n/a	2/25/2025	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/25/2025	0.003J	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/25/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-3	10.92	n/a	2/25/2025	11	Yes	23	7.67	1.362	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	2/25/2025	46	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	21.45	n/a	2/24/2025	23	Yes	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	17.69	n/a	2/24/2025	19	Yes	24	14.66	1.279	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	23	n/a	2/24/2025	34	Yes	25	n/a	n/a	0	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-12	1.505	n/a	2/24/2025	1.7	Yes	23	1.11	0.1658	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	2/25/2025	18	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	17.52	n/a	2/25/2025	18	Yes	23	14.07	1.448	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	2/25/2025	28	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	4.9	n/a	2/24/2025	6.5	Yes	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-9	5.188	n/a	2/24/2025	6.3	Yes	23	3.815	0.5757	0	None	No	0.0004426	Param Intra 1 of 2
pH, Field (SU)	GWA-16	6.63	5.63	2/25/2025	6.76	Yes	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-17	6.524	5.455	2/26/2025	6.65	Yes	37	5.99	0.2393	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	2/24/2025	6.5	Yes	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-7	6.628	5.958	2/24/2025	6.67	Yes	39	1595	150.8	0	None	x^4	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	2/24/2025	7.14	Yes	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-18	6.54	5.74	2/25/2025	6.69	Yes	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	2/25/2025	20	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/25/2025	150	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	22.26	n/a	2/24/2025	30	Yes	24	3.352	0.5775	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1.5	n/a	2/24/2025	3.5	Yes	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	2/24/2025	19	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-3	116.7	n/a	2/25/2025	130	Yes	23	81.7	14.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-4	178.1	n/a	2/25/2025	350	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.13	n/a	2/25/2025	0.029J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.385	n/a	2/25/2025	0.14	No	12	0.2158	0.05992	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.085	n/a	2/24/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.2935	n/a	2/24/2025	0.17	No	23	0.1811	0.0471	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.134	n/a	2/24/2025	0.056J	No	23	0.08873	0.01896	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	2/24/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.12	n/a	2/25/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.275	n/a	2/25/2025	4.1	No	23	4.201	0.4501	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.37	n/a	2/25/2025	13	No	23	12	1.415	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.826	n/a	2/26/2025	7.4	No	23	7.203	1.099	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.23	n/a	2/25/2025	17	No	23	17.34	1.209	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.27	n/a	2/25/2025	17	No	23	17.47	1.174	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-3**	**10.92**	**n/a**	**2/25/2025**	**11**	**Yes**	**23**	**7.67**	**1.362**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**2/25/2025**	**46**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-5	68.6	n/a	2/25/2025	25	No	11	6.178	0.7155	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-6**	**21.45**	**n/a**	**2/24/2025**	**23**	**Yes**	**24**	**17.3**	**1.753**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**2/24/2025**	**19**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-8A	44.79	n/a	2/24/2025	42	No	11	26.36	6.265	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-9**	**23**	**n/a**	**2/24/2025**	**34**	**Yes**	**25**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002832**	**NP Intra (normality) 1 of 2**
Calcium (mg/L)	GWC-10	22.03	n/a	2/24/2025	20	No	23	17.52	1.888	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	14	n/a	2/24/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-12**	**1.505**	**n/a**	**2/24/2025**	**1.7**	**Yes**	**23**	**1.11**	**0.1658**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-13	8.967	n/a	2/24/2025	7.9	No	23	6.802	0.9074	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	8.188	n/a	2/25/2025	7.2	No	23	6.673	0.6347	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	11.6	n/a	2/25/2025	10	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**2/25/2025**	**18**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**2/25/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-15	7.469	n/a	2/25/2025	5.7	No	23	1.752	0.1086	0	None	ln(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	1.999	n/a	2/25/2025	1.6	No	23	1.656	0.1436	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	1.969	n/a	2/26/2025	1.5	No	23	1.226	0.07433	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.625	n/a	2/25/2025	3.9	No	23	3.844	0.3272	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.676	n/a	2/25/2025	2.1	No	23	2.18	0.2078	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.825	n/a	2/25/2025	2.4	No	23	3.119	0.2958	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**2/25/2025**	**28**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-5	62.84	n/a	2/25/2025	4.9J	No	13	4.18	1.357	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.235	n/a	2/24/2025	6.1	No	23	6.047	0.9174	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**2/24/2025**	**6.5**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWC-8A	10.3	n/a	2/24/2025	6.8	No	23	7.752	1.069	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-9**	**5.188**	**n/a**	**2/24/2025**	**6.3**	**Yes**	**23**	**3.815**	**0.5757**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-10	5.2	n/a	2/24/2025	4.6	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.137	n/a	2/24/2025	1.8	No	23	1.799	0.1415	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.241	n/a	2/24/2025	2.1	No	23	1.813	0.1792	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-13	1.927	n/a	2/24/2025	1.5	No	23	1.557	0.1547	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	4.514	n/a	2/25/2025	4.3	No	23	1.782	0.1435	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	3.135	n/a	2/25/2025	2.8	No	23	2.623	0.2145	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	3.243	n/a	2/25/2025	2.7	No	23	2.097	0.4799	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.496	n/a	2/25/2025	2.4	No	23	8.458	2.969	4.348	None	x^3	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.077	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.089	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.083	n/a	2/26/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1306	n/a	2/25/2025	0.01ND	No	25	0.005705	0.004832	24	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.072	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-3	0.092	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-4	0.1443	n/a	2/25/2025	0.005ND	No	23	0.009012	0.004953	8.696	None	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.16	n/a	2/25/2025	0.01ND	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.1	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2021	n/a	2/24/2025	0.005ND	No	23	0.08952	0.04719	8.696	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.096	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	39.13	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-10	0.099	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-11	0.071	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.046	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.06	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.068	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.12	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.079	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.089	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	GWA-15	5.921	4.962	2/25/2025	5.43	No	38	5.442	0.2152	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	**GWA-16**	**6.63**	**5.63**	**2/25/2025**	**6.76**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002723**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWA-17**	**6.524**	**5.455**	**2/26/2025**	**6.65**	**Yes**	**37**	**5.99**	**0.2393**	**0**	**None**	**No**	**0.0002213**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-1	6.816	6.185	2/25/2025	6.77	No	40	6.5	0.1424	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-2	7	5.79	2/25/2025	6.49	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-3	6.271	5.576	2/25/2025	5.93	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	2/25/2025	6.17	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-5	6.369	5.386	2/25/2025	6.16	No	38	5.878	0.2204	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	**GWC-6**	**6.48**	**5.5**	**2/24/2025**	**6.5**	**Yes**	**40**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002317**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWC-7**	**6.628**	**5.958**	**2/24/2025**	**6.67**	**Yes**	**39**	**1595**	**150.8**	**0**	**None**	**x^4**	**0.0002213**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-8A	7.26	5.93	2/24/2025	6.75	No	43	n/a	n/a	0	n/a	n/a	0.002074	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-9**	**6.82**	**5.97**	**2/24/2025**	**7.14**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-10	6.66	5.96	2/24/2025	6.27	No	42	6.31	0.1585	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-11	6.38	5.58	2/24/2025	6.14	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-12	5.556	4.459	2/24/2025	5.18	No	38	3529	792.6	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-13	6.21	4.93	2/24/2025	5.9	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-14	6.11	4.87	2/25/2025	5.57	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-18**	**6.54**	**5.74**	**2/25/2025**	**6.69**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002588**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-19	6.79	5.87	2/25/2025	6.59	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-20	6.826	6.137	2/25/2025	6.55	No	41	77297	10790	0	None	x^6	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.661	n/a	2/25/2025	3.6	No	23	1.402	0.9467	30.43	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWA-16	1.4	n/a	2/25/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1.3	n/a	2/26/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1.475	n/a	2/25/2025	0.48J	No	23	0.8815	0.1397	34.78	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	1.393	n/a	2/25/2025	0.4J	No	23	0.7193	0.2825	43.48	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**2/25/2025**	**20**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**2/25/2025**	**150**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-5	194.5	n/a	2/25/2025	58	No	11	105.8	30.15	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**2/24/2025**	**30**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**2/24/2025**	**3.5**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-8A	52.2	n/a	2/24/2025	21	No	23	26.37	10.83	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-9**	**18.9**	**n/a**	**2/24/2025**	**19**	**Yes**	**19**	**3.156**	**0.4807**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-10	6.536	n/a	2/24/2025	4.3	No	26	1.372	0.5072	11.54	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	2/24/2025	1ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	2/24/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.452	n/a	2/24/2025	0.41J	No	22	0.849	0.2507	50	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-14	1.2	n/a	2/25/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1.8	n/a	2/25/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.9	n/a	2/25/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1.4	n/a	2/25/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWA-15	83.74	n/a	2/25/2025	52	No	23	41.78	17.59	8.696	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWA-16	146.4	n/a	2/25/2025	110	No	23	98.43	20.08	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWA-17	130	n/a	2/26/2025	81	No	23	73.87	23.54	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-1	169.9	n/a	2/25/2025	150	No	23	135.1	14.61	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-2	173.5	n/a	2/25/2025	130	No	23	15773	6005	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-3**	**116.7**	**n/a**	**2/25/2025**	**130**	**Yes**	**23**	**81.7**	**14.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**2/25/2025**	**350**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-5	487.4	n/a	2/25/2025	200	No	11	280.9	70.21	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-6	183.3	n/a	2/24/2025	160	No	23	145.7	15.73	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-7	159.4	n/a	2/24/2025	150	No	23	122	15.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-8A	393.1	n/a	2/24/2025	260	No	22	241.8	62.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-9	199.9	n/a	2/24/2025	180	No	23	21860	7584	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-10	183.6	n/a	2/24/2025	150	No	22	135.8	19.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-11	140.3	n/a	2/24/2025	110	No	22	101.4	16.17	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-12	80.53	n/a	2/24/2025	31	No	23	2.578	0.7293	17.39	Kaplan-Meier	x^(1/3)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-13	112.5	n/a	2/24/2025	86	No	22	63.45	20.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-14	99.68	n/a	2/25/2025	66	No	23	58.17	17.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-18	126.9	n/a	2/25/2025	99	No	23	87.43	16.53	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-19	175	n/a	2/25/2025	140	No	23	103.7	29.86	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-20	150.8	n/a	2/25/2025	110	No	23	109.7	17.22	0	None	No	0.0004426	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-6**	**0.051**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**114**	**n/a**	**n/a**	**30.7**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-6**	**0.051**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	GWC-19	0.051	n/a	2/25/2025	0.033	No	114	n/a	n/a	0	n/a	n/a	0.0001512	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-20	0.051	n/a	2/25/2025	0.038	No	114	n/a	n/a	0	n/a	n/a	0.0001512	NP Inter (normality) 1 of 2
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**114**	**n/a**	**n/a**	**30.7**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-4	15	n/a	2/25/2025	46	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	15	n/a	2/24/2025	23	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	2/24/2025	19	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	15	n/a	2/24/2025	34	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	2/25/2025	18	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	2/25/2025	18	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	2/25/2025	28	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-9	6.76	4.81	2/24/2025	7.14	Yes	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.6	n/a	2/25/2025	20	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.6	n/a	2/25/2025	150	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.6	n/a	2/24/2025	30	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.6	n/a	2/24/2025	19	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
TDS (mg/L)	GWC-4	136.9	n/a	2/25/2025	350	Yes	72	71.76	30.7	2.778	None	No	0.0004426	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-3	15	n/a	2/25/2025	11	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**2/25/2025**	**46**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-6**	**15**	**n/a**	**2/24/2025**	**23**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-7**	**15**	**n/a**	**2/24/2025**	**19**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-9**	**15**	**n/a**	**2/24/2025**	**34**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-12	15	n/a	2/24/2025	1.7	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**2/25/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**15**	**n/a**	**2/25/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**2/25/2025**	**28**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	GWC-7	7.2	n/a	2/24/2025	6.5	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	7.2	n/a	2/24/2025	6.3	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-6	6.76	4.81	2/24/2025	6.5	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-7	6.76	4.81	2/24/2025	6.67	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
pH, Field (SU)	**GWC-9**	**6.76**	**4.81**	**2/24/2025**	**7.14**	**Yes**	**115**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002967**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	GWC-18	6.76	4.81	2/25/2025	6.69	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**2/25/2025**	**20**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**2/25/2025**	**150**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-6**	**3.6**	**n/a**	**2/24/2025**	**30**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	GWC-7	3.6	n/a	2/24/2025	3.5	No	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**GWC-9**	**3.6**	**n/a**	**2/24/2025**	**19**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	GWC-3	136.9	n/a	2/25/2025	130	No	72	71.76	30.7	2.778	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	**GWC-4**	**136.9**	**n/a**	**2/25/2025**	**350**	**Yes**	**72**	**71.76**	**30.7**	**2.778**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:33 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-17 (bg)	-0.0006179	-249	-206	Yes	38	0	n/a	0.01	NP
Barium (mg/L)	GWC-4	0.00244	557	214	Yes	39	0	n/a	0.01	NP
Barium (mg/L)	GWC-19	0.001106	433	206	Yes	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2764	156	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.906	223	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.3603	162	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.169	246	118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	GWC-20	0.3925	121	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1133	117	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.03414	-126	-105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWC-4	2.078	251	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2885	184	105	Yes	24	0	n/a	0.01	NP
Chromium (mg/L)	GWA-16 (bg)	0.0001503	240	206	Yes	38	0	n/a	0.01	NP
Chromium (mg/L)	GWA-17 (bg)	0.0002086	309	206	Yes	38	0	n/a	0.01	NP
pH, Field (SU)	GWA-17 (bg)	0.04103	401	206	Yes	38	0	n/a	0.01	NP
pH, Field (SU)	GWC-18	0.01748	273	214	Yes	39	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.2033	162	105	Yes	24	29.17	n/a	0.01	NP
Sulfate (mg/L)	GWC-3	0.3472	146	131	Yes	28	39.29	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	4.944	196	118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	GWC-4	17.7	218	111	Yes	25	0	n/a	0.01	NP
Vanadium (mg/L)	GWA-16 (bg)	0.0002041	214	167	Yes	33	3.03	n/a	0.01	NP
Vanadium (mg/L)	GWA-17 (bg)	0.0001613	231	167	Yes	33	12.12	n/a	0.01	NP

Appendix I & III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-15 (bg)	0.00002022	119	206	No	38	0	n/a	0.01	NP
Barium (mg/L)	GWA-16 (bg)	-0.0001203	-105	-206	No	38	0	n/a	0.01	NP
Barium (mg/L)	**GWA-17 (bg)**	**-0.0006179**	**-249**	**-206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-4**	**0.00244**	**557**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-6	0.0002986	116	206	No	38	0	n/a	0.01	NP
Barium (mg/L)	**GWC-19**	**0.001106**	**433**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-20	0.0002056	131	206	No	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	9	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.1898	79	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-17 (bg)**	**0.2764**	**156**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-3	-0.2115	-47	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-4**	**1.906**	**223**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-6	-0.2422	-65	-111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-7**	**0.3603**	**162**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-9	0.4288	116	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	GWC-12	0.01692	55	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-19**	**1.169**	**246**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-20**	**0.3925**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-15 (bg)**	**0.1133**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-16 (bg)	0	-43	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**GWA-17 (bg)**	**-0.03414**	**-126**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-4**	**2.078**	**251**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-7**	**0.2885**	**184**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-9	0.1206	95	105	No	24	0	n/a	0.01	NP
Chromium (mg/L)	GWA-15 (bg)	0	2	206	No	38	92.11	n/a	0.01	NP
Chromium (mg/L)	**GWA-16 (bg)**	**0.0001503**	**240**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-17 (bg)**	**0.0002086**	**309**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWC-7	0.00003191	45	214	No	39	0	n/a	0.01	NP
pH, Field (SU)	GWA-15 (bg)	-0.006807	-106	-214	No	39	0	n/a	0.01	NP
pH, Field (SU)	GWA-16 (bg)	0.01077	136	206	No	38	0	n/a	0.01	NP
pH, Field (SU)	**GWA-17 (bg)**	**0.04103**	**401**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-6	0.008611	1.768	2.58	No	41	0	n/a	0.01	NP
pH, Field (SU)	GWC-7	0.01046	155	223	No	40	0	n/a	0.01	NP
pH, Field (SU)	GWC-9	0.01219	153	223	No	40	0	n/a	0.01	NP
pH, Field (SU)	**GWC-18**	**0.01748**	**273**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Selenium (mg/L)	GWA-15 (bg)	0	-3	-206	No	38	97.37	n/a	0.01	NP
Selenium (mg/L)	GWA-16 (bg)	0	8	206	No	38	92.11	n/a	0.01	NP
Selenium (mg/L)	GWA-17 (bg)	0	13	206	No	38	94.74	n/a	0.01	NP
Selenium (mg/L)	GWC-4	0	-140	-206	No	38	78.95	n/a	0.01	NP
Sulfate (mg/L)	**GWA-15 (bg)**	**0.2033**	**162**	**105**	**Yes**	**24**	**29.17**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-16 (bg)	0	16	105	No	24	83.33	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	31	105	No	24	79.17	n/a	0.01	NP
Sulfate (mg/L)	**GWC-3**	**0.3472**	**146**	**131**	**Yes**	**28**	**39.29**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-4**	**4.944**	**196**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-6	0.459	58	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-7	0	89	105	No	24	66.67	n/a	0.01	NP
Sulfate (mg/L)	GWC-9	0.9337	102	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	GWA-15 (bg)	1.809	78	105	No	24	8.333	n/a	0.01	NP
TDS (mg/L)	GWA-16 (bg)	1.73	40	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	GWA-17 (bg)	3.043	90	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	GWC-3	1.613	46	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**GWC-4**	**17.7**	**218**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-15 (bg)	0	-58	-167	No	33	78.79	n/a	0.01	NP
Vanadium (mg/L)	**GWA-16 (bg)**	**0.0002041**	**214**	**167**	**Yes**	**33**	**3.03**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	**GWA-17 (bg)**	**0.0001613**	**231**	**167**	**Yes**	**33**	**12.12**	**n/a**	**0.01**	**NP**

Appendix I Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-6	0.06535	n/a	4/22/2025	0.065	No	37	0.05372	0.004755	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:29 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**4/22/2025**	**60**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**4/22/2025**	**20**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**4/22/2025**	**45**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**4/23/2025**	**18**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**4/22/2025**	**180**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**4/22/2025**	**38**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**4/22/2025**	**470**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:29 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**4/22/2025**	**60**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-6	21.45	n/a	4/22/2025	21	No	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**4/22/2025**	**20**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**4/22/2025**	**45**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-3	6.271	5.576	4/23/2025	5.88	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	4/22/2025	6.18	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	4/22/2025	6.23	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	4/22/2025	6.56	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-19	6.79	5.87	4/22/2025	6.21	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**4/23/2025**	**18**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**4/22/2025**	**180**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**4/22/2025**	**38**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**4/22/2025**	**470**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

Appendix I Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:40 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:32 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**4/22/2025**	**60**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**4/22/2025**	**20**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**4/22/2025**	**45**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**4/23/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**4/22/2025**	**180**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-6**	**3.6**	**n/a**	**4/22/2025**	**38**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	**GWC-4**	**136.9**	**n/a**	**4/22/2025**	**470**	**Yes**	**72**	**71.76**	**30.7**	**2.778**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

FIGURE A.

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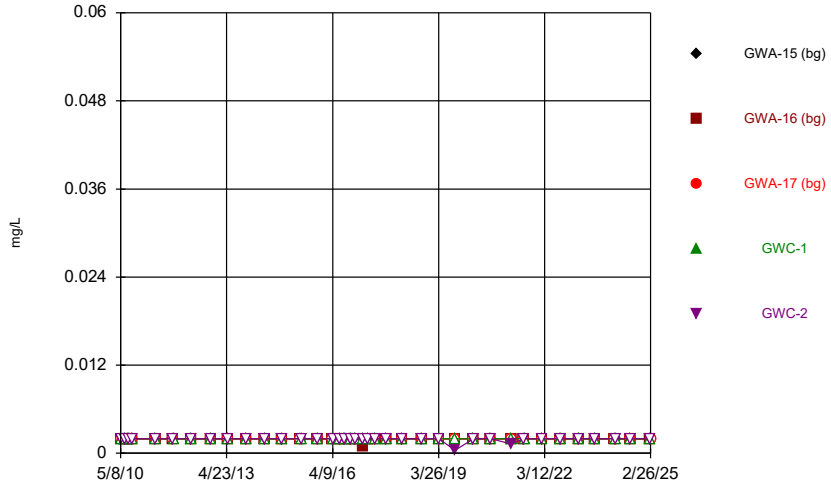

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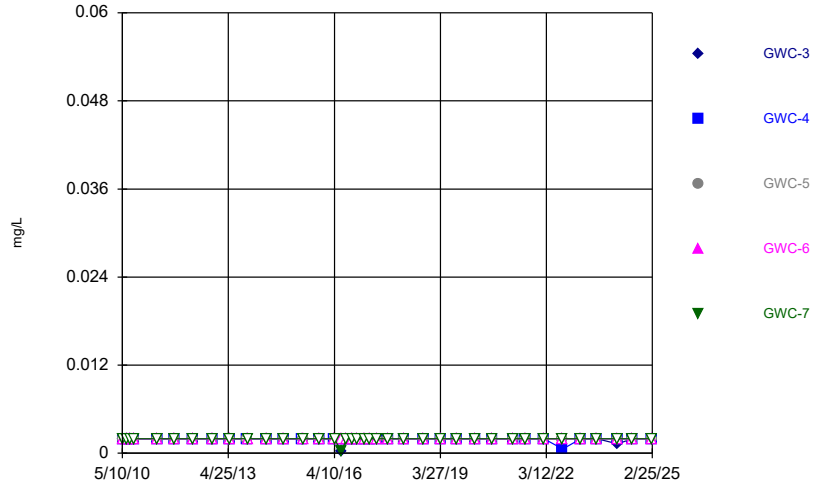

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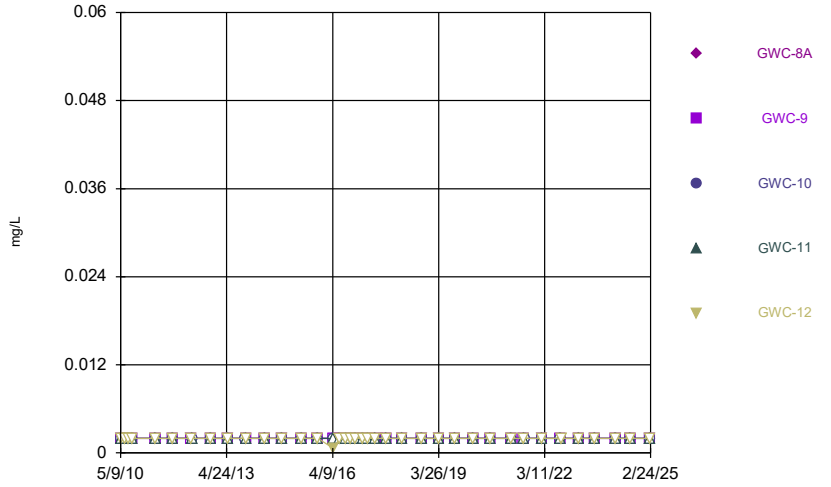

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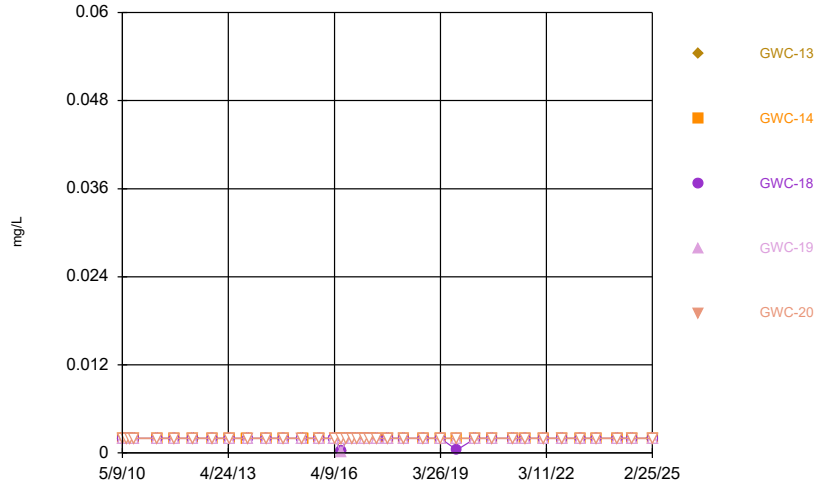

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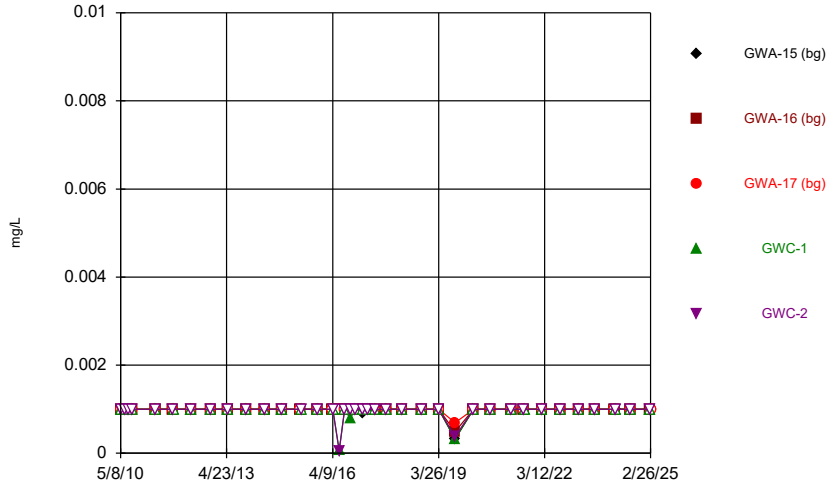

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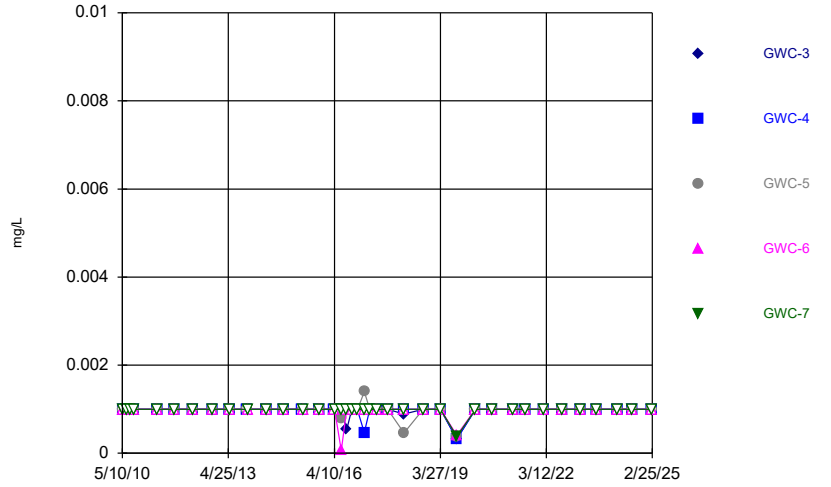

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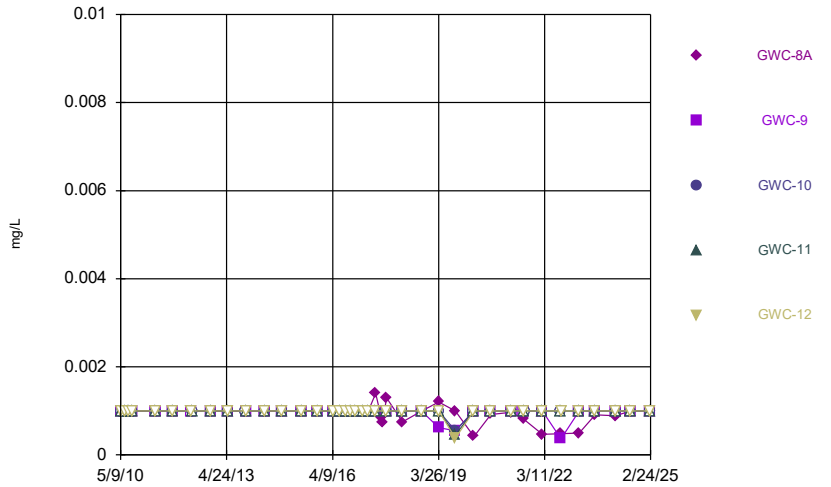

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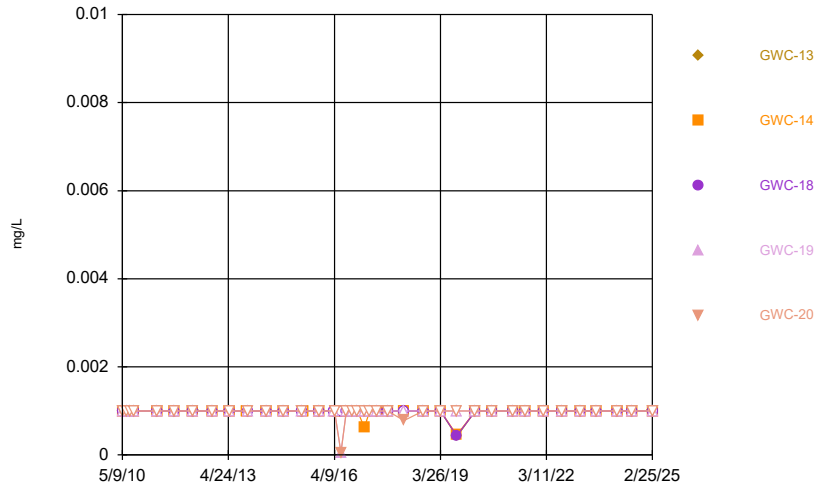

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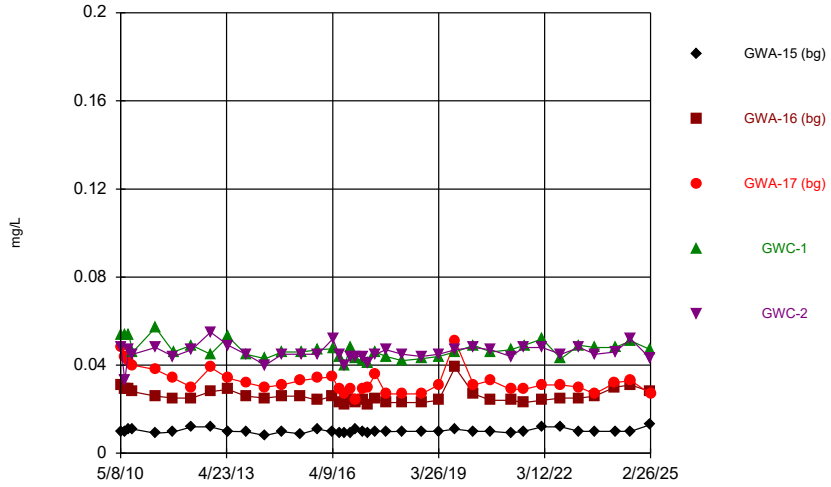

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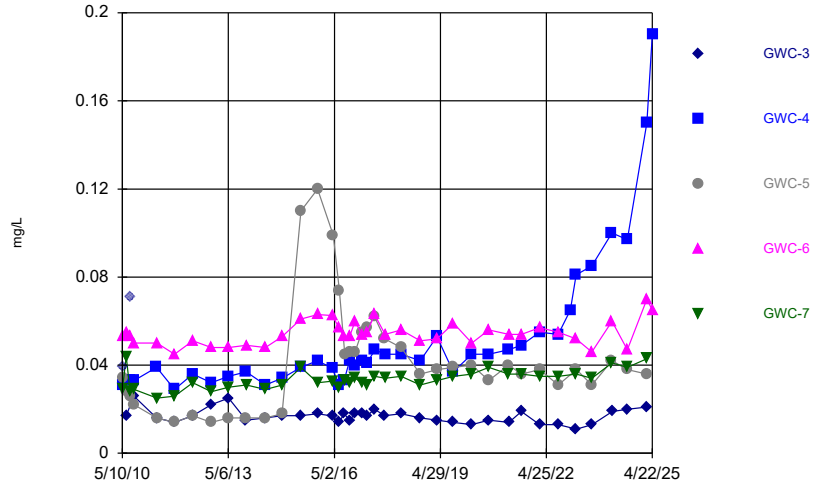

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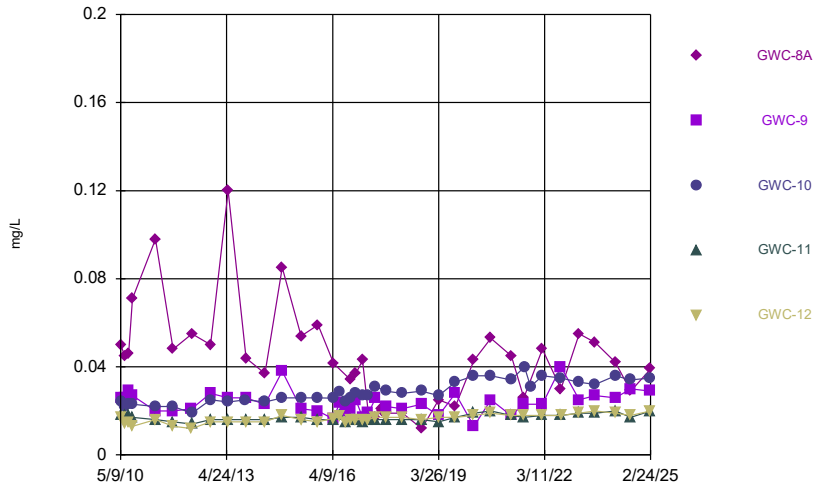

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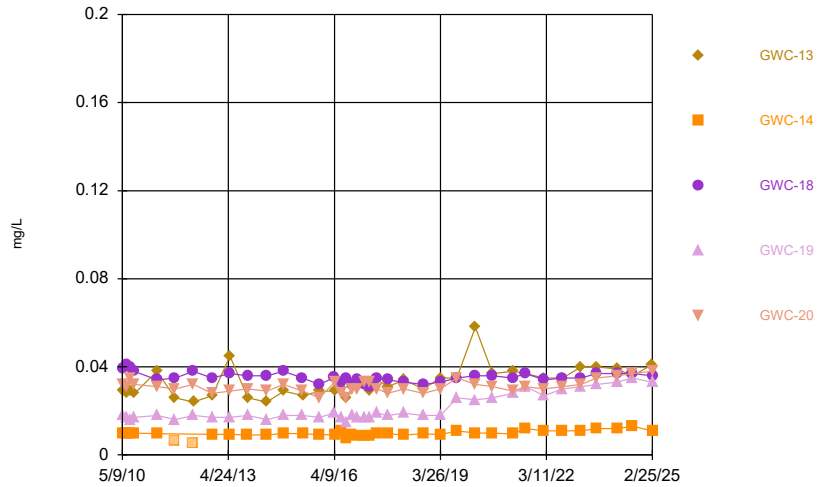

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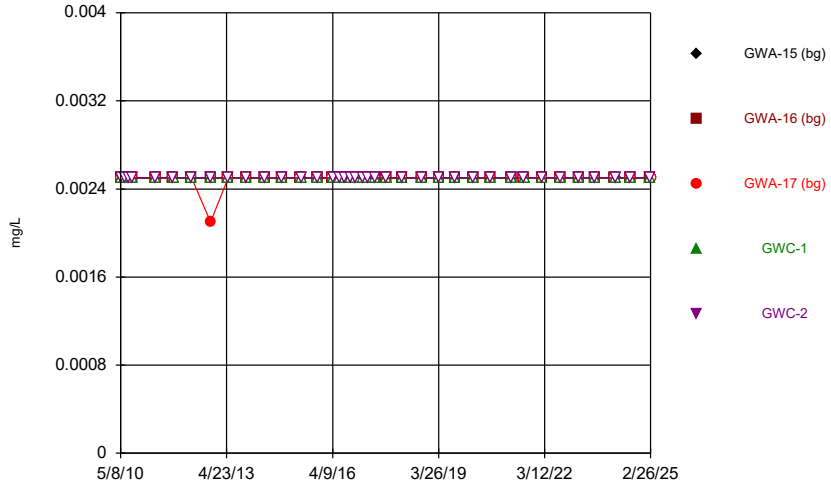

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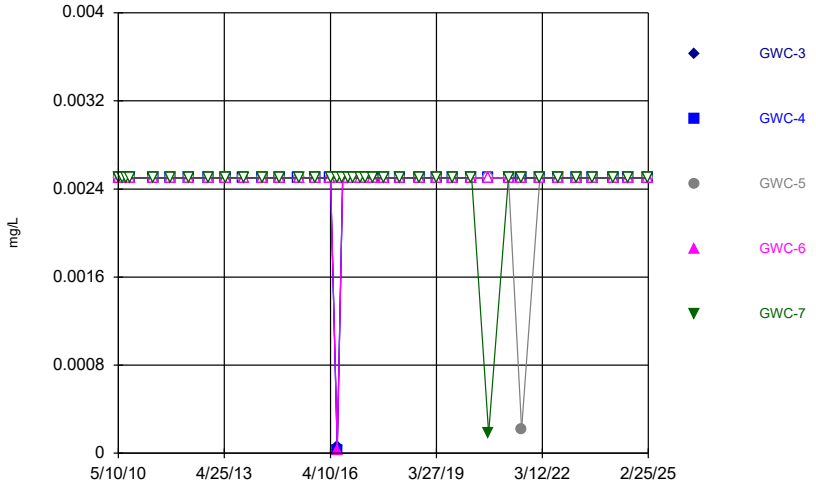

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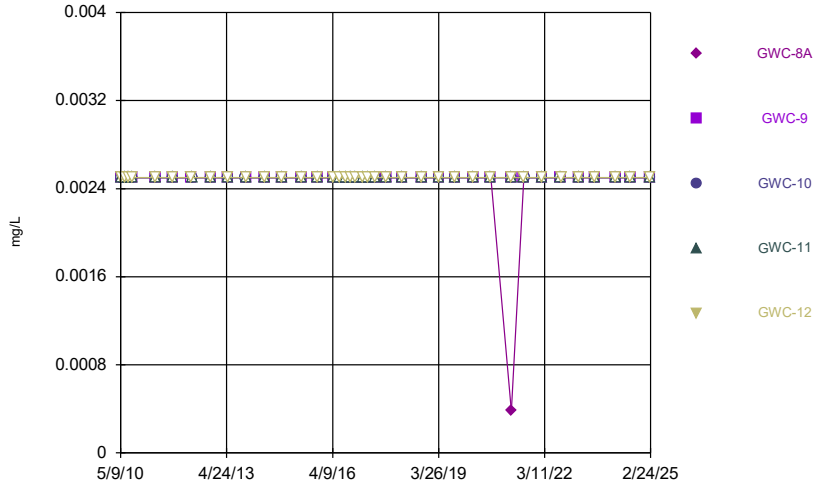

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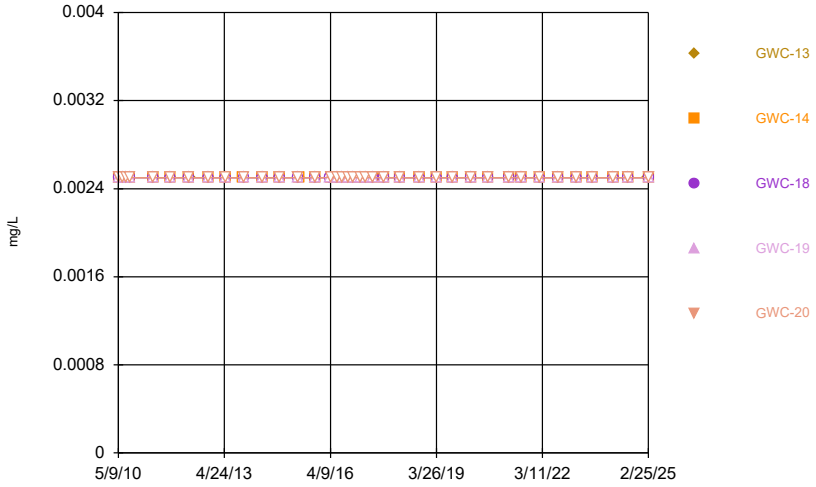

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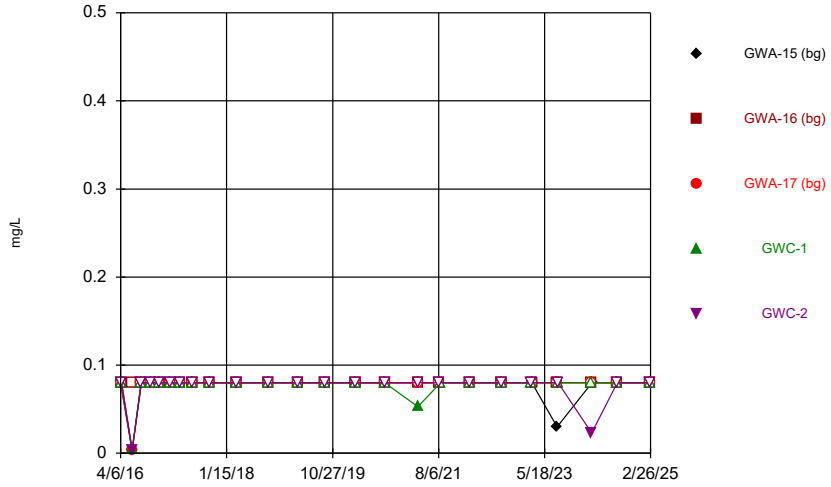

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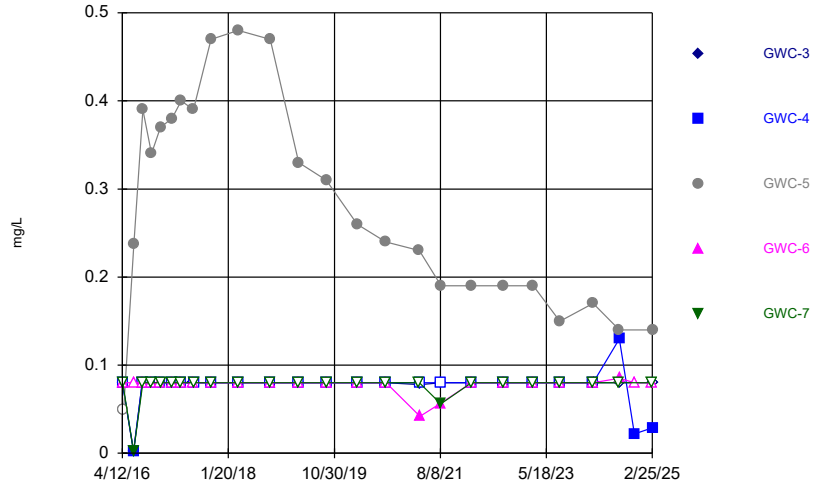

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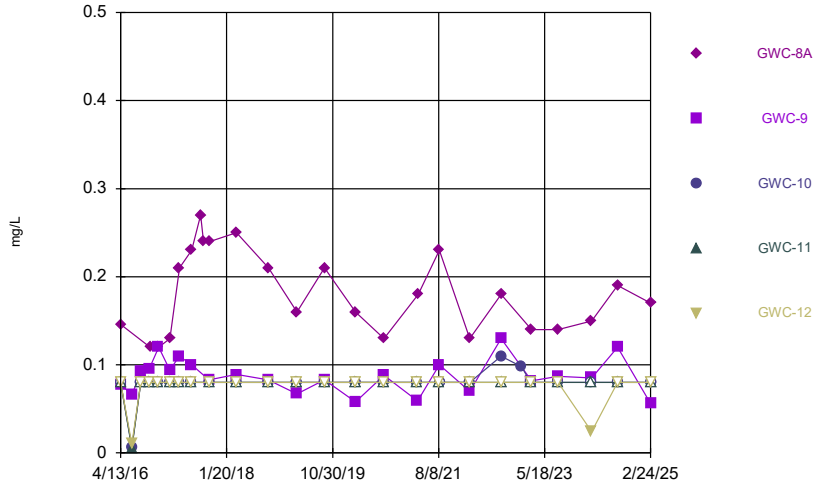

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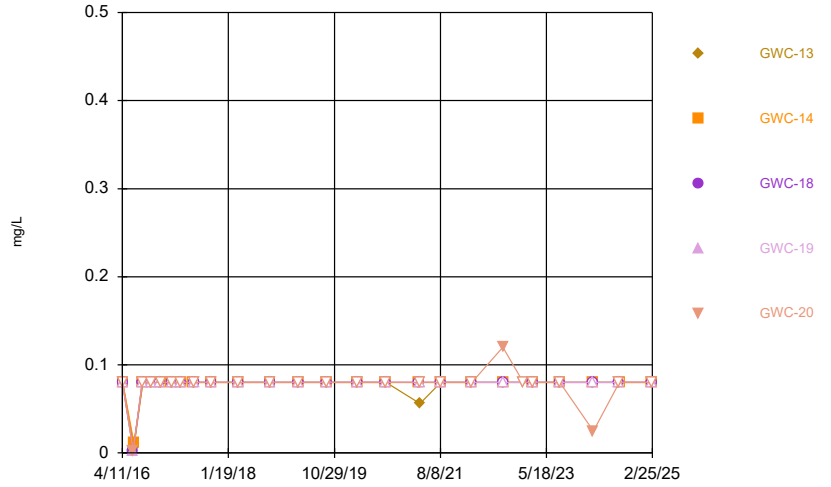

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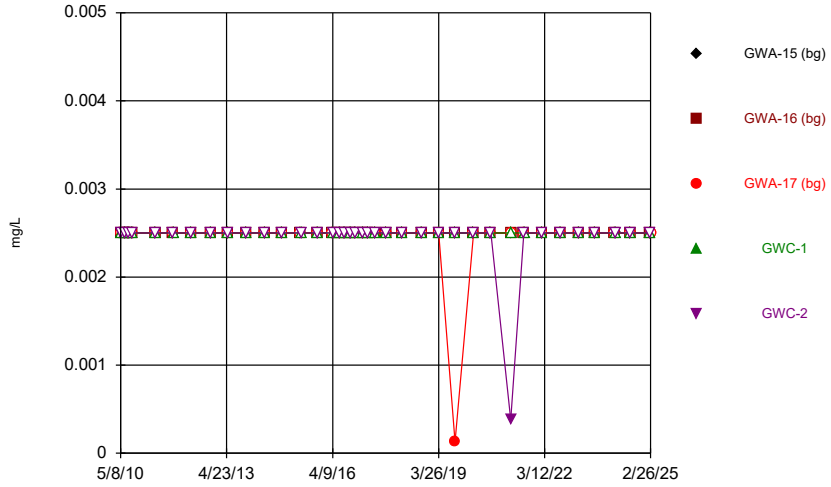

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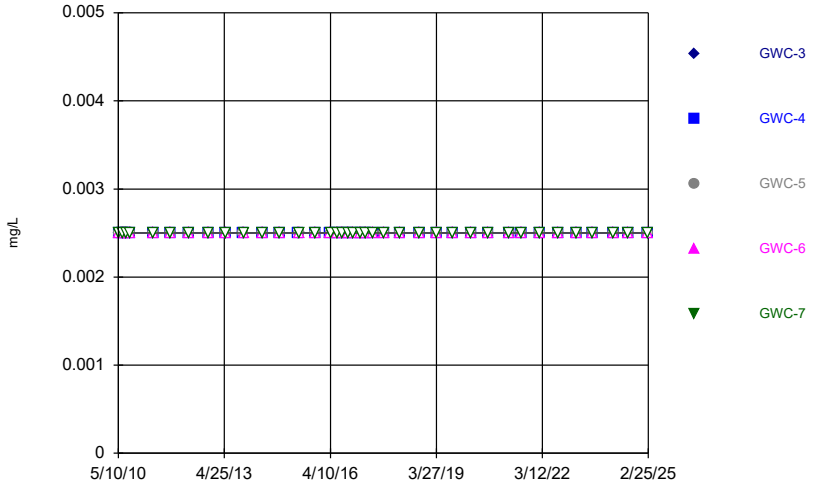

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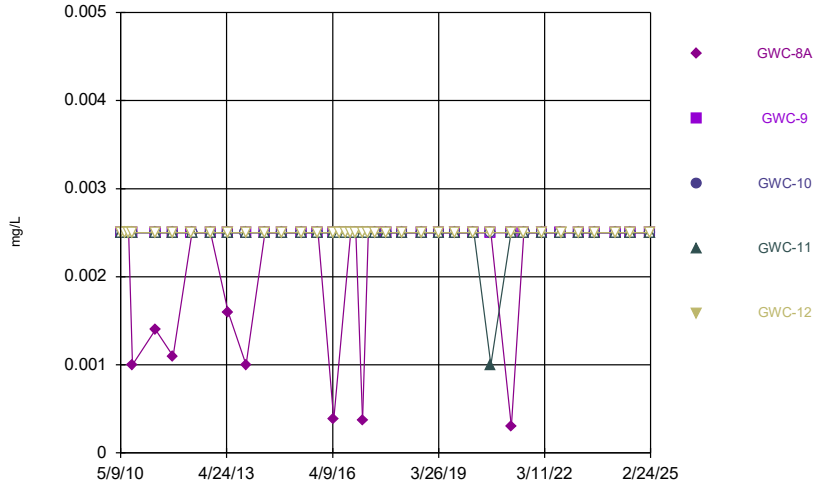

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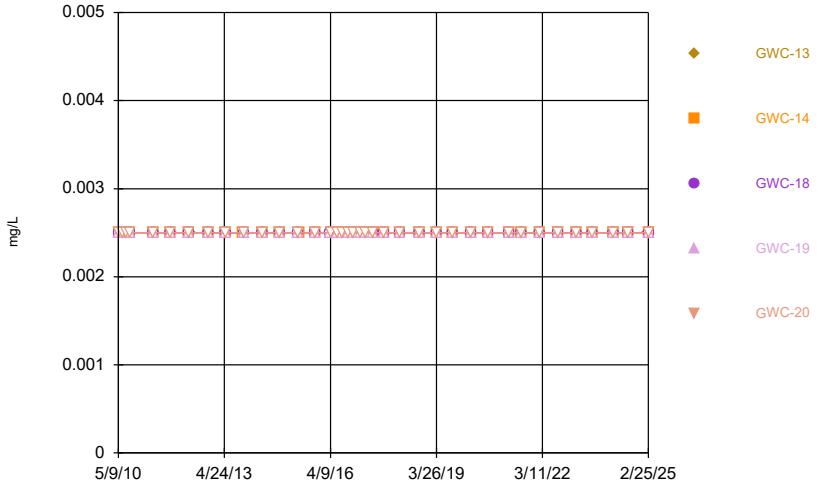

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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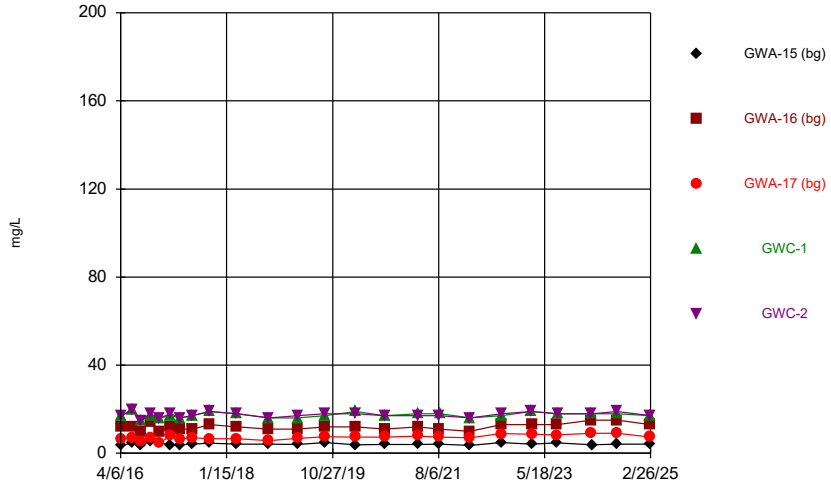
Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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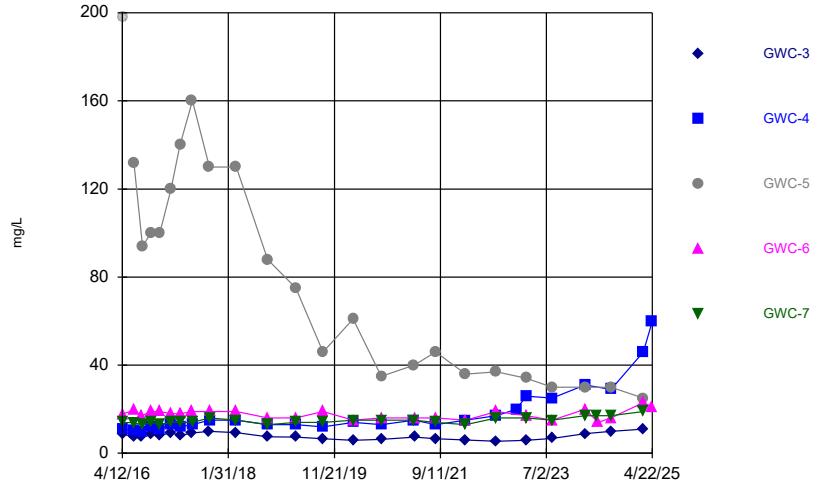
Time Series



Constituent: Calcium Analysis Run 6/18/2025 3:48 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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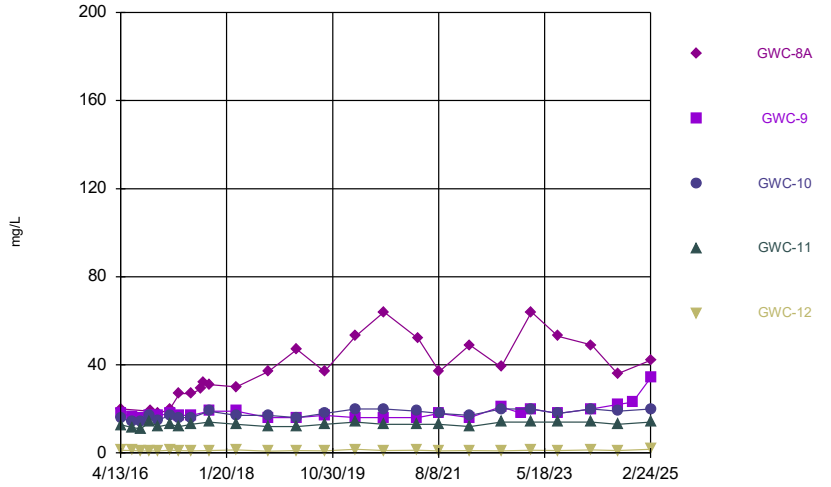
Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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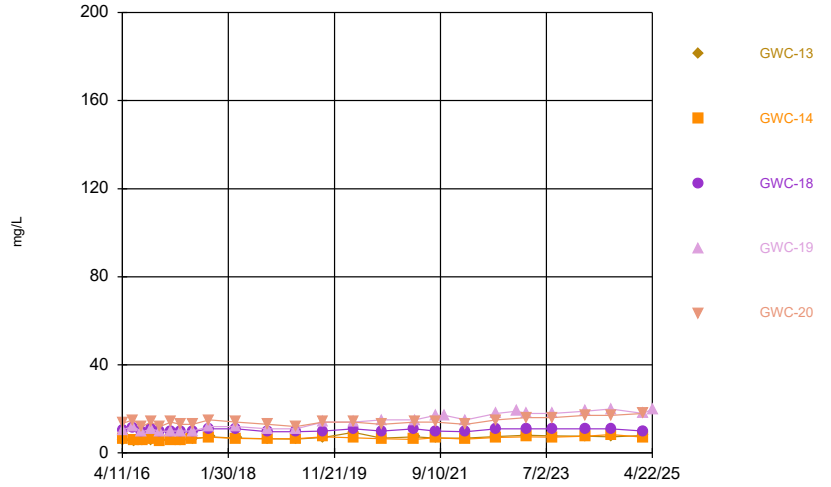
Time Series



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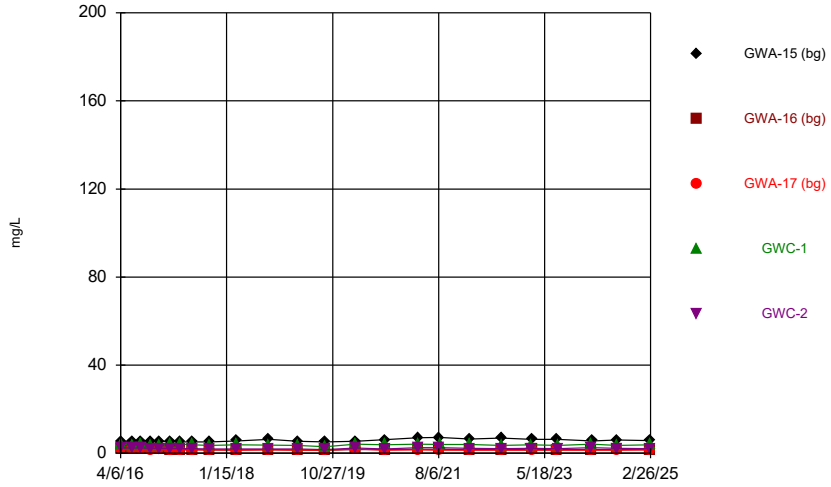
Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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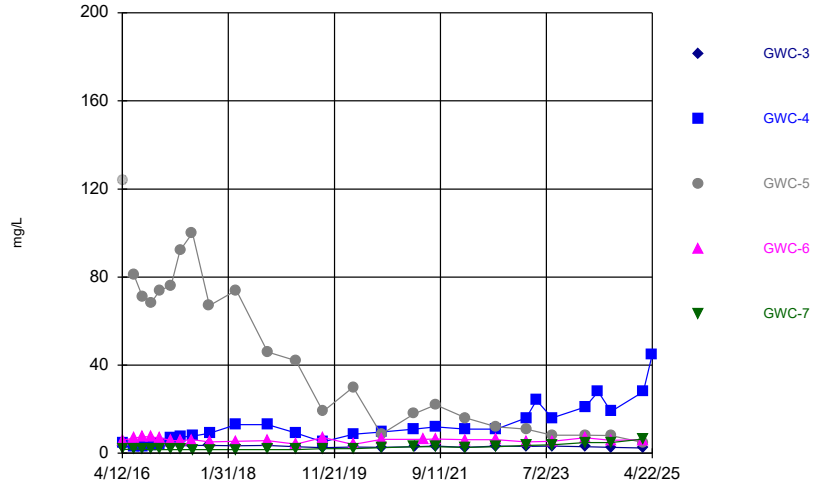
Time Series



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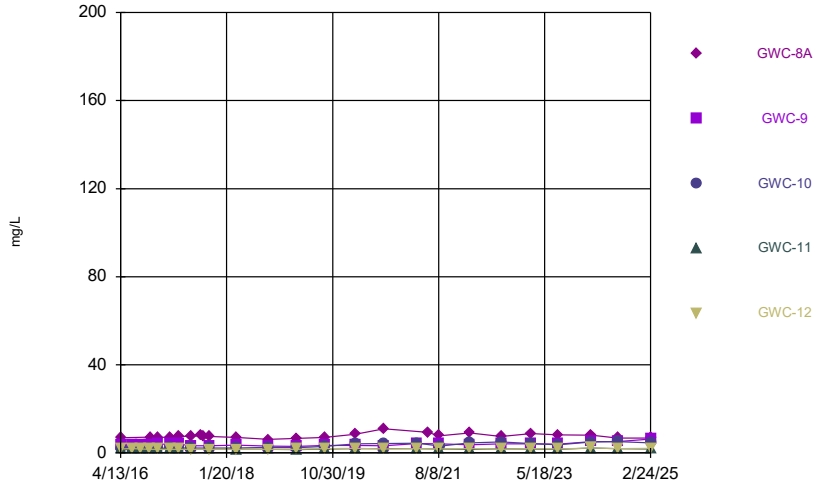
Time Series



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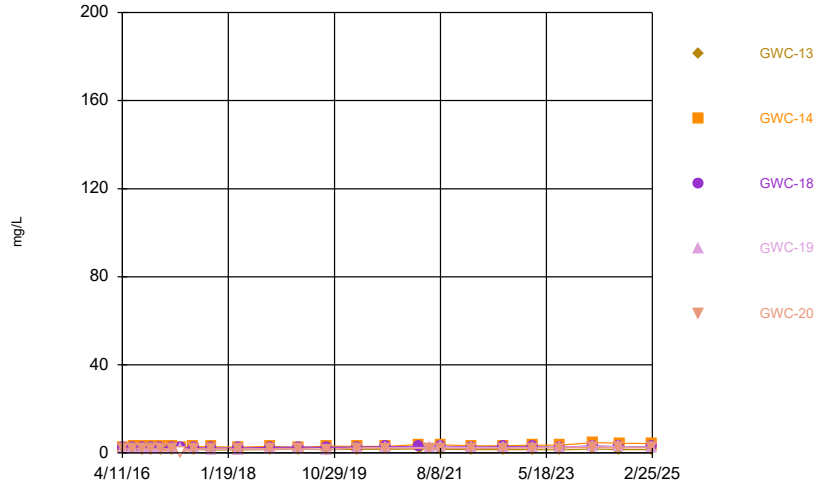
Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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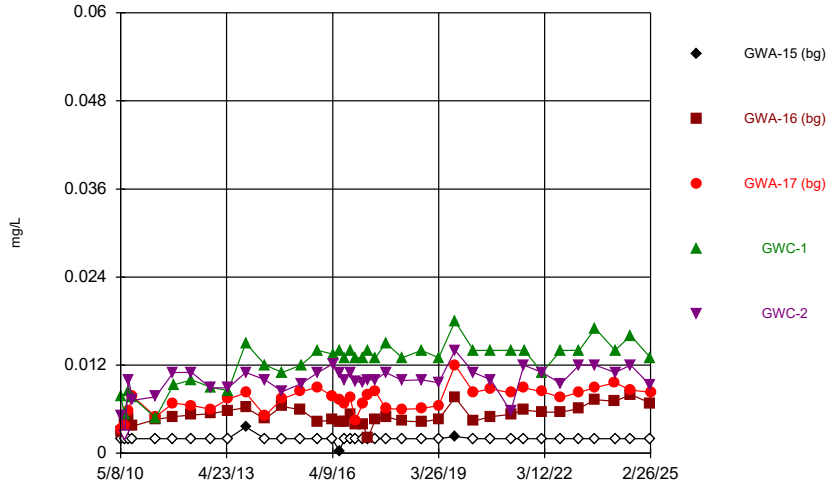
Hollow symbols indicate censored values.

Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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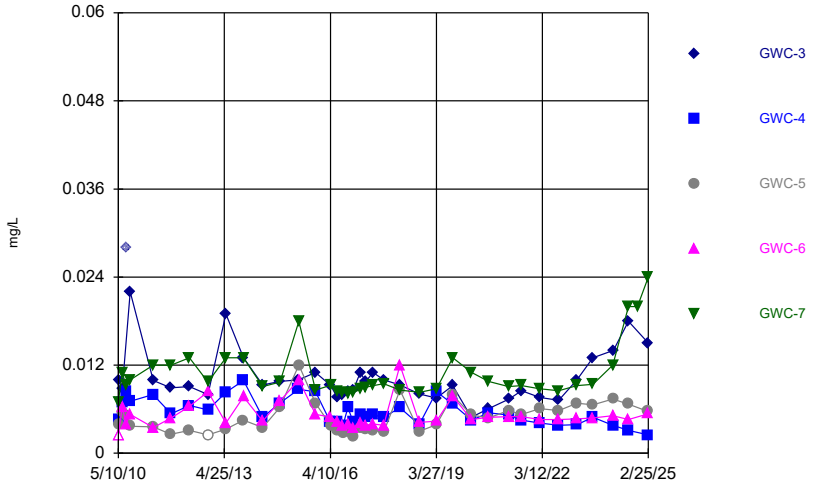
Hollow symbols indicate censored values.

Time Series



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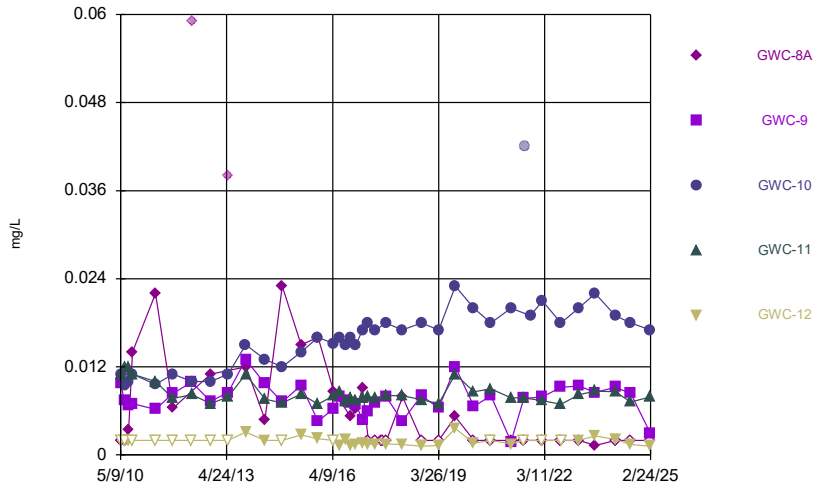
Hollow symbols indicate censored values.

Time Series



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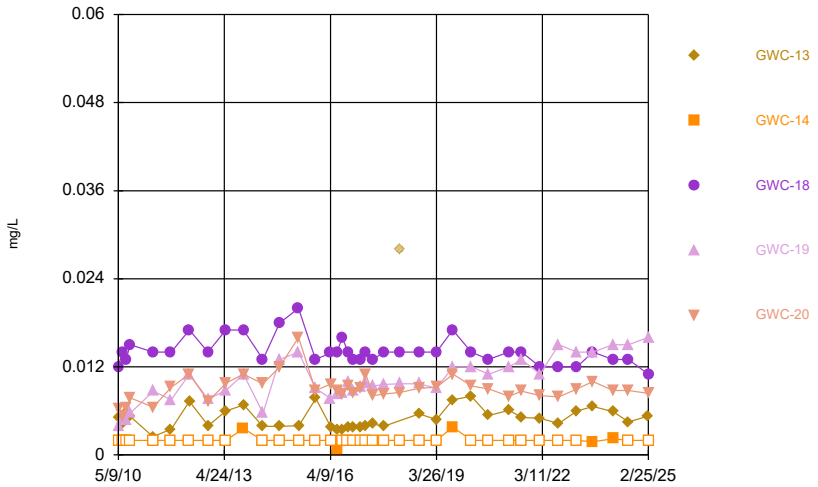

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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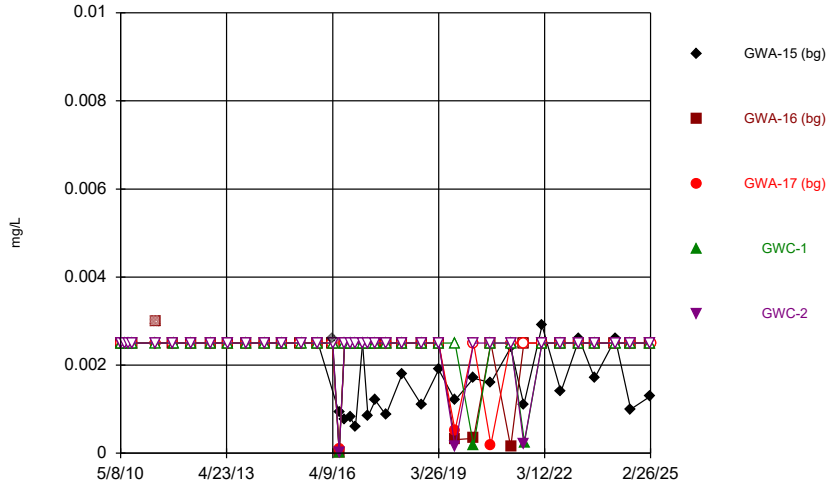
Hollow symbols indicate censored values.

Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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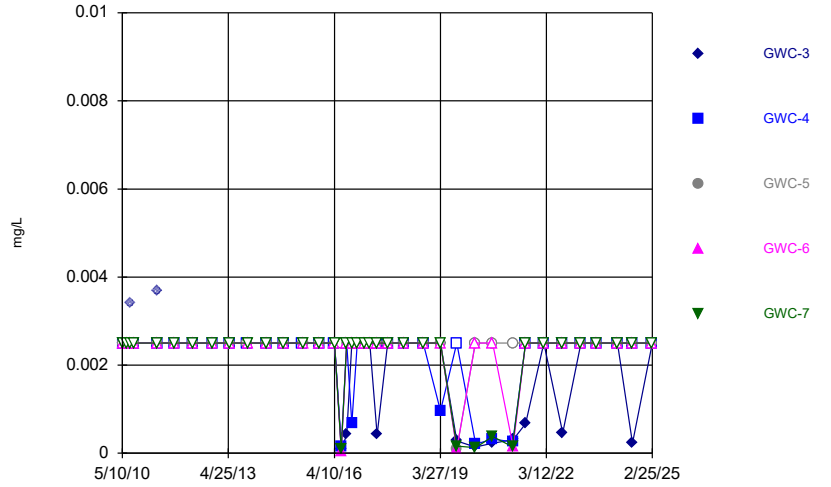
Hollow symbols indicate censored values.

Time Series



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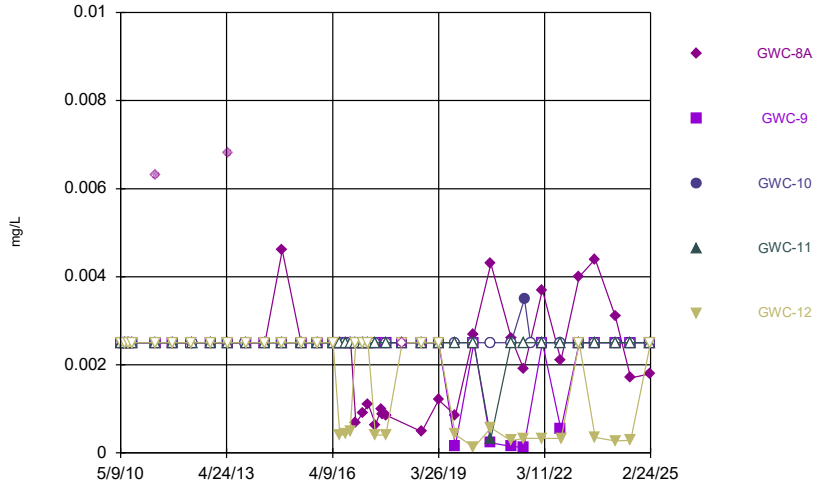
Hollow symbols indicate censored values.

Time Series



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Hollow symbols indicate censored values.

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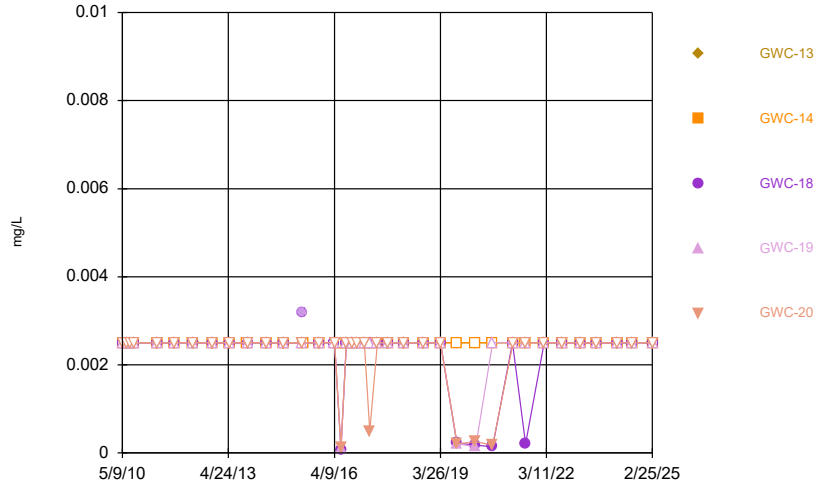

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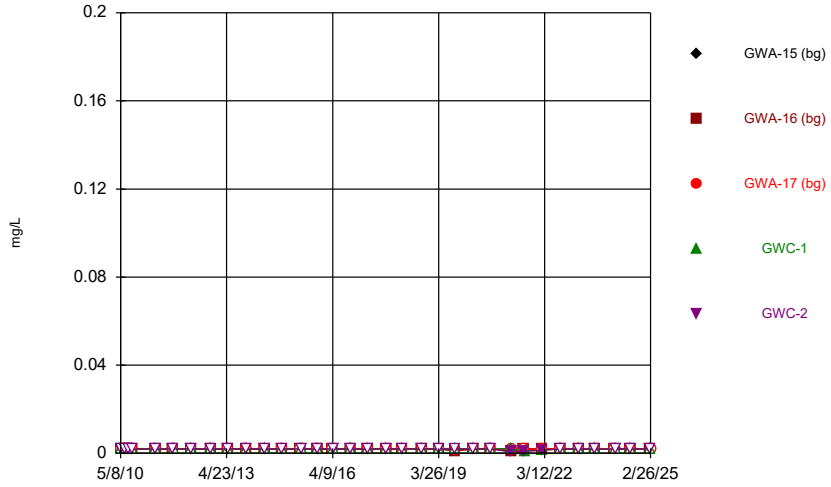
Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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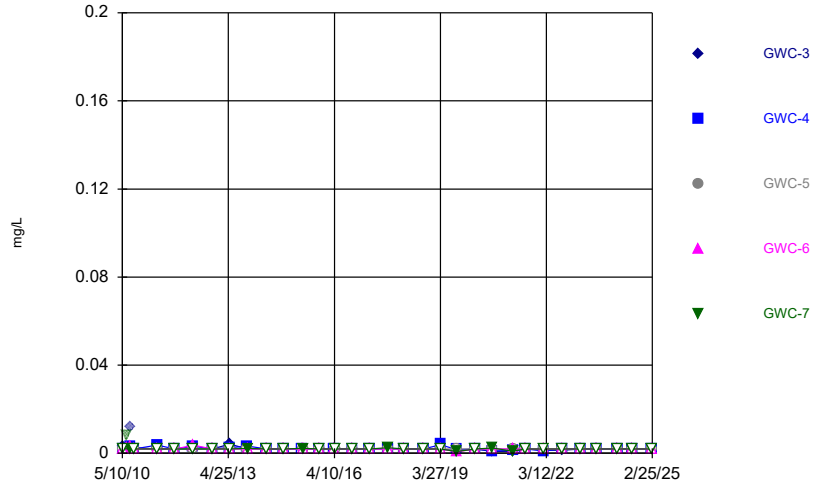
Hollow symbols indicate censored values.

Time Series



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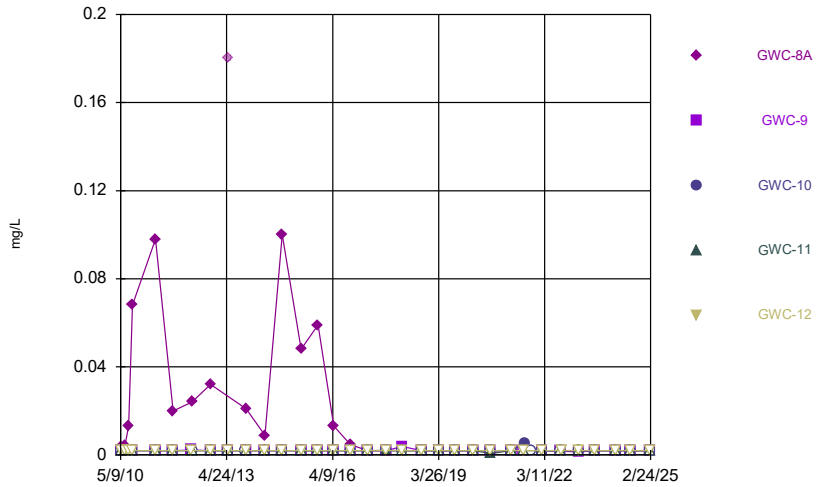

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Time Series

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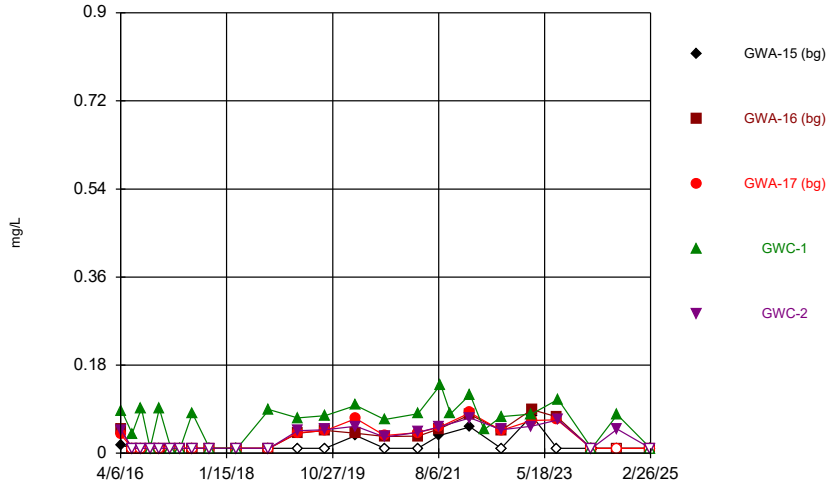

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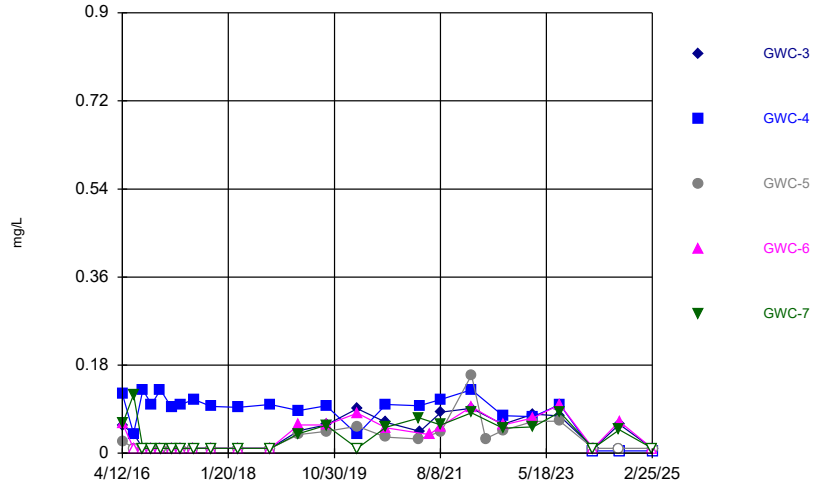

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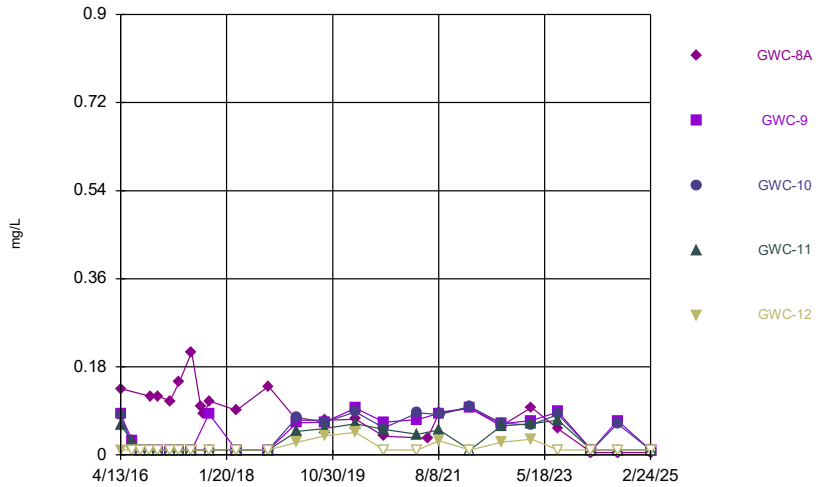

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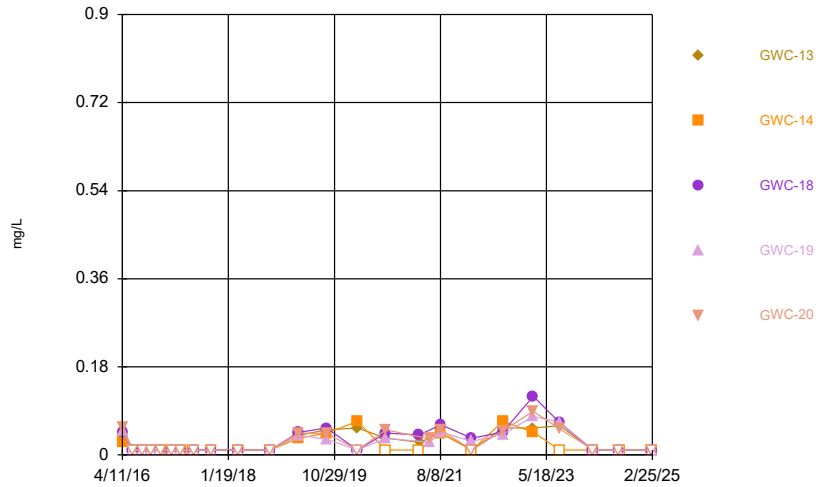

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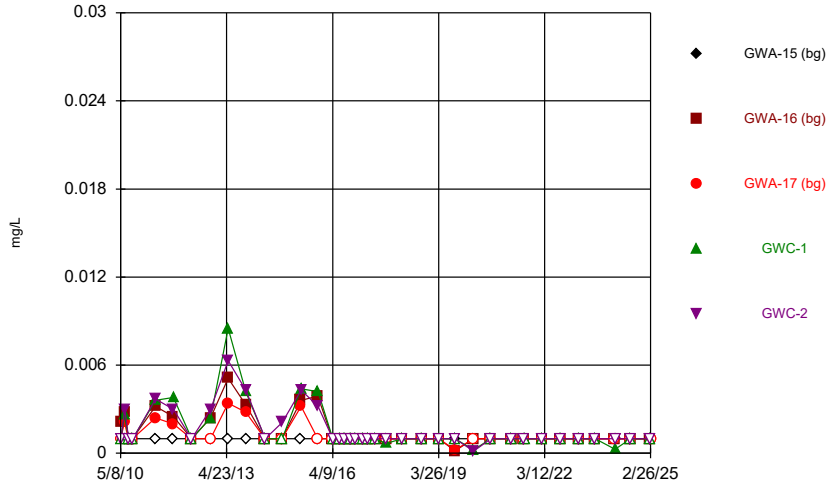

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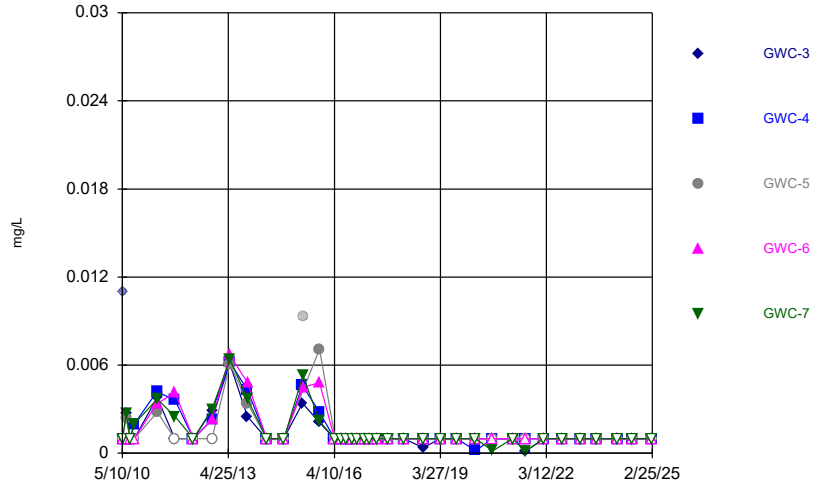
Time Series



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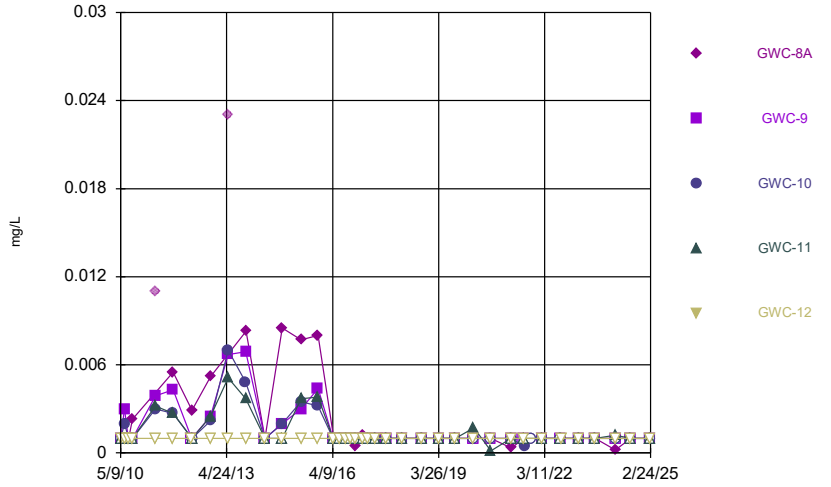

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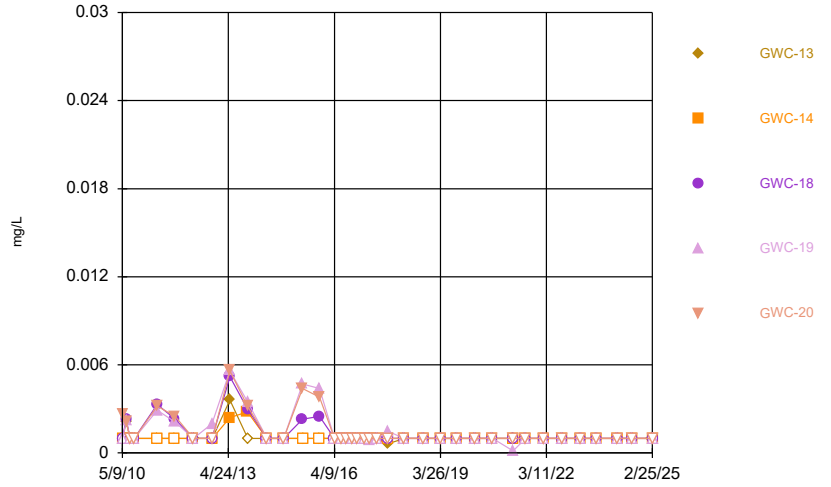

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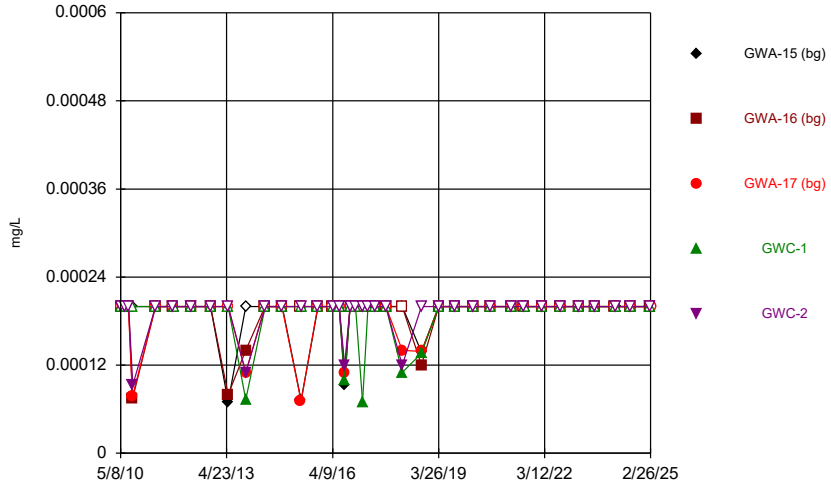

Constituent: Mercury Analysis Run 6/18/2025 3:49 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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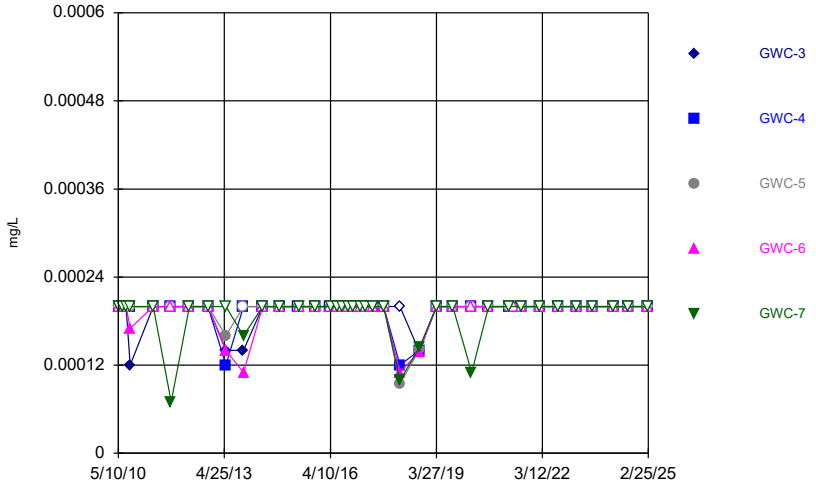
Hollow symbols indicate censored values.

Time Series



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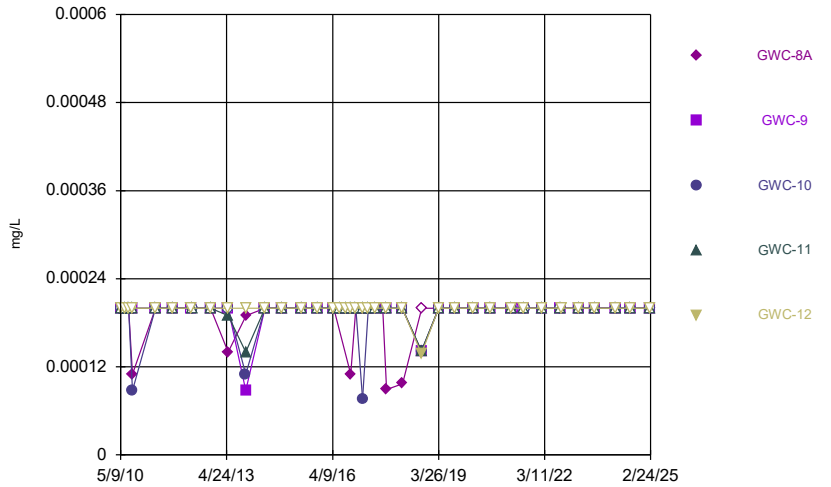

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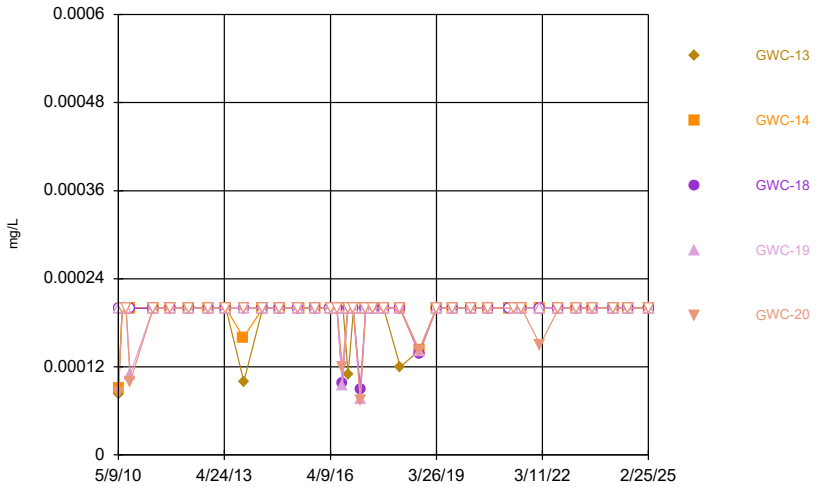

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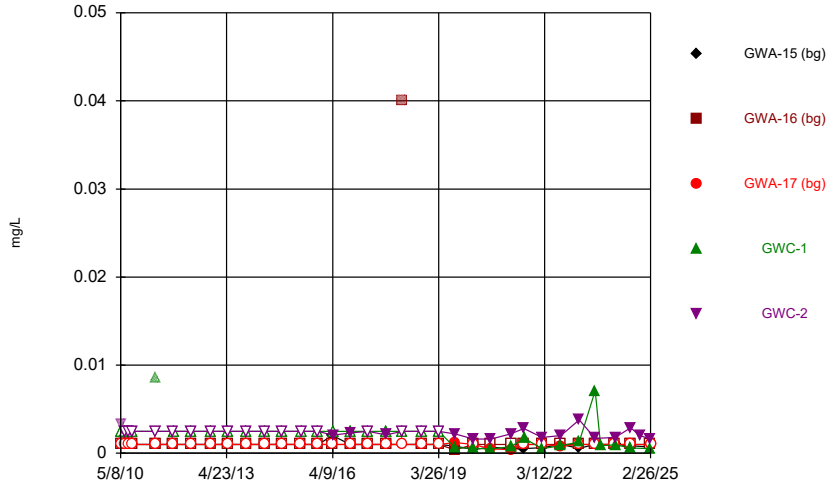

Constituent: Nickel Analysis Run 6/18/2025 3:49 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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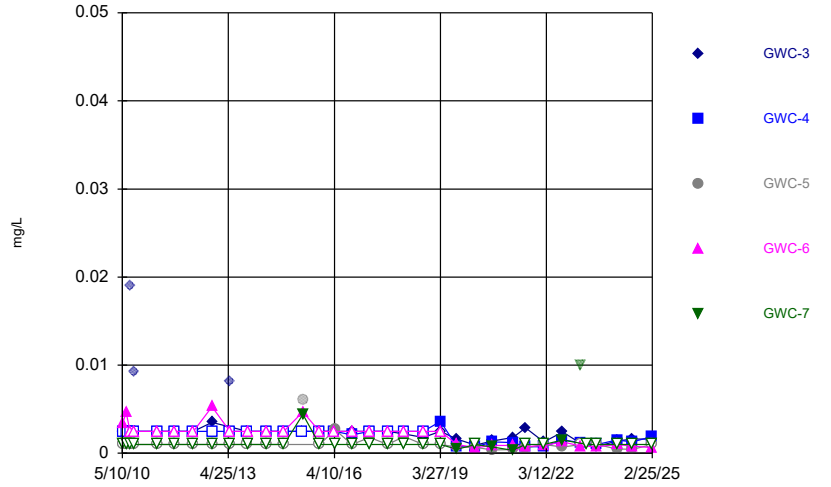
Hollow symbols indicate censored values.

Time Series



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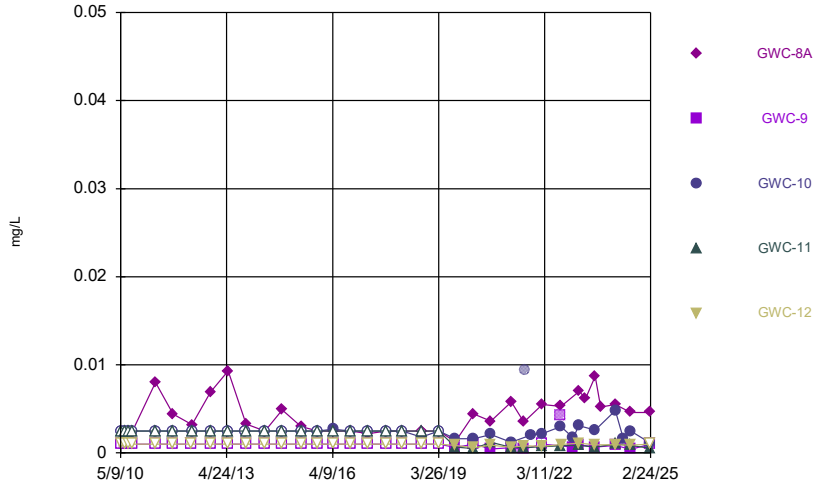
Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

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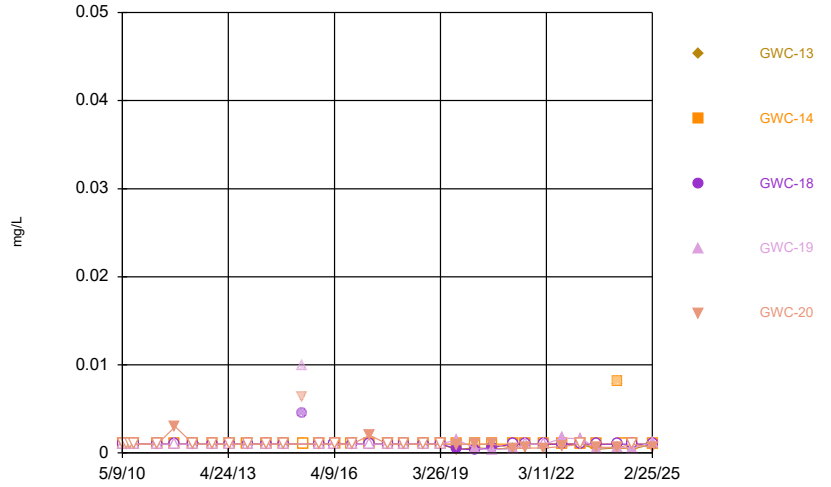

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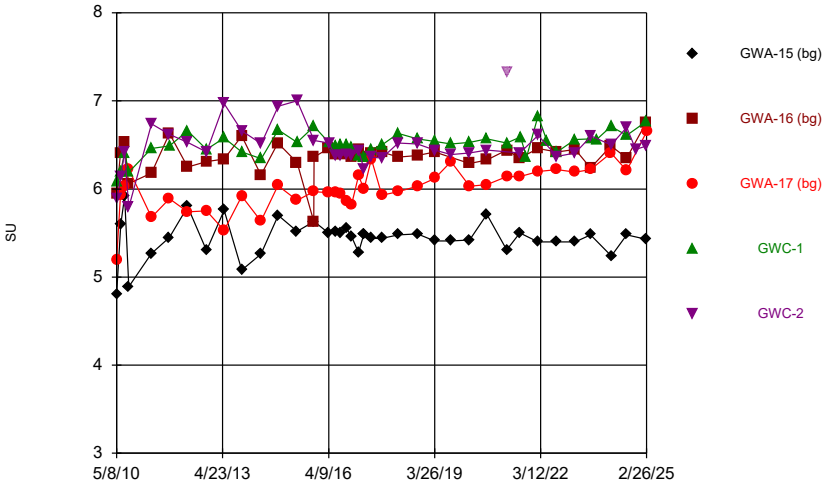
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Time Series



Constituent: pH, Field Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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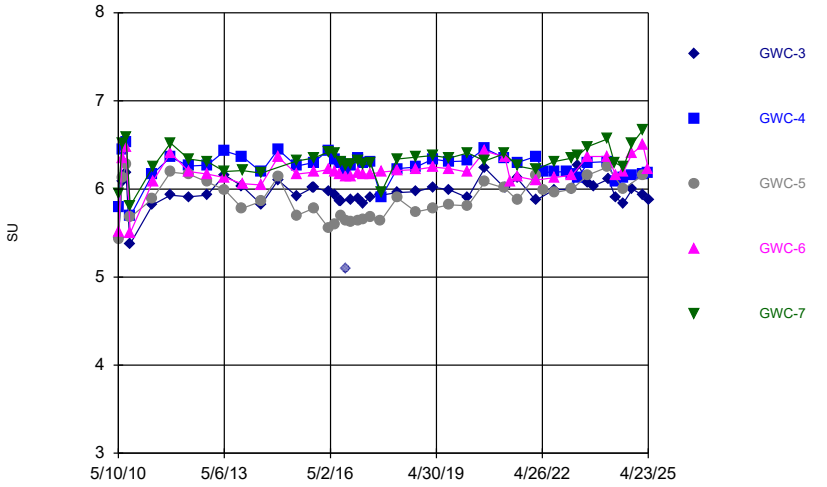
Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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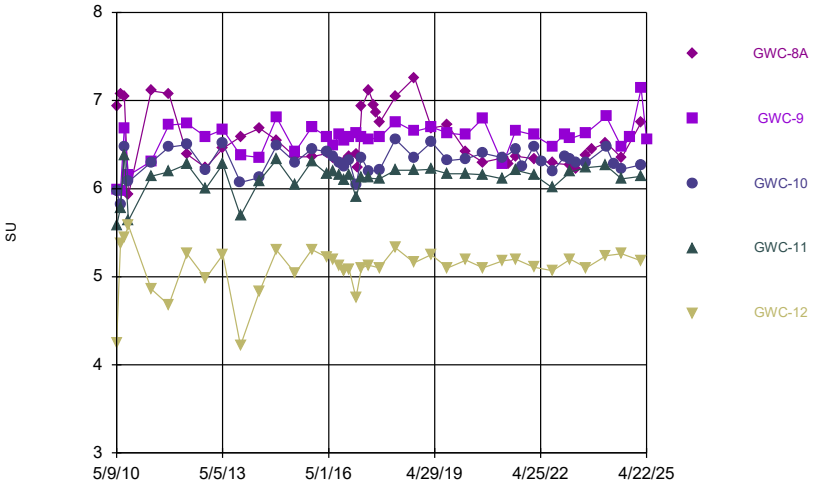
Time Series



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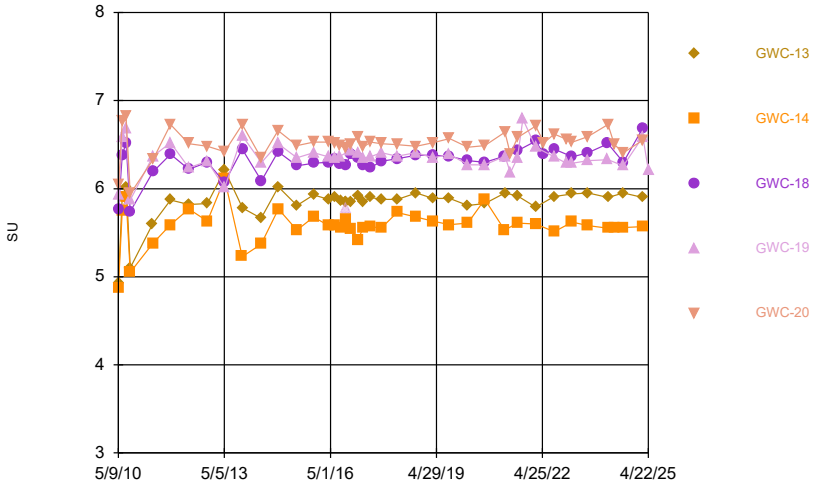
Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Time Series



Constituent: pH, Field Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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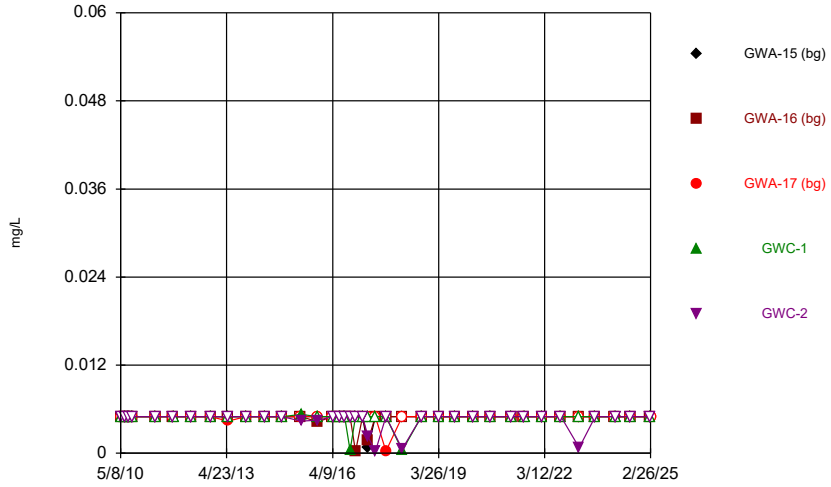
Hollow symbols indicate censored values.

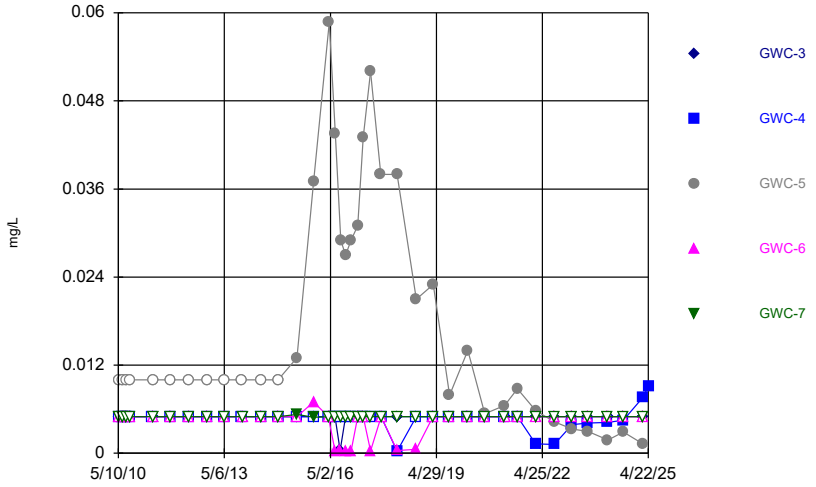
Time Series



Constituent: Selenium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

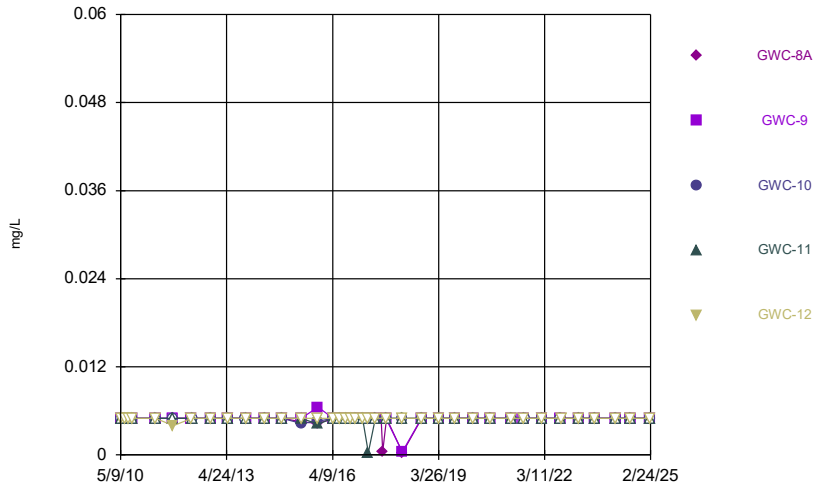
Time Series



Constituent: Selenium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

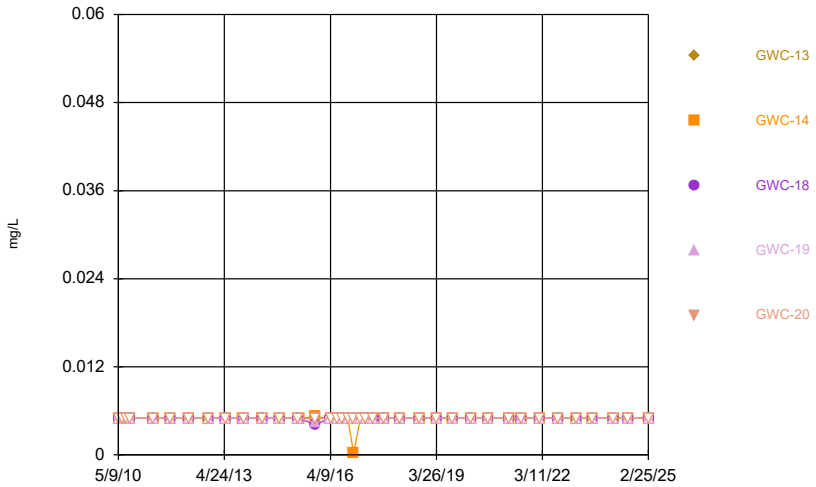
Time Series



Constituent: Selenium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

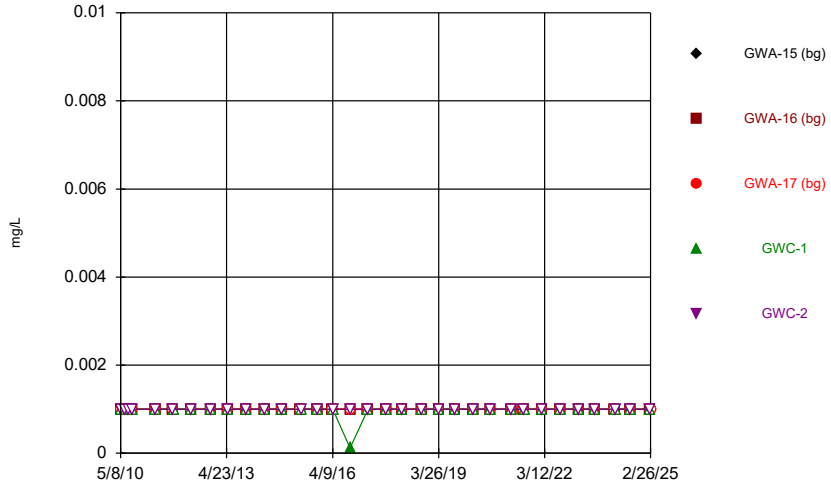
Time Series



Constituent: Selenium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

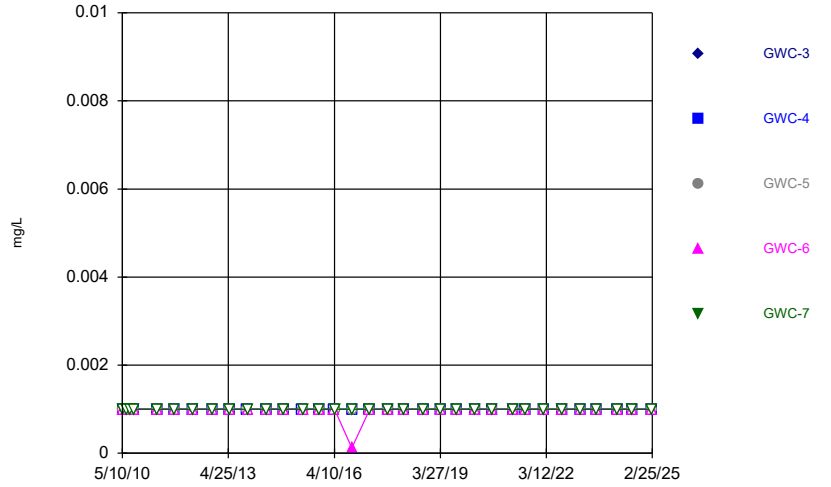
Time Series



Constituent: Silver Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

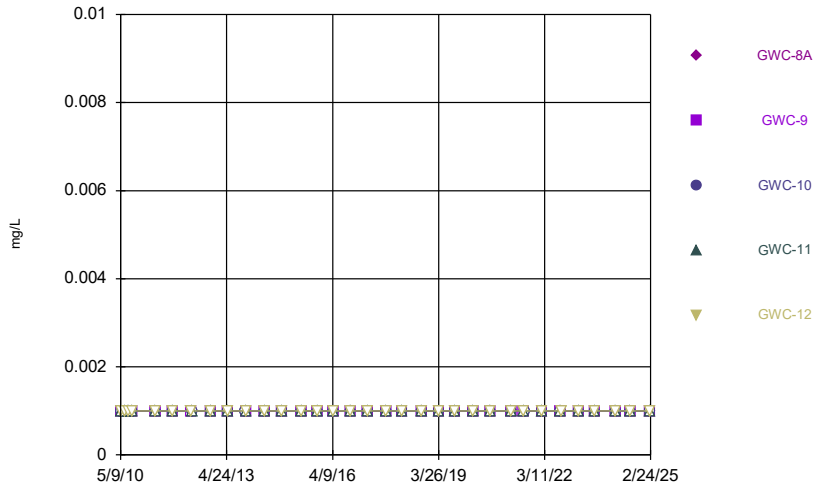
Time Series



Constituent: Silver Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

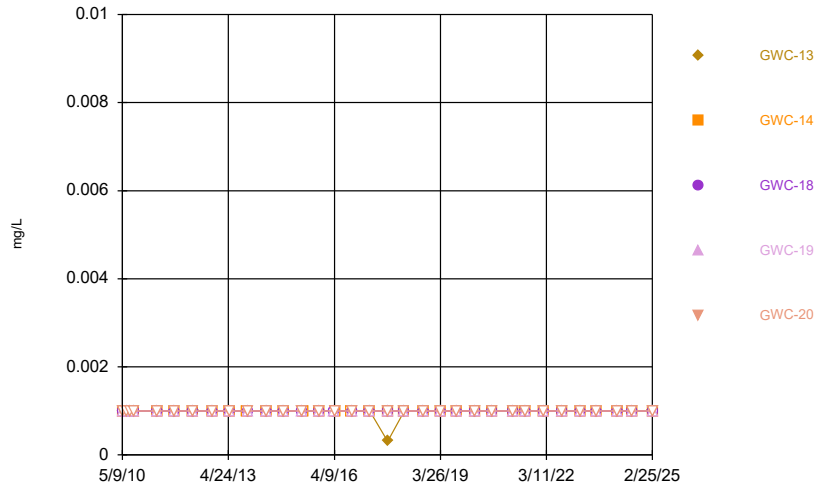
Time Series



Constituent: Silver Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

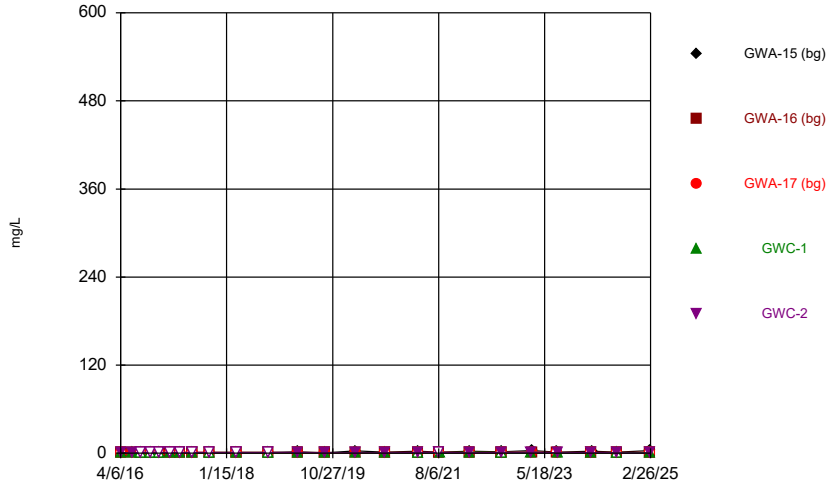
Time Series



Constituent: Silver Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

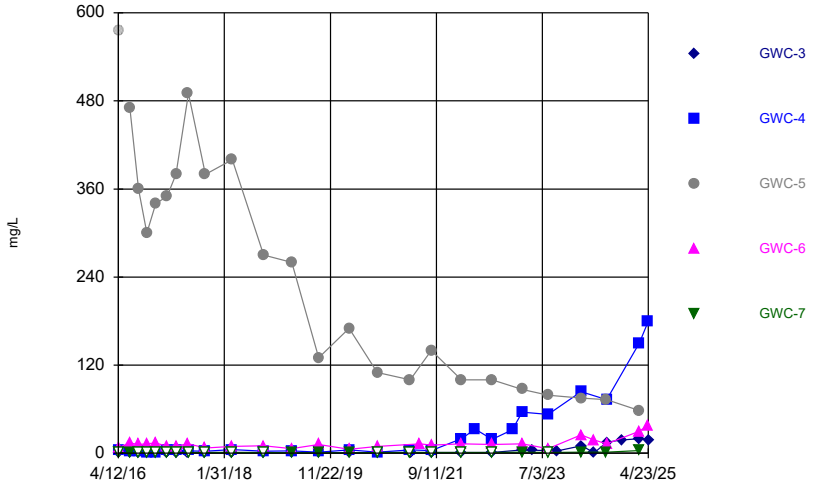
Time Series



Constituent: Sulfate Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

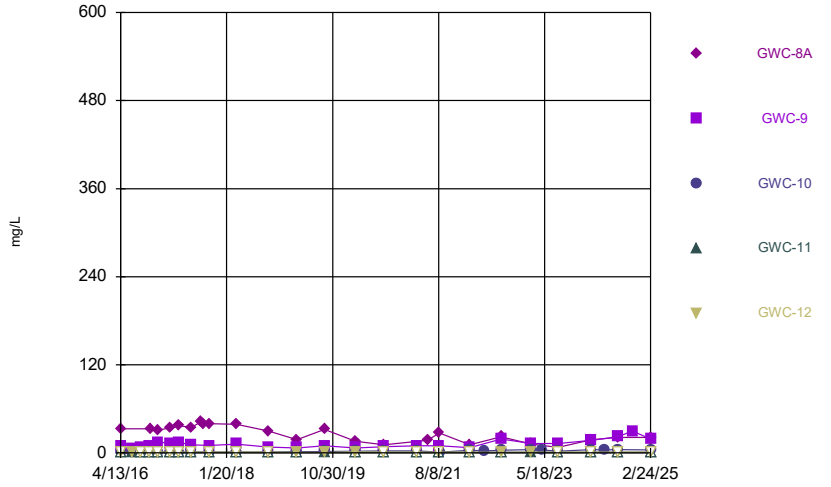
Time Series



Constituent: Sulfate Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

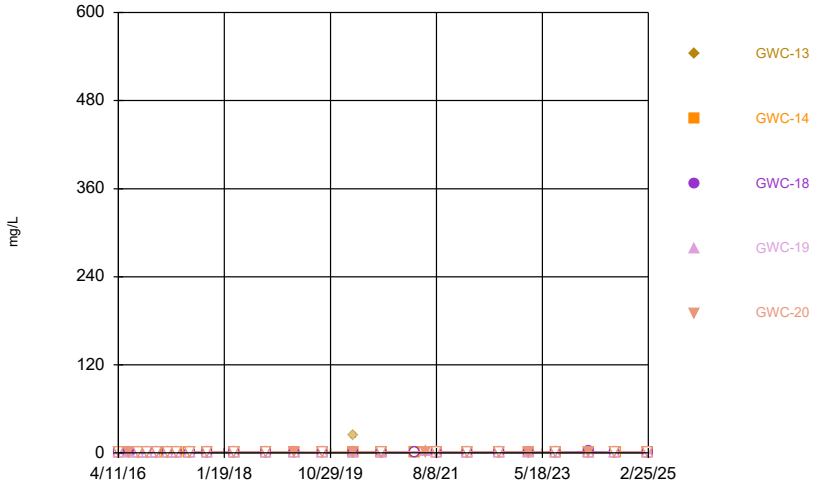
Time Series



Constituent: Sulfate Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

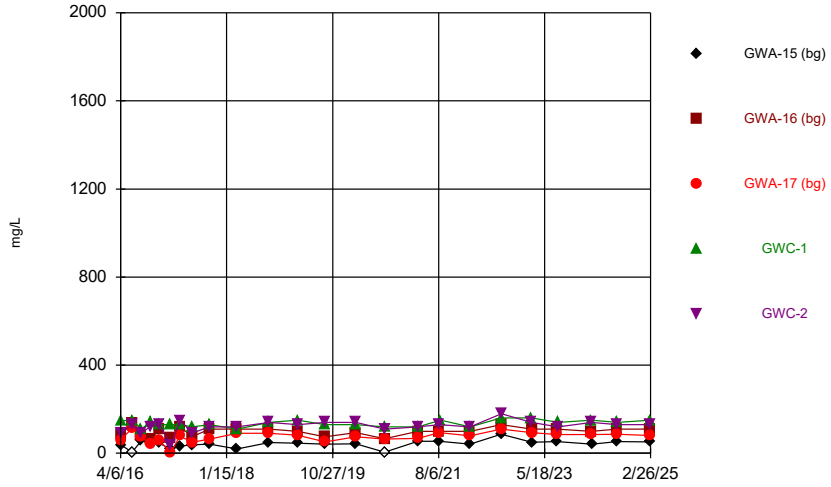
Time Series



Constituent: Sulfate Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

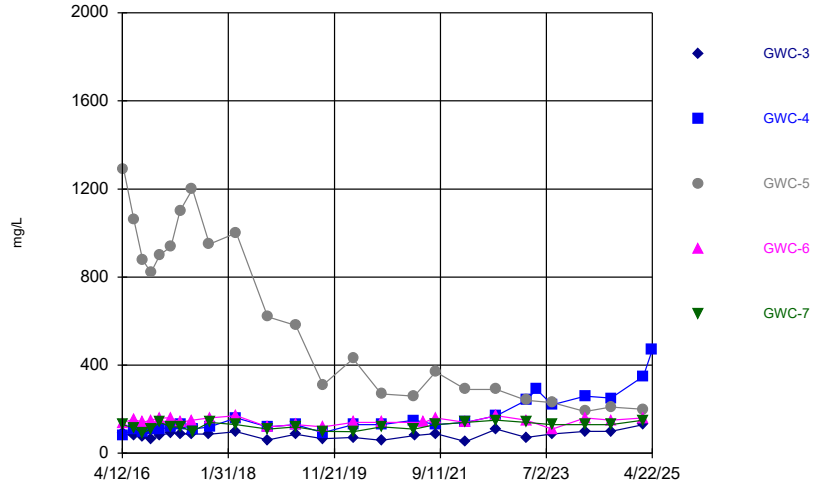
Time Series



Constituent: TDS Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

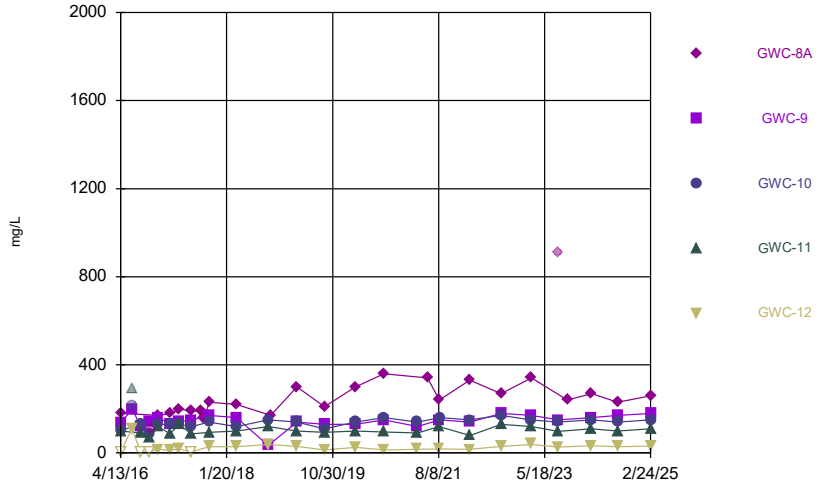
Time Series



Constituent: TDS Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

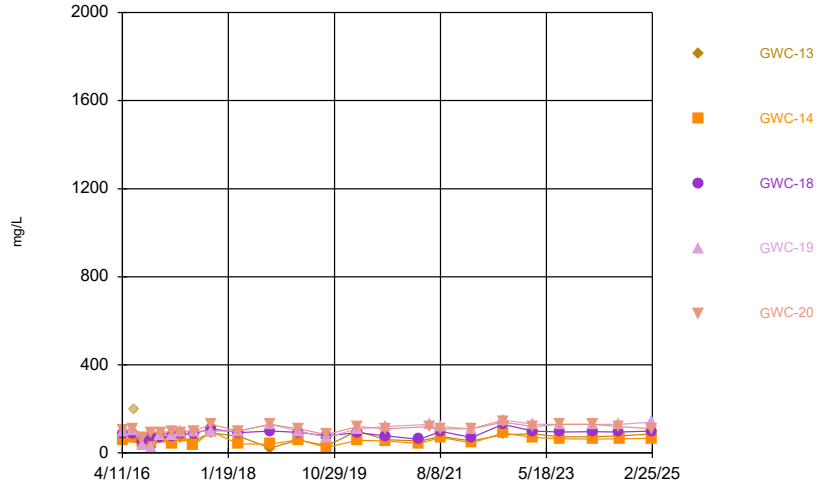
Time Series



Constituent: TDS Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

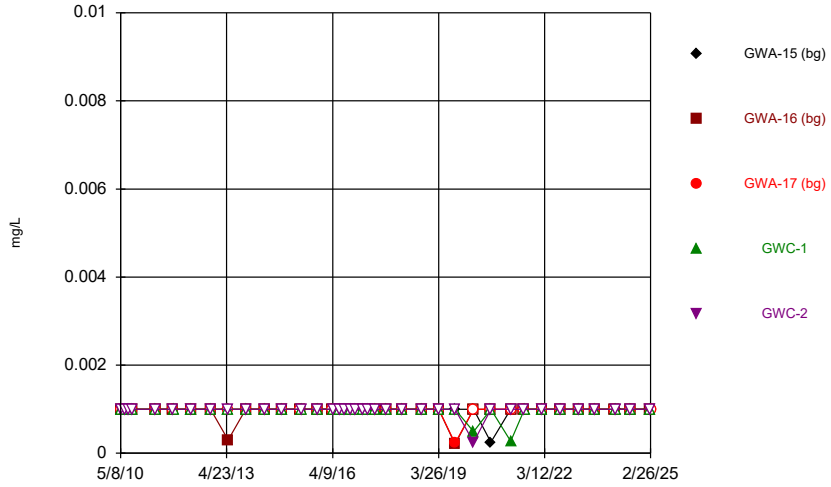
Time Series



Constituent: TDS Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

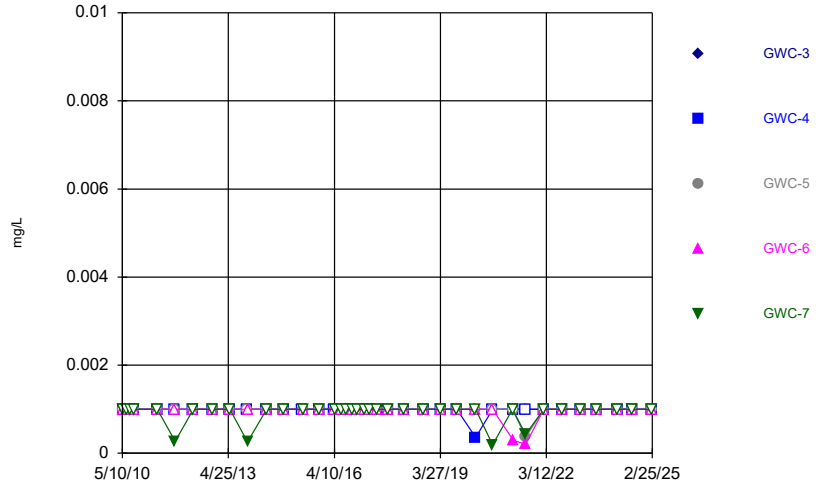
Time Series



Constituent: Thallium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

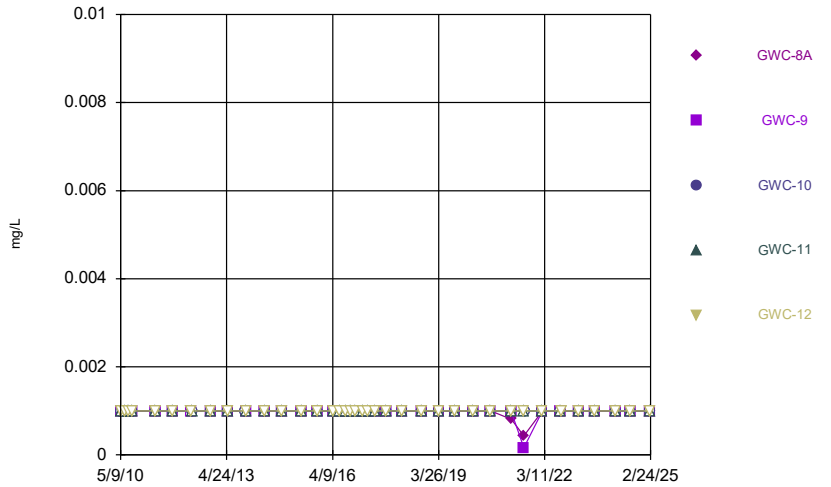
Time Series



Constituent: Thallium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

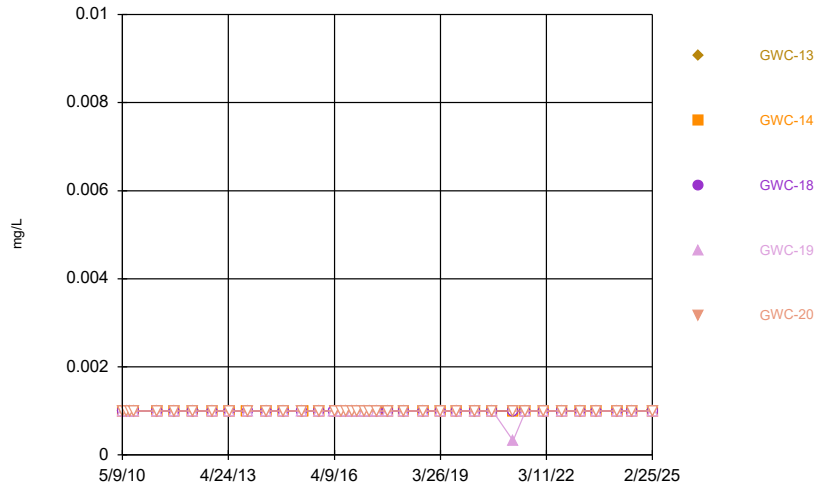
Time Series



Constituent: Thallium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

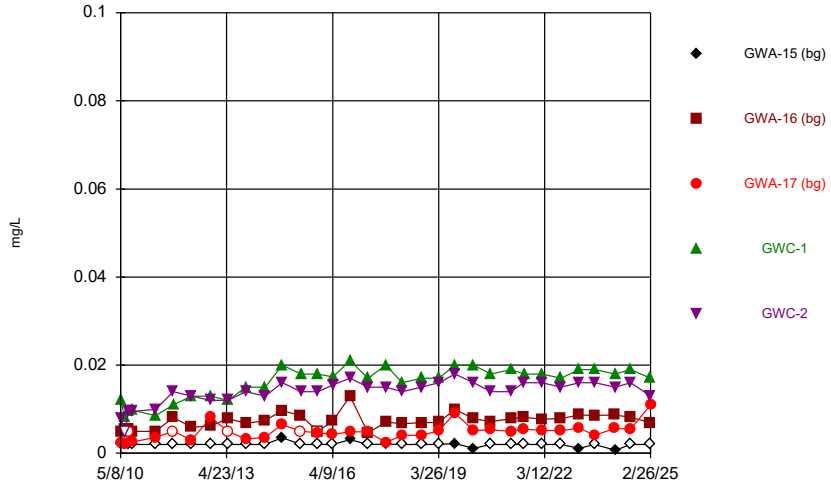
Time Series



Constituent: Thallium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

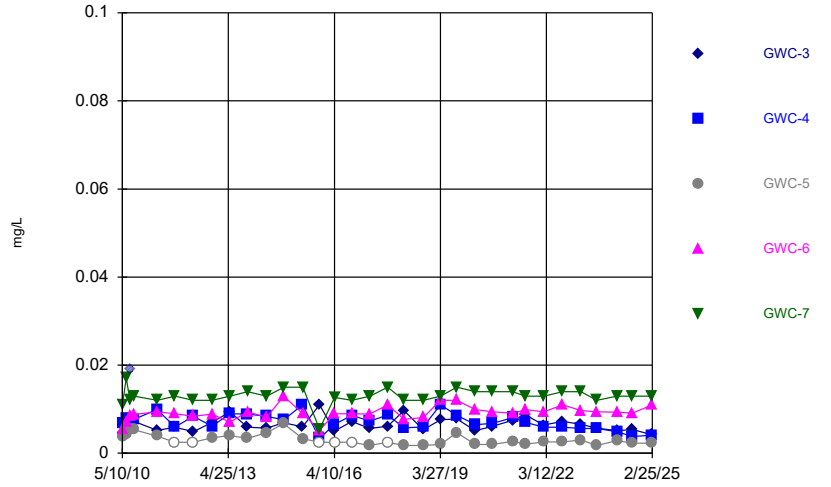
Time Series



Constituent: Vanadium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

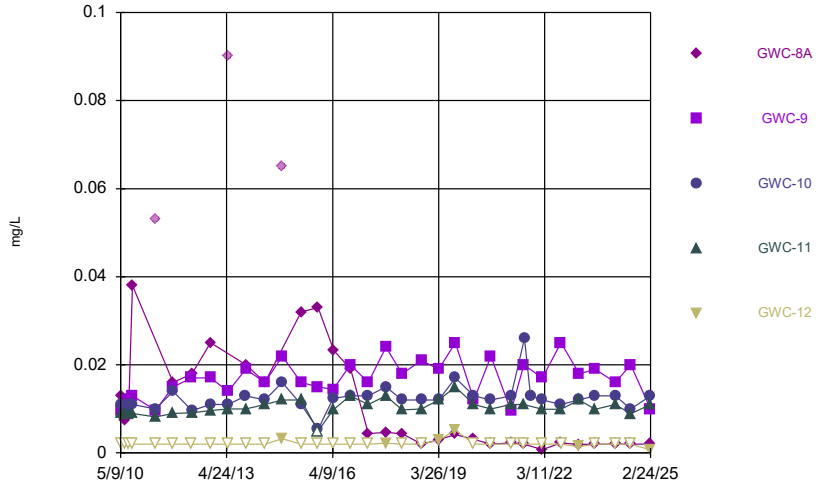
Time Series



Constituent: Vanadium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

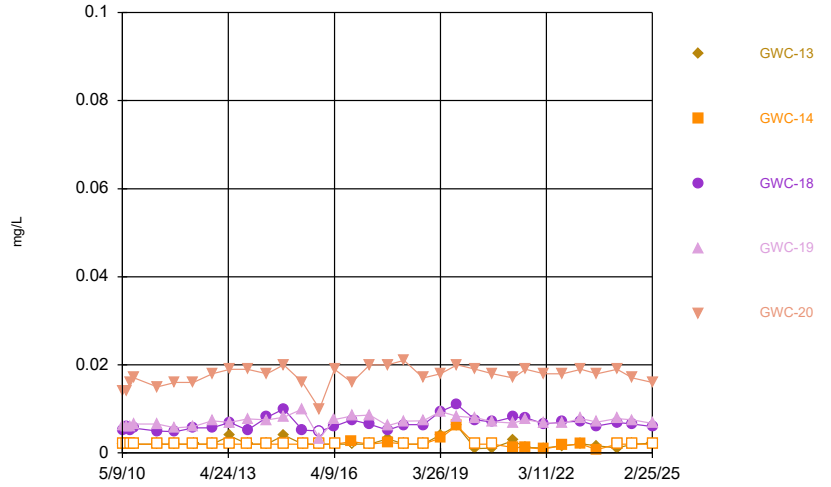
Time Series



Constituent: Vanadium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

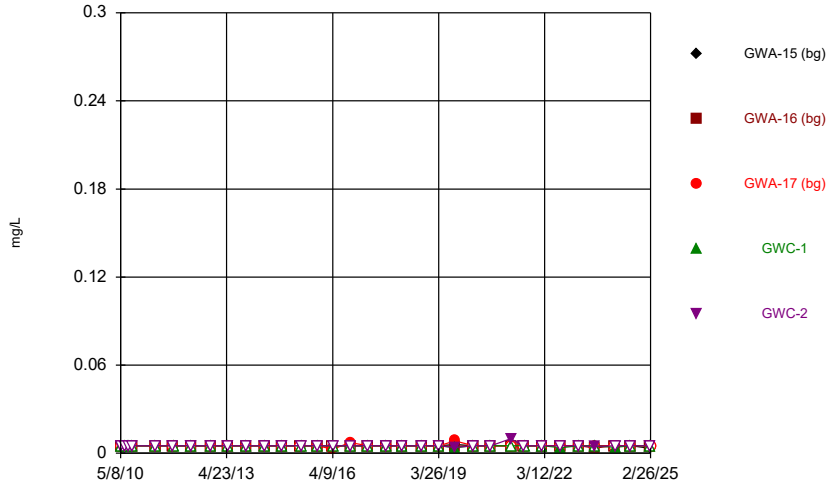
Time Series



Constituent: Vanadium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

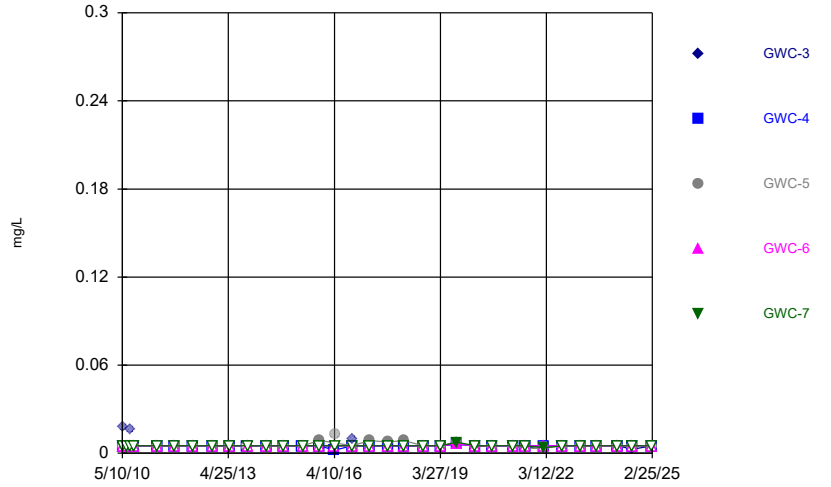
Time Series



Constituent: Zinc Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

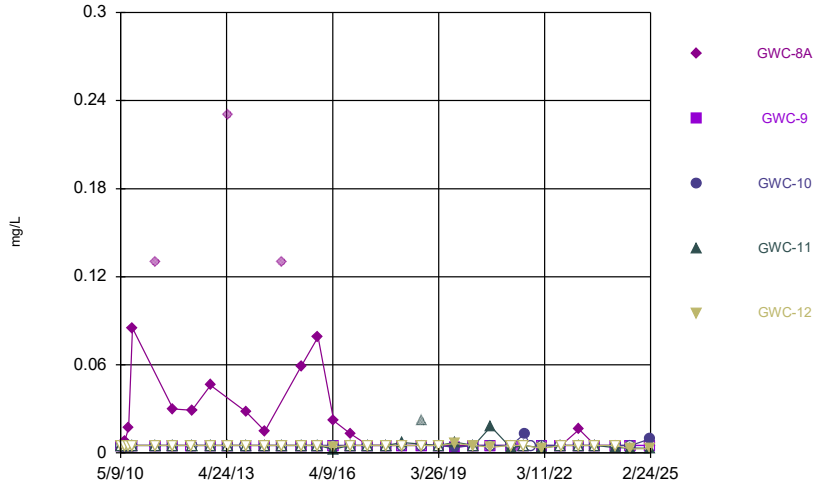
Time Series



Constituent: Zinc Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

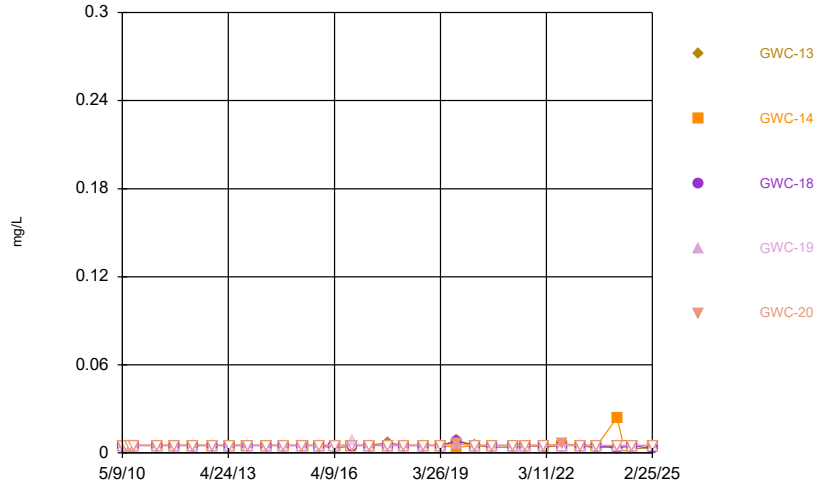
Time Series



Constituent: Zinc Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/11/2010				<0.002	<0.002
6/16/2010		<0.002	<0.002		
6/17/2010				<0.002	
6/18/2010	<0.002				
6/19/2010					<0.002
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	<0.002				
9/7/2010		<0.002	<0.002		
9/9/2010	<0.002			<0.002	<0.002
4/28/2011				<0.002	<0.002
4/29/2011		<0.002	<0.002		
4/30/2011	<0.002				
10/28/2011	<0.002	<0.002	<0.002		<0.002
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/22/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				
11/13/2014				<0.002	<0.002
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	
5/24/2015					<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	<0.002
6/15/2016	<0.002	<0.002	<0.002		
6/16/2016				<0.002	<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	<0.002
10/4/2016	<0.002	<0.002		<0.002	<0.002
10/5/2016			<0.002		
11/29/2016		<0.002	<0.002		
11/30/2016	<0.002			<0.002	<0.002
2/7/2017	<0.002	0.001 (J)	<0.002	<0.002	<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
6/20/2017	<0.002	<0.002	<0.002	<0.002	<0.002
10/4/2017	<0.002			<0.002	<0.002
10/5/2017		<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.002	<0.002	<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019	<0.002	<0.002	<0.002	<0.002	0.00042 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	<0.002	<0.002	<0.002	0.0013 (J)
8/11/2021	<0.002	<0.002	<0.002		
8/12/2021					<0.002
8/18/2021				<0.002	
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			
8/26/2022					<0.002
2/27/2023				<0.002	<0.002
2/28/2023	<0.002	<0.002	<0.002		
8/3/2023	<0.002	<0.002	<0.002		
8/9/2023				<0.002	<0.002
2/28/2024		<0.002	<0.002		
3/1/2024				<0.002	<0.002
3/4/2024	<0.002				
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/25/2025	<0.002	<0.002		<0.002	<0.002
2/26/2025			<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.002
5/11/2010	<0.002	<0.002	<0.002	<0.002	
6/17/2010	<0.002	<0.002			
6/18/2010			<0.002	<0.002	<0.002
7/27/2010			<0.002	<0.002	
7/28/2010	<0.002	<0.002			<0.002
9/7/2010	<0.002				
9/8/2010		<0.002			
9/9/2010			<0.002	<0.002	<0.002
4/28/2011		<0.002			
4/29/2011	<0.002		<0.002		
4/30/2011				<0.002	<0.002
10/28/2011	<0.002		<0.002		
10/29/2011		<0.002		<0.002	<0.002
5/3/2012	<0.002	<0.002			
5/4/2012			<0.002	<0.002	<0.002
11/9/2012	<0.002				
11/10/2012		<0.002	<0.002	<0.002	<0.002
5/9/2013			<0.002	<0.002	<0.002
5/10/2013	<0.002	<0.002			
11/6/2013	<0.002	<0.002	<0.002		
11/7/2013				<0.002	<0.002
5/21/2014				<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002		
11/9/2014	<0.002	<0.002	<0.002	<0.002	
11/12/2014					<0.002
5/22/2015	<0.002	<0.002			
5/24/2015			<0.002	<0.002	<0.002
11/10/2015	<0.002				
11/11/2015		<0.002	<0.002	<0.002	<0.002
4/12/2016	<0.002	<0.002		<0.002	
4/13/2016					<0.002
4/19/2016			<0.002		
6/20/2016	0.0002 (J)	<0.002		<0.002	0.0002 (J)
6/22/2016			<0.002		
8/12/2016	<0.002	<0.002		<0.002	
8/15/2016					<0.002
8/16/2016			<0.002		
10/5/2016	<0.002				
10/6/2016		<0.002	<0.002	<0.002	<0.002
11/30/2016	<0.002	<0.002		<0.002	
12/1/2016			<0.002		<0.002
2/8/2017	<0.002	<0.002			
2/9/2017			<0.002	<0.002	<0.002
4/6/2017	<0.002	<0.002	<0.002	<0.002	
4/7/2017					<0.002
6/21/2017	<0.002		<0.002	<0.002	
6/22/2017		<0.002			<0.002
10/5/2017	<0.002		<0.002		
10/6/2017		<0.002		<0.002	<0.002
3/21/2018	<0.002	<0.002		<0.002	
3/22/2018			<0.002		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.002	<0.002	<0.002	<0.002	
10/4/2018					<0.002
3/26/2019	<0.002	<0.002		<0.002	
3/27/2019			<0.002		<0.002
9/10/2019	<0.002	<0.002			
9/11/2019			<0.002	<0.002	<0.002
3/18/2020	<0.002		<0.002	<0.002	
3/19/2020		<0.002			<0.002
9/9/2020			<0.002		
9/10/2020	<0.002	<0.002		<0.002	<0.002
4/1/2021			<0.002		<0.002
4/2/2021		<0.002			
4/5/2021				<0.002	
4/6/2021	<0.002				
8/11/2021				<0.002	<0.002
8/12/2021	<0.002	<0.002	<0.002		
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002	0.00058 (J)	<0.002	<0.002	<0.002
2/27/2023		<0.002		<0.002	<0.002
2/28/2023	<0.002		<0.002		
8/8/2023		<0.002	<0.002	<0.002	<0.002
8/9/2023	<0.002				
2/29/2024		<0.002	<0.002	<0.002	<0.002
3/4/2024	0.0013 (J)				
8/6/2024			<0.002		<0.002
8/7/2024	<0.002	<0.002		<0.002	
2/24/2025				<0.002	<0.002
2/25/2025	<0.002	<0.002	<0.002		

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.002
5/10/2010	<0.002	<0.002	<0.002	<0.002	
6/16/2010		<0.002	<0.002	<0.002	
6/18/2010					<0.002
6/19/2010	<0.002				
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	<0.002		<0.002		
9/8/2010	<0.002	<0.002	<0.002	<0.002	<0.002
4/29/2011		<0.002	<0.002	<0.002	<0.002
4/30/2011	<0.002				
10/27/2011	<0.002	<0.002	<0.002	<0.002	
10/28/2011					<0.002
5/3/2012		<0.002			<0.002
5/4/2012	<0.002		<0.002	<0.002	
11/10/2012				<0.002	<0.002
11/11/2012	<0.002	<0.002	<0.002		
5/9/2013		<0.002	<0.002	<0.002	<0.002
5/10/2013	<0.002				
11/5/2013			<0.002		
11/6/2013		<0.002		<0.002	<0.002
11/7/2013	<0.002				
5/20/2014				<0.002	<0.002
5/21/2014	<0.002	<0.002	<0.002		
11/12/2014		<0.002	<0.002	<0.002	<0.002
11/13/2014	<0.002				
5/23/2015	<0.002	<0.002	<0.002		<0.002
5/24/2015				<0.002	
11/11/2015	<0.002				
11/12/2015		<0.002	<0.002	<0.002	<0.002
4/13/2016		<0.002	<0.002	<0.002	0.000646 (J)
4/19/2016	<0.002				
6/21/2016			<0.002	<0.002	<0.002
6/22/2016		<0.002			
8/15/2016		<0.002	<0.002	<0.002	<0.002
10/5/2016			<0.002	<0.002	<0.002
10/6/2016		<0.002			
10/10/2016	<0.002				
12/1/2016	<0.002	<0.002	<0.002	<0.002	<0.002
2/8/2017		<0.002	<0.002	<0.002	<0.002
2/9/2017	<0.002				
4/5/2017					<0.002
4/6/2017		<0.002	<0.002	<0.002	
4/7/2017	<0.002				
6/20/2017				<0.002	<0.002
6/21/2017	<0.002	<0.002	<0.002		
8/15/2017	<0.002				
9/1/2017	<0.002				
10/5/2017		<0.002	<0.002	<0.002	<0.002
10/9/2017	<0.002				
3/21/2018		<0.002	<0.002	<0.002	<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.002				
3/26/2019					<0.002
3/27/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002		
9/10/2020				<0.002	<0.002
4/1/2021		<0.002	<0.002	<0.002	<0.002
4/5/2021	<0.002				
8/11/2021				<0.002	<0.002
8/12/2021	<0.002	<0.002			
8/17/2021			<0.002		
2/15/2022	<0.002	<0.002	<0.002		
2/16/2022				<0.002	<0.002
8/25/2022	<0.002	<0.002	<0.002	<0.002	
8/26/2022					<0.002
2/21/2023			<0.002		
2/27/2023	<0.002	<0.002		<0.002	<0.002
8/8/2023	<0.002	<0.002			
8/9/2023			<0.002	<0.002	<0.002
2/29/2024	<0.002			<0.002	<0.002
3/1/2024		<0.002	<0.002		
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/24/2025	<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.002	<0.002			
5/10/2010			<0.002		
5/11/2010				<0.002	<0.002
6/16/2010			<0.002	<0.002	
6/17/2010					<0.002
6/18/2010	<0.002	<0.002			
7/26/2010			<0.002		
7/27/2010				<0.002	<0.002
7/28/2010		<0.002			
7/29/2010	<0.002				
9/7/2010			<0.002	<0.002	<0.002
9/9/2010	<0.002	<0.002			
4/26/2011	<0.002				
4/29/2011			<0.002	<0.002	<0.002
4/30/2011		<0.002			
10/28/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/2/2012			<0.002	<0.002	
5/3/2012		<0.002			<0.002
5/4/2012	<0.002				
11/9/2012			<0.002	<0.002	
11/10/2012		<0.002			<0.002
11/11/2012	<0.002				
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013			<0.002	<0.002	<0.002
11/7/2013	<0.002				
5/20/2014	<0.002	<0.002			
5/22/2014				<0.002	<0.002
5/23/2014			<0.002		
11/8/2014			<0.002	<0.002	
11/9/2014					<0.002
11/12/2014	<0.002	<0.002			
5/22/2015			<0.002	<0.002	<0.002
5/24/2015	<0.002	<0.002			
11/10/2015			<0.002	<0.002	<0.002
11/11/2015		<0.002			
11/12/2015	<0.002				
4/11/2016			<0.002	<0.002	
4/12/2016					<0.002
4/13/2016	<0.002	<0.002			
6/16/2016			0.00018 (J)	0.00014 (J)	<0.002
6/21/2016	0.0003 (J)	<0.002			
8/11/2016			<0.002	<0.002	<0.002
8/15/2016	<0.002	<0.002			
10/4/2016		<0.002			
10/5/2016			<0.002	<0.002	<0.002
10/7/2016	<0.002				
11/29/2016			<0.002	<0.002	
11/30/2016					<0.002
12/1/2016	<0.002	<0.002			
2/7/2017		<0.002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.002	<0.002	<0.002
2/9/2017	<0.002				
4/5/2017				<0.002	
4/6/2017	<0.002	<0.002	<0.002		<0.002
6/20/2017		<0.002			
6/21/2017			<0.002	<0.002	<0.002
6/22/2017	<0.002				
10/5/2017		<0.002	<0.002	<0.002	<0.002
10/6/2017	<0.002				
3/20/2018		<0.002	<0.002	<0.002	
3/21/2018					<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	
10/3/2018	<0.002				<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	0.00039 (J)		
9/12/2019				<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002		
3/19/2020				<0.002	<0.002
9/9/2020		<0.002	<0.002	<0.002	
9/10/2020	<0.002				<0.002
4/1/2021		<0.002	<0.002		
4/5/2021				<0.002	<0.002
4/6/2021	<0.002				
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022			<0.002	<0.002	<0.002
8/26/2022	<0.002	<0.002			
2/27/2023	<0.002	<0.002			
2/28/2023			<0.002	<0.002	<0.002
8/8/2023				<0.002	<0.002
8/9/2023	<0.002	<0.002	<0.002		
2/29/2024			<0.002	<0.002	
3/1/2024	<0.002	<0.002			<0.002
8/6/2024	<0.002		<0.002	<0.002	<0.002
8/8/2024		<0.002			
2/24/2025	<0.002				
2/25/2025		<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.001	<0.001
6/16/2010		<0.001	<0.001		
6/17/2010				<0.001	
6/18/2010	<0.001				
6/19/2010					<0.001
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				<0.001	<0.001
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.001
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	<0.001
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	
5/24/2015					<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				6E-05 (J)	5.5E-05 (J)
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		0.00079 (J)	<0.001
10/5/2016			<0.001		
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	<0.001
2/7/2017	0.0009 (J)	<0.001	<0.001	<0.001	<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001			<0.001	<0.001
10/5/2017		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	0.00032 (J)	0.00049 (J)	0.00069 (J)	0.00033 (J)	0.00038 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.001	<0.001	<0.001	<0.001	
6/17/2010	<0.001	<0.001			
6/18/2010			<0.001	<0.001	<0.001
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		<0.001			
9/9/2010			<0.001	<0.001	<0.001
4/28/2011		<0.001			
4/29/2011	<0.001		<0.001		
4/30/2011				<0.001	<0.001
10/28/2011	<0.001		<0.001		
10/29/2011		<0.001		<0.001	<0.001
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	<0.001				
11/10/2012		<0.001	<0.001	<0.001	<0.001
5/9/2013			<0.001	<0.001	<0.001
5/10/2013	<0.001	<0.001			
11/6/2013	<0.001	<0.001	<0.001		
11/7/2013				<0.001	<0.001
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	<0.001	<0.001			
5/24/2015			<0.001	<0.001	<0.001
11/10/2015	<0.001				
11/11/2015		<0.001	<0.001	<0.001	<0.001
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
6/20/2016	<0.001	<0.001		6.3E-05 (J)	<0.001
6/22/2016			0.0008 (J)		
8/12/2016	0.00053 (J)	<0.001		<0.001	
8/15/2016					<0.001
8/16/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	<0.001	<0.001
11/30/2016	<0.001	<0.001		<0.001	
12/1/2016			<0.001		<0.001
2/8/2017	<0.001	0.00047 (J)			
2/9/2017			0.0014	<0.001	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017		<0.001			<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	0.00089 (J)	<0.001		<0.001	
3/22/2018			0.00046 (J)		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.001	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	0.00032 (J)	0.00032 (J)			
9/11/2019			0.00038 (J)	0.00041 (J)	0.00038 (J)
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		<0.001			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	<0.001
4/1/2021			<0.001		<0.001
4/2/2021		<0.001			
4/5/2021				<0.001	
4/6/2021	<0.001				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001	<0.001		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		<0.001	<0.001	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	<0.001	<0.001	<0.001	<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001
4/30/2011	<0.001				
10/27/2011	<0.001	<0.001	<0.001	<0.001	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	<0.001		<0.001	<0.001	
11/10/2012				<0.001	<0.001
11/11/2012	<0.001	<0.001	<0.001		
5/9/2013		<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001				
11/5/2013			<0.001		
11/6/2013		<0.001		<0.001	<0.001
11/7/2013	<0.001				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		<0.001	<0.001	<0.001	<0.001
11/13/2014	<0.001				
5/23/2015	<0.001	<0.001	<0.001		<0.001
5/24/2015				<0.001	
11/11/2015	<0.001				
11/12/2015		<0.001	<0.001	<0.001	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
6/21/2016			<0.001	<0.001	<0.001
6/22/2016		<0.001			
8/15/2016		<0.001	<0.001	<0.001	<0.001
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
12/1/2016	<0.001	<0.001	<0.001	<0.001	<0.001
2/8/2017		<0.001	<0.001	<0.001	<0.001
2/9/2017	0.001 (J)				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
6/20/2017				<0.001	<0.001
6/21/2017	0.0014	<0.001	<0.001		
8/15/2017	0.00086 (J)				
9/1/2017	0.00075 (J)				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	0.0013				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	0.00075 (J)				
10/2/2018		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	0.0012 (J)	0.00062 (J)	<0.001	<0.001	
9/11/2019	0.001 (J)	0.00055 (J)	0.00055 (J)	0.00045 (J)	0.00038 (J)
3/18/2020	0.00042 (J)	<0.001	<0.001	<0.001	<0.001
9/9/2020	0.00092 (J)	<0.001	<0.001		
9/10/2020				<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	0.00097 (J)				
8/11/2021				<0.001	<0.001
8/12/2021	0.00081 (J)	<0.001			
8/17/2021			<0.001		
2/15/2022	0.00047 (J)	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	0.00048 (J)	0.00037 (J)	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	0.0005 (J)	<0.001		<0.001	<0.001
8/8/2023	0.00091 (J)	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	0.00089 (J)			<0.001	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			<0.001	<0.001	<0.001
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
6/16/2016			<0.001	5.1E-05 (J)	5.4E-05 (J)
6/21/2016	<0.001	<0.001			
8/11/2016			<0.001	<0.001	<0.001
8/15/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
11/29/2016			<0.001	<0.001	
11/30/2016					<0.001
12/1/2016	<0.001	<0.001			
2/7/2017		0.00062 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		<0.001
6/20/2017		<0.001			
6/21/2017			<0.001	<0.001	<0.001
6/22/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	<0.001				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					0.00078 (J)
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	0.00042 (J)	0.00045 (J)	0.00043 (J)		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				<0.001	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			0.048 (J)		
5/9/2010	0.01 (J)	0.031 (J)			
5/11/2010				0.054 (J)	0.048 (J)
6/16/2010		0.029 (J)	0.044 (J)		
6/17/2010				0.054 (J)	
6/18/2010	0.01 (J)				
6/19/2010					0.033 (J)
7/26/2010			0.042 (J)		
7/27/2010		0.029 (J)		0.054 (J)	0.047 (J)
7/28/2010	0.011 (J)				
9/7/2010		0.028 (J)	0.04 (J)		
9/9/2010	0.011 (J)			0.046 (J)	0.045 (J)
4/28/2011				0.057 (J)	0.048 (J)
4/29/2011		0.026 (J)	0.038 (J)		
4/30/2011	0.0091 (J)				
10/28/2011	0.0096 (J)	0.025	0.034		0.044
10/29/2011				0.046	
5/2/2012	0.012	0.025	0.03		
5/3/2012				0.049	0.047
11/9/2012	0.012	0.028	0.039	0.045	0.055
5/8/2013	0.01	0.029	0.034		
5/9/2013				0.053	0.049
11/5/2013	0.0098 (J)			0.045	0.045
11/6/2013		0.026	0.032		
5/20/2014	0.0081 (J)	0.025	0.03		
5/22/2014					0.04
5/23/2014				0.043	
11/8/2014		0.026	0.031		
11/12/2014	0.0098 (J)				
11/13/2014				0.046	0.045
5/22/2015	0.0088 (J)	0.026	0.033		
5/23/2015				0.046	
5/24/2015					0.045
11/9/2015		0.024	0.034		
11/11/2015	0.011			0.047	0.045
4/6/2016	0.00959 (J)	0.026	0.0347		
4/12/2016				0.0474	0.0519
6/15/2016	0.0091 (J)	0.023	0.029		
6/16/2016				0.044	0.045
8/10/2016	0.009	0.022	0.027		
8/11/2016				0.04	0.04
10/4/2016	0.0092	0.024		0.048	0.044
10/5/2016			0.029		
11/29/2016		0.023	0.024		
11/30/2016	0.011			0.043	0.044
2/7/2017	0.0099	0.024	0.029	0.042	0.044
4/4/2017	0.0092	0.022	0.03		
4/5/2017				0.041	
4/6/2017					0.041
6/20/2017	0.0099	0.025	0.036	0.046	0.045
10/4/2017	0.0098			0.044	0.047
10/5/2017		0.023	0.027		

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	0.01	0.023	0.027	0.042	0.045
10/2/2018	0.0099	0.023	0.027	0.043	0.044
3/26/2019	0.0099	0.024	0.031	0.044	0.045
9/10/2019	0.011	0.039	0.051	0.046	0.047
3/18/2020	0.01	0.027	0.031	0.049	0.048
9/9/2020	0.01	0.024	0.033	0.046	0.047
4/1/2021	0.0092 (J)	0.024	0.029	0.047	0.044
8/11/2021	0.01	0.023	0.029		
8/12/2021					0.048
8/18/2021				0.049	
2/15/2022	0.012	0.024	0.031	0.052	0.048
8/24/2022			0.031	0.043	
8/25/2022	0.012	0.025			
8/26/2022					0.045
2/27/2023				0.049	0.048
2/28/2023	0.01	0.025	0.03		
8/3/2023	0.01	0.026	0.027		
8/9/2023				0.048	0.045
2/28/2024		0.03	0.032		
3/1/2024				0.048	0.046
3/4/2024	0.01				
8/6/2024	0.01	0.031	0.033	0.051	0.052
2/25/2025	0.013	0.028		0.047	0.043
2/26/2025			0.027		

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					0.029 (J)
5/11/2010	0.039 (Jo)	0.031 (J)	0.034 (J)	0.053 (J)	
6/17/2010	0.017 (J)	0.033 (J)			
6/18/2010			0.028 (J)	0.055 (J)	0.044 (J)
7/27/2010			0.026 (J)	0.053 (J)	
7/28/2010	0.071 (JO)	0.033 (J)			0.028 (J)
9/7/2010	0.026 (J)				
9/8/2010		0.033 (J)			
9/9/2010			0.022 (J)	0.05 (J)	0.029 (J)
4/28/2011		0.039 (J)			
4/29/2011	0.016 (J)		0.016 (J)		
4/30/2011				0.05 (J)	0.025 (J)
10/28/2011	0.014		0.014		
10/29/2011		0.029		0.045	0.026
5/3/2012	0.017	0.036			
5/4/2012			0.017	0.051	0.032
11/9/2012	0.022				
11/10/2012		0.032	0.014	0.048	0.028
5/9/2013			0.016	0.048	0.03
5/10/2013	0.025	0.035			
11/6/2013	0.015	0.037	0.016		
11/7/2013				0.049	0.031
5/21/2014				0.048	0.029
5/22/2014	0.016	0.031	0.016		
11/9/2014	0.017	0.034	0.018	0.053	
11/12/2014					0.031
5/22/2015	0.017	0.039			
5/24/2015			0.11	0.061	0.039
11/10/2015	0.018				
11/11/2015		0.042	0.12	0.063	0.032
4/12/2016	0.0169	0.0386		0.0626	
4/13/2016					0.0328
4/19/2016			0.099		
6/20/2016	0.014	0.031		0.057	0.03
6/22/2016			0.074		
8/12/2016	0.018	0.033		0.053	
8/15/2016					0.033
8/16/2016			0.045		
10/5/2016	0.015				
10/6/2016		0.042	0.046	0.053	0.032
11/30/2016	0.018	0.04		0.06	
12/1/2016			0.046		0.034
2/8/2017	0.018	0.042			
2/9/2017			0.055	0.054	0.032
4/6/2017	0.017	0.041	0.057	0.055	
4/7/2017					0.031
6/21/2017	0.02		0.062	0.063	
6/22/2017		0.047			0.035
10/5/2017	0.017		0.052		
10/6/2017		0.045		0.054	0.034
3/21/2018	0.018	0.045		0.056	
3/22/2018			0.048		0.035

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.016	0.042	0.036	0.051	
10/4/2018					0.031
3/26/2019	0.015	0.053		0.052	
3/27/2019			0.038		0.033
9/10/2019	0.014	0.037			
9/11/2019			0.039	0.059	0.035
3/18/2020	0.013		0.04	0.05	
3/19/2020		0.045			0.036
9/9/2020			0.033		
9/10/2020	0.015	0.045		0.056	0.039
4/1/2021			0.04		0.036
4/2/2021		0.047			
4/5/2021				0.054	
4/6/2021	0.014				
8/11/2021				0.054	0.036
8/12/2021	0.019	0.049	0.036		
2/15/2022	0.013	0.055	0.038	0.057	0.035
8/25/2022	0.013	0.054	0.031	0.055	0.035
12/28/2022		0.065			
2/27/2023		0.081		0.052	0.036
2/28/2023	0.011		0.038		
8/8/2023		0.085	0.031	0.046	0.034
8/9/2023	0.013				
2/29/2024		0.1	0.042	0.06	0.041
3/4/2024	0.019				
8/6/2024			0.038		0.039
8/7/2024	0.02	0.097		0.047	
2/24/2025				0.07	0.043
2/25/2025	0.021	0.15	0.036		
4/22/2025		0.19 (R)		0.065 (R)	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					0.017 (J)
5/10/2010	0.05 (J)	0.026 (J)	0.024 (J)	0.018 (J)	
6/16/2010		0.026 (J)	0.022 (J)	0.018 (J)	
6/18/2010					0.014 (J)
6/19/2010	0.045 (J)				
7/27/2010		0.029 (J)		0.018 (J)	0.015 (J)
7/28/2010	0.046 (J)		0.023 (J)		
9/8/2010	0.071 (J)	0.027 (J)	0.023 (J)	0.017 (J)	0.013 (J)
4/29/2011		0.02 (J)	0.022 (J)	0.016 (J)	0.016 (J)
4/30/2011	0.098 (J)				
10/27/2011	0.048	0.02	0.022	0.015	
10/28/2011					0.013
5/3/2012		0.021			0.012
5/4/2012	0.055		0.019	0.014	
11/10/2012				0.016	0.015
11/11/2012	0.05	0.028	0.025		
5/9/2013		0.026	0.024	0.016	0.015
5/10/2013	0.12				
11/5/2013			0.025		
11/6/2013		0.026		0.016	0.015
11/7/2013	0.044				
5/20/2014				0.016	0.015
5/21/2014	0.037	0.023	0.024		
11/12/2014		0.038	0.026	0.017	0.018
11/13/2014	0.085				
5/23/2015	0.054	0.021	0.026		0.016
5/24/2015				0.017	
11/11/2015	0.059				
11/12/2015		0.02	0.026	0.016	0.015
4/13/2016		0.0164	0.0258	0.0159	0.0166
4/19/2016	0.0415				
6/21/2016			0.0286	0.018	0.0173
6/22/2016		0.0238			
8/15/2016		0.02	0.024	0.015	0.015
10/5/2016			0.026	0.016	0.016
10/6/2016		0.021			
10/10/2016	0.034				
12/1/2016	0.037	0.025	0.028	0.016	0.016
2/8/2017		0.017	0.027	0.015	0.016
2/9/2017	0.043				
4/5/2017					0.016
4/6/2017		0.019	0.027	0.016	
4/7/2017	0.019				
6/20/2017				0.016	0.017
6/21/2017	0.017	0.026	0.031		
8/15/2017	0.021				
9/1/2017	0.02				
10/5/2017		0.022	0.029	0.016	0.017
10/9/2017	0.019				
3/21/2018		0.021	0.028	0.016	0.017
3/22/2018	0.019				
10/2/2018		0.023	0.029	0.016	0.016

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	0.012				
3/26/2019					0.017
3/27/2019	0.025	0.018	0.027	0.015	
9/11/2019	0.022	0.028	0.033	0.017	0.017
3/18/2020	0.043	0.013	0.036	0.019	0.018
9/9/2020	0.053	0.025	0.036		
9/10/2020				0.02	0.019
4/1/2021		0.018	0.034	0.018	0.018
4/5/2021	0.045				
8/11/2021				0.017	0.018
8/12/2021	0.026	0.023			
8/17/2021			0.04		
10/18/2021			0.031		
2/15/2022	0.048	0.023	0.036		
2/16/2022				0.018	0.018
8/25/2022	0.03	0.04	0.035	0.018	
8/26/2022					0.018
2/21/2023			0.033		
2/27/2023	0.055	0.025		0.019	0.019
8/8/2023	0.051	0.027			
8/9/2023			0.032	0.019	0.02
2/29/2024	0.042			0.02	0.019
3/1/2024		0.026	0.036		
8/6/2024	0.029	0.03	0.034	0.017	0.018
2/24/2025	0.039	0.029	0.035	0.02	0.02

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	0.029 (J)	0.01 (J)			
5/10/2010			0.039 (J)		
5/11/2010				0.018 (J)	0.032 (J)
6/16/2010			0.041 (J)	0.017 (J)	
6/17/2010					0.031 (J)
6/18/2010	0.028 (J)	0.0097 (J)			
7/26/2010			0.04 (J)		
7/27/2010				0.016 (J)	0.035 (J)
7/28/2010		0.0096 (J)			
7/29/2010	0.029 (J)				
9/7/2010			0.038 (J)	0.017 (J)	0.032 (J)
9/9/2010	0.028 (J)	0.01 (J)			
4/26/2011	0.038 (J)				
4/29/2011			0.034 (J)	0.018 (J)	0.031 (J)
4/30/2011		0.0096 (J)			
10/28/2011	0.026	0.0064 (JO)	0.035	0.016	0.03
5/2/2012			0.038	0.018	
5/3/2012		0.0054 (JO)			0.032
5/4/2012	0.024				
11/9/2012			0.035	0.017	
11/10/2012		0.0094 (J)			0.028
11/11/2012	0.027				
5/8/2013	0.045	0.0093 (J)	0.037		
5/9/2013				0.017	0.029
11/5/2013		0.009 (J)			
11/6/2013			0.036	0.018	0.03
11/7/2013	0.026				
5/20/2014	0.024	0.009 (J)			
5/22/2014				0.016	0.029
5/23/2014			0.036		
11/8/2014			0.038	0.018	
11/9/2014					0.032
11/12/2014	0.029	0.0098 (J)			
5/22/2015			0.035	0.018	0.029
5/24/2015	0.027	0.0096 (J)			
11/10/2015			0.032	0.017	0.026
11/11/2015		0.0092 (J)			
11/12/2015	0.029				
4/11/2016			0.0352	0.0191	
4/12/2016					0.033
4/13/2016	0.029	0.00929 (J)			
6/16/2016			0.033	0.017	0.028
6/21/2016	0.0306	0.0106			
8/11/2016			0.035	0.015	0.026
8/15/2016	0.026	0.0077			
10/4/2016		0.0091			
10/5/2016			0.032	0.018	0.03
10/7/2016	0.031				
11/29/2016			0.034	0.017	
11/30/2016					0.03
12/1/2016	0.031	0.0089			
2/7/2017		0.0089			

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			0.032	0.017	0.033
2/9/2017	0.032				
4/5/2017				0.017	
4/6/2017	0.029	0.0085	0.031		0.033
6/20/2017		0.0097			
6/21/2017			0.035	0.019	0.03
6/22/2017	0.034				
10/5/2017		0.0096	0.034	0.018	0.028
10/6/2017	0.031				
3/20/2018		0.0091	0.033	0.019	
3/21/2018					0.03
3/22/2018	0.034				
10/2/2018		0.0096	0.032	0.018	
10/3/2018	0.03				0.028
3/26/2019	0.035	0.0092	0.033	0.018	0.03
9/11/2019	0.035	0.011	0.035		
9/12/2019				0.026	0.035
3/18/2020	0.058	0.0099 (J)	0.036		
3/19/2020				0.025	0.032
9/9/2020		0.01	0.036	0.026	
9/10/2020	0.037				0.031
4/1/2021		0.0095 (J)	0.035		
4/5/2021				0.028	0.029
4/6/2021	0.038				
8/11/2021	0.037	0.012	0.037	0.031	0.031
2/16/2022	0.035	0.011	0.034	0.027	0.03
8/25/2022			0.035	0.03	0.031
8/26/2022	0.035	0.011			
2/27/2023	0.04	0.011			
2/28/2023			0.035	0.031	0.032
8/8/2023				0.032	0.035
8/9/2023	0.04	0.012	0.037		
2/29/2024			0.037	0.033	
3/1/2024	0.039	0.012			0.036
8/6/2024	0.036		0.037	0.035	0.037
8/8/2024		0.013			
2/24/2025	0.041				
2/25/2025		0.011	0.036	0.033	0.038

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/11/2010				<0.0025	<0.0025
6/16/2010		<0.0025	<0.0025		
6/17/2010				<0.0025	
6/18/2010	<0.0025				
6/19/2010					<0.0025
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025				
9/7/2010		<0.0025	<0.0025		
9/9/2010	<0.0025			<0.0025	<0.0025
4/28/2011				<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025		
4/30/2011	<0.0025				
10/28/2011	<0.0025	<0.0025	<0.0025		<0.0025
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025	0.0021 (J)	<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/22/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				
11/13/2014				<0.0025	<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	
5/24/2015					<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	<0.0025
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	<0.0025
10/5/2016			<0.0025		
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/4/2017	<0.0025			<0.0025	<0.0025
10/5/2017		<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/12/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			
8/26/2022					<0.0025
2/27/2023				<0.0025	<0.0025
2/28/2023	<0.0025	<0.0025	<0.0025		
8/3/2023	<0.0025	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025		<0.0025	<0.0025
2/26/2025			<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0025
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/17/2010	<0.0025	<0.0025			
6/18/2010			<0.0025	<0.0025	<0.0025
7/27/2010			<0.0025	<0.0025	
7/28/2010	<0.0025	<0.0025			<0.0025
9/7/2010	<0.0025				
9/8/2010		<0.0025			
9/9/2010			<0.0025	<0.0025	<0.0025
4/28/2011		<0.0025			
4/29/2011	<0.0025		<0.0025		
4/30/2011				<0.0025	<0.0025
10/28/2011	<0.0025		<0.0025		
10/29/2011		<0.0025		<0.0025	<0.0025
5/3/2012	<0.0025	<0.0025			
5/4/2012			<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025				
11/10/2012		<0.0025	<0.0025	<0.0025	<0.0025
5/9/2013			<0.0025	<0.0025	<0.0025
5/10/2013	<0.0025	<0.0025			
11/6/2013	<0.0025	<0.0025	<0.0025		
11/7/2013				<0.0025	<0.0025
5/21/2014				<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025		
11/9/2014	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2014					<0.0025
5/22/2015	<0.0025	<0.0025			
5/24/2015			<0.0025	<0.0025	<0.0025
11/10/2015	<0.0025				
11/11/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/12/2016	<0.0025	<0.0025		<0.0025	
4/13/2016					<0.0025
4/19/2016			<0.0025		
6/20/2016	5.8E-05 (J)	2.3E-05 (J)		3.2E-05 (J)	<0.0025
6/22/2016			<0.0025		
8/12/2016	<0.0025	<0.0025		<0.0025	
8/15/2016					<0.0025
8/16/2016			<0.0025		
10/5/2016	<0.0025				
10/6/2016		<0.0025	<0.0025	<0.0025	<0.0025
11/30/2016	<0.0025	<0.0025		<0.0025	
12/1/2016			<0.0025		<0.0025
2/8/2017	<0.0025	<0.0025			
2/9/2017			<0.0025	<0.0025	<0.0025
4/6/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/7/2017					<0.0025
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017		<0.0025			<0.0025
10/5/2017	<0.0025		<0.0025		
10/6/2017		<0.0025		<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025		<0.0025	
3/22/2018			<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2018					<0.0025
3/26/2019	<0.0025	<0.0025		<0.0025	
3/27/2019			<0.0025		<0.0025
9/10/2019	<0.0025	<0.0025			
9/11/2019			<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025		<0.0025	<0.0025	
3/19/2020		<0.0025			<0.0025
9/9/2020			<0.0025		
9/10/2020	<0.0025	<0.0025		<0.0025	0.00018 (J)
4/1/2021			<0.0025		<0.0025
4/2/2021		<0.0025			
4/5/2021				<0.0025	
4/6/2021	<0.0025				
8/11/2021				<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025	0.00022 (J)		
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025		<0.0025	<0.0025
2/28/2023	<0.0025		<0.0025		
8/8/2023		<0.0025	<0.0025	<0.0025	<0.0025
8/9/2023	<0.0025				
2/29/2024		<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024			<0.0025		<0.0025
8/7/2024	<0.0025	<0.0025		<0.0025	
2/24/2025				<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0025
5/10/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/16/2010		<0.0025	<0.0025	<0.0025	
6/18/2010					<0.0025
6/19/2010	<0.0025				
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025		<0.0025		
9/8/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025	<0.0025	<0.0025
4/30/2011	<0.0025				
10/27/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/28/2011					<0.0025
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025		<0.0025	<0.0025	
11/10/2012				<0.0025	<0.0025
11/11/2012	<0.0025	<0.0025	<0.0025		
5/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
5/10/2013	<0.0025				
11/5/2013			<0.0025		
11/6/2013		<0.0025		<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014				<0.0025	<0.0025
5/21/2014	<0.0025	<0.0025	<0.0025		
11/12/2014		<0.0025	<0.0025	<0.0025	<0.0025
11/13/2014	<0.0025				
5/23/2015	<0.0025	<0.0025	<0.0025		<0.0025
5/24/2015				<0.0025	
11/11/2015	<0.0025				
11/12/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/13/2016		<0.0025	<0.0025	<0.0025	<0.0025
4/19/2016	<0.0025				
6/21/2016			<0.0025	<0.0025	<0.0025
6/22/2016		<0.0025			
8/15/2016		<0.0025	<0.0025	<0.0025	<0.0025
10/5/2016			<0.0025	<0.0025	<0.0025
10/6/2016		<0.0025			
10/10/2016	<0.0025				
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/8/2017		<0.0025	<0.0025	<0.0025	<0.0025
2/9/2017	<0.0025				
4/5/2017					<0.0025
4/6/2017		<0.0025	<0.0025	<0.0025	
4/7/2017	<0.0025				
6/20/2017				<0.0025	<0.0025
6/21/2017	<0.0025	<0.0025	<0.0025		
8/15/2017	<0.0025				
9/1/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/9/2017	<0.0025				
3/21/2018		<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.0025				
3/26/2019					<0.0025
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025		
9/10/2020				<0.0025	<0.0025
4/1/2021		<0.0025	<0.0025	<0.0025	<0.0025
4/5/2021	0.00038 (J)				
8/11/2021				<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025			
8/17/2021			<0.0025		
2/15/2022	<0.0025	<0.0025	<0.0025		
2/16/2022				<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	
8/26/2022					<0.0025
2/21/2023			<0.0025		
2/27/2023	<0.0025	<0.0025		<0.0025	<0.0025
8/8/2023	<0.0025	<0.0025			
8/9/2023			<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025			<0.0025	<0.0025
3/1/2024		<0.0025	<0.0025		
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/24/2025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.0025	<0.0025			
5/10/2010			<0.0025		
5/11/2010				<0.0025	<0.0025
6/16/2010			<0.0025	<0.0025	
6/17/2010					<0.0025
6/18/2010	<0.0025	<0.0025			
7/26/2010			<0.0025		
7/27/2010				<0.0025	<0.0025
7/28/2010		<0.0025			
7/29/2010	<0.0025				
9/7/2010			<0.0025	<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025			
4/26/2011	<0.0025				
4/29/2011			<0.0025	<0.0025	<0.0025
4/30/2011		<0.0025			
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012			<0.0025	<0.0025	
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025				
11/9/2012			<0.0025	<0.0025	
11/10/2012		<0.0025			<0.0025
11/11/2012	<0.0025				
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013			<0.0025	<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014	<0.0025	<0.0025			
5/22/2014				<0.0025	<0.0025
5/23/2014			<0.0025		
11/8/2014			<0.0025	<0.0025	
11/9/2014					<0.0025
11/12/2014	<0.0025	<0.0025			
5/22/2015			<0.0025	<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025			
11/10/2015			<0.0025	<0.0025	<0.0025
11/11/2015		<0.0025			
11/12/2015	<0.0025				
4/11/2016			<0.0025	<0.0025	
4/12/2016					<0.0025
4/13/2016	<0.0025	<0.0025			
6/16/2016			<0.0025	<0.0025	<0.0025
6/21/2016	<0.0025	<0.0025			
8/11/2016			<0.0025	<0.0025	<0.0025
8/15/2016	<0.0025	<0.0025			
10/4/2016		<0.0025			
10/5/2016			<0.0025	<0.0025	<0.0025
10/7/2016	<0.0025				
11/29/2016			<0.0025	<0.0025	
11/30/2016					<0.0025
12/1/2016	<0.0025	<0.0025			
2/7/2017		<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.0025	<0.0025	<0.0025
2/9/2017	<0.0025				
4/5/2017				<0.0025	
4/6/2017	<0.0025	<0.0025	<0.0025		<0.0025
6/20/2017		<0.0025			
6/21/2017			<0.0025	<0.0025	<0.0025
6/22/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/6/2017	<0.0025				
3/20/2018		<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	
10/3/2018	<0.0025				<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025		
9/12/2019				<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025		
3/19/2020				<0.0025	<0.0025
9/9/2020		<0.0025	<0.0025	<0.0025	
9/10/2020	<0.0025				<0.0025
4/1/2021		<0.0025	<0.0025		
4/5/2021				<0.0025	<0.0025
4/6/2021	<0.0025				
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022			<0.0025	<0.0025	<0.0025
8/26/2022	<0.0025	<0.0025			
2/27/2023	<0.0025	<0.0025			
2/28/2023			<0.0025	<0.0025	<0.0025
8/8/2023				<0.0025	<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025		
2/29/2024			<0.0025	<0.0025	
3/1/2024	<0.0025	<0.0025			<0.0025
8/6/2024	<0.0025		<0.0025	<0.0025	<0.0025
8/8/2024		<0.0025			
2/24/2025	<0.0025				
2/25/2025		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	<0.08
6/15/2016	0.0031 (J)	<0.08	0.0028 (J)		
6/16/2016				0.0044 (J)	0.0034 (J)
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	<0.08
10/4/2016	<0.08	<0.08		<0.08	<0.08
10/5/2016			<0.08		
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	<0.08
2/7/2017	<0.08	<0.08	<0.08	<0.08	<0.08
4/4/2017	<0.08	<0.08	<0.08		
4/5/2017				<0.08	
4/6/2017					<0.08
6/20/2017	<0.08	<0.08	<0.08	<0.08	<0.08
10/4/2017	<0.08			<0.08	<0.08
10/5/2017		<0.08	<0.08		
3/20/2018	<0.08	<0.08	<0.08	<0.08	<0.08
10/2/2018	<0.08	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/10/2019	<0.08	<0.08	<0.08	<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08	<0.08	<0.08	<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08	0.053 (J)	<0.08
8/11/2021	<0.08	<0.08	<0.08		
8/12/2021					<0.08
8/18/2021				<0.08	
2/15/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/24/2022			<0.08	<0.08	
8/25/2022	<0.08	<0.08			
8/26/2022					<0.08
2/27/2023				<0.08	<0.08
2/28/2023	<0.08	<0.08	<0.08		
8/3/2023	0.03 (J)	<0.08	<0.08		
8/9/2023				<0.08	<0.08
2/28/2024		<0.08	<0.08		
3/1/2024				<0.08	0.023 (J)
3/4/2024	<0.08				
8/6/2024	<0.08	<0.08	<0.08	<0.08	<0.08
2/25/2025	<0.08	<0.08		<0.08	<0.08
2/26/2025			<0.08		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	<0.08	<0.08		<0.08	
4/13/2016					<0.08
4/19/2016			<0.1		
6/20/2016	0.0015 (J)	0.0026 (J)		<0.08	0.0019 (J)
6/22/2016			0.238		
8/12/2016	<0.08	<0.08		<0.08	
8/15/2016					<0.08
8/16/2016			0.39		
10/5/2016	<0.08				
10/6/2016		<0.08	0.34	<0.08	<0.08
11/30/2016	<0.08	<0.08		<0.08	
12/1/2016			0.37		<0.08
2/8/2017	<0.08	<0.08			
2/9/2017			0.38	<0.08	<0.08
4/6/2017	<0.08	<0.08	0.4	<0.08	
4/7/2017					<0.08
6/21/2017	<0.08		0.39	<0.08	
6/22/2017		<0.08			<0.08
10/5/2017	<0.08		0.47		
10/6/2017		<0.08		<0.08	<0.08
3/21/2018	<0.08	<0.08		<0.08	
3/22/2018			0.48		<0.08
10/3/2018	<0.08	<0.08	0.47	<0.08	
10/4/2018					<0.08
3/26/2019	<0.08	<0.08		<0.08	
3/27/2019			0.33		<0.08
9/10/2019	<0.08	<0.08			
9/11/2019			0.31	<0.08	<0.08
3/18/2020	<0.08		0.26	<0.08	
3/19/2020		<0.08			<0.08
9/9/2020			0.24		
9/10/2020	<0.08	<0.08		<0.08	<0.08
4/1/2021			0.23		<0.08
4/2/2021		<0.08			
4/5/2021				0.042 (J)	
4/6/2021	0.078 (J)				
8/11/2021				0.057 (J)	0.056 (J)
8/12/2021	<0.08	<0.08	0.19		
2/15/2022	<0.08	<0.08	0.19	<0.08	<0.08
8/25/2022	<0.08	<0.08	0.19	<0.08	<0.08
2/27/2023		<0.08		<0.08	<0.08
2/28/2023	<0.08		0.19		
8/8/2023		<0.08	0.15	<0.08	<0.08
8/9/2023	<0.08				
2/29/2024		<0.08	0.17	<0.08	<0.08
3/4/2024	<0.08				
8/6/2024			0.14		<0.08
8/7/2024	<0.08	0.13		0.085	
11/6/2024		0.022 (J)		<0.08	
2/24/2025				<0.08	<0.08
2/25/2025	<0.08	0.029 (J)	0.14		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		0.0774 (J)	<0.08	<0.08	<0.08
4/19/2016	0.145				
6/21/2016			0.0068 (J)	0.0053 (J)	0.0099 (J)
6/22/2016		0.0663 (J)			
8/15/2016		0.093	<0.08	<0.08	<0.08
10/5/2016			<0.08	<0.08	<0.08
10/6/2016		0.096			
10/10/2016	0.12				
12/1/2016	0.12	0.12	<0.08	<0.08	<0.08
2/8/2017		0.094	<0.08	<0.08	<0.08
2/9/2017	0.13				
4/5/2017					<0.08
4/6/2017		0.11	<0.08	<0.08	
4/7/2017	0.21				
6/20/2017				<0.08	<0.08
6/21/2017	0.23	0.1	<0.08		
8/15/2017	0.27				
9/1/2017	0.24				
10/5/2017		0.083	<0.08	<0.08	<0.08
10/9/2017	0.24				
3/21/2018		0.089	<0.08	<0.08	<0.08
3/22/2018	0.25				
10/2/2018		0.083	<0.08	<0.08	<0.08
10/4/2018	0.21				
3/26/2019					<0.08
3/27/2019	0.16	0.067	<0.08	<0.08	
9/11/2019	0.21	0.083	<0.08	<0.08	<0.08
3/18/2020	0.16	0.058 (J)	<0.08	<0.08	<0.08
9/9/2020	0.13	0.088	<0.08		
9/10/2020				<0.08	<0.08
4/1/2021		0.059 (J)	<0.08	<0.08	<0.08
4/5/2021	0.18				
8/11/2021				<0.08	<0.08
8/12/2021	0.23	0.1			
8/17/2021			<0.08		
2/15/2022	0.13	0.07 (J)	<0.08		
2/16/2022				<0.08	<0.08
8/25/2022	0.18	0.13	0.11	<0.08	
8/26/2022					<0.08
12/28/2022			0.098		
2/21/2023			<0.08		
2/27/2023	0.14	0.082		<0.08	<0.08
8/8/2023	0.14	0.087			
8/9/2023			<0.08	<0.08	<0.08
2/29/2024	0.15			<0.08	0.024 (J)
3/1/2024		0.085	<0.08		
8/6/2024	0.19	0.12	<0.08	<0.08	<0.08
2/24/2025	0.17	0.056 (J)	<0.08	<0.08	<0.08

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			<0.08	<0.08	
4/12/2016					<0.08
4/13/2016	<0.08	<0.08			
6/16/2016			0.0024 (J)	0.0026 (J)	0.0022 (J)
6/21/2016	0.0062 (J)	0.0115 (J)			
8/11/2016			<0.08	<0.08	<0.08
8/15/2016	<0.08	<0.08			
10/4/2016		<0.08			
10/5/2016			<0.08	<0.08	<0.08
10/7/2016	<0.08				
11/29/2016			<0.08	<0.08	
11/30/2016					<0.08
12/1/2016	<0.08	<0.08			
2/7/2017		<0.08			
2/8/2017			<0.08	<0.08	<0.08
2/9/2017	<0.08				
4/5/2017				<0.08	
4/6/2017	<0.08	<0.08	<0.08		<0.08
6/20/2017		<0.08			
6/21/2017			<0.08	<0.08	<0.08
6/22/2017	<0.08				
10/5/2017		<0.08	<0.08	<0.08	<0.08
10/6/2017	<0.08				
3/20/2018		<0.08	<0.08	<0.08	
3/21/2018					<0.08
3/22/2018	<0.08				
10/2/2018		<0.08	<0.08	<0.08	
10/3/2018	<0.08				<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/11/2019	<0.08	<0.08	<0.08		
9/12/2019				<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08		
3/19/2020				<0.08	<0.08
9/9/2020		<0.08	<0.08	<0.08	
9/10/2020	<0.08				<0.08
4/1/2021		<0.08	<0.08		
4/5/2021				<0.08	<0.08
4/6/2021	0.056 (J)				
8/11/2021	<0.08	<0.08	<0.08	<0.08	<0.08
2/16/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/25/2022			<0.08	<0.08	0.12
8/26/2022	<0.08	<0.08			
12/28/2022					<0.08
2/27/2023	<0.08	<0.08			
2/28/2023			<0.08	<0.08	<0.08
8/8/2023				<0.08	<0.08
8/9/2023	<0.08	<0.08	<0.08		
2/29/2024			<0.08	<0.08	
3/1/2024	<0.08	<0.08			0.025 (J)
8/6/2024	<0.08		<0.08	<0.08	<0.08
8/8/2024		<0.08			
2/24/2025	<0.08				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/25/2025		<0.08	<0.08	<0.08	<0.08

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/11/2010				<0.0025	<0.0025
6/16/2010		<0.0025	<0.0025		
6/17/2010				<0.0025	
6/18/2010	<0.0025				
6/19/2010					<0.0025
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025				
9/7/2010		<0.0025	<0.0025		
9/9/2010	<0.0025			<0.0025	<0.0025
4/28/2011				<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025		
4/30/2011	<0.0025				
10/28/2011	<0.0025	<0.0025	<0.0025		<0.0025
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/22/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				
11/13/2014				<0.0025	<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	
5/24/2015					<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	<0.0025
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	<0.0025
10/5/2016			<0.0025		
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/4/2017	<0.0025			<0.0025	<0.0025
10/5/2017		<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019	<0.0025	<0.0025	0.00013 (J)	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	0.00038 (J)
8/11/2021	<0.0025	<0.0025	<0.0025		
8/12/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			
8/26/2022					<0.0025
2/27/2023				<0.0025	<0.0025
2/28/2023	<0.0025	<0.0025	<0.0025		
8/3/2023	<0.0025	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025		<0.0025	<0.0025
2/26/2025			<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0025
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/17/2010	<0.0025	<0.0025			
6/18/2010			<0.0025	<0.0025	<0.0025
7/27/2010			<0.0025	<0.0025	
7/28/2010	<0.0025	<0.0025			<0.0025
9/7/2010	<0.0025				
9/8/2010		<0.0025			
9/9/2010			<0.0025	<0.0025	<0.0025
4/28/2011		<0.0025			
4/29/2011	<0.0025		<0.0025		
4/30/2011				<0.0025	<0.0025
10/28/2011	<0.0025		<0.0025		
10/29/2011		<0.0025		<0.0025	<0.0025
5/3/2012	<0.0025	<0.0025			
5/4/2012			<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025				
11/10/2012		<0.0025	<0.0025	<0.0025	<0.0025
5/9/2013			<0.0025	<0.0025	<0.0025
5/10/2013	<0.0025	<0.0025			
11/6/2013	<0.0025	<0.0025	<0.0025		
11/7/2013				<0.0025	<0.0025
5/21/2014				<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025		
11/9/2014	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2014					<0.0025
5/22/2015	<0.0025	<0.0025			
5/24/2015			<0.0025	<0.0025	<0.0025
11/10/2015	<0.0025				
11/11/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/12/2016	<0.0025	<0.0025		<0.0025	
4/13/2016					<0.0025
4/19/2016			<0.0025		
6/20/2016	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2016			<0.0025		
8/12/2016	<0.0025	<0.0025		<0.0025	
8/15/2016					<0.0025
8/16/2016			<0.0025		
10/5/2016	<0.0025				
10/6/2016		<0.0025	<0.0025	<0.0025	<0.0025
11/30/2016	<0.0025	<0.0025		<0.0025	
12/1/2016			<0.0025		<0.0025
2/8/2017	<0.0025	<0.0025			
2/9/2017			<0.0025	<0.0025	<0.0025
4/6/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/7/2017					<0.0025
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017		<0.0025			<0.0025
10/5/2017	<0.0025		<0.0025		
10/6/2017		<0.0025		<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025		<0.0025	
3/22/2018			<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2018					<0.0025
3/26/2019	<0.0025	<0.0025		<0.0025	
3/27/2019			<0.0025		<0.0025
9/10/2019	<0.0025	<0.0025			
9/11/2019			<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025		<0.0025	<0.0025	
3/19/2020		<0.0025			<0.0025
9/9/2020			<0.0025		
9/10/2020	<0.0025	<0.0025		<0.0025	<0.0025
4/1/2021			<0.0025		<0.0025
4/2/2021		<0.0025			
4/5/2021				<0.0025	
4/6/2021	<0.0025				
8/11/2021				<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025		
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025		<0.0025	<0.0025
2/28/2023	<0.0025		<0.0025		
8/8/2023		<0.0025	<0.0025	<0.0025	<0.0025
8/9/2023	<0.0025				
2/29/2024		<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024			<0.0025		<0.0025
8/7/2024	<0.0025	<0.0025		<0.0025	
2/24/2025				<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0025
5/10/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/16/2010		<0.0025	<0.0025	<0.0025	
6/18/2010					<0.0025
6/19/2010	<0.0025				
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025		<0.0025		
9/8/2010	0.001 (J)	<0.0025	<0.0025	<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025	<0.0025	<0.0025
4/30/2011	0.0014 (J)				
10/27/2011	0.0011 (J)	<0.0025	<0.0025	<0.0025	
10/28/2011					<0.0025
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025		<0.0025	<0.0025	
11/10/2012				<0.0025	<0.0025
11/11/2012	<0.0025	<0.0025	<0.0025		
5/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
5/10/2013	0.0016 (J)				
11/5/2013			<0.0025		
11/6/2013		<0.0025		<0.0025	<0.0025
11/7/2013	0.001 (J)				
5/20/2014				<0.0025	<0.0025
5/21/2014	<0.0025	<0.0025	<0.0025		
11/12/2014		<0.0025	<0.0025	<0.0025	<0.0025
11/13/2014	<0.0025				
5/23/2015	<0.0025	<0.0025	<0.0025		<0.0025
5/24/2015				<0.0025	
11/11/2015	<0.0025				
11/12/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/13/2016		<0.0025	<0.0025	<0.0025	<0.0025
4/19/2016	0.000379 (J)				
6/21/2016			<0.0025	<0.0025	<0.0025
6/22/2016		<0.0025			
8/15/2016		<0.0025	<0.0025	<0.0025	<0.0025
10/5/2016			<0.0025	<0.0025	<0.0025
10/6/2016		<0.0025			
10/10/2016	<0.0025				
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/8/2017		<0.0025	<0.0025	<0.0025	<0.0025
2/9/2017	0.00037 (J)				
4/5/2017					<0.0025
4/6/2017		<0.0025	<0.0025	<0.0025	
4/7/2017	<0.0025				
6/20/2017				<0.0025	<0.0025
6/21/2017	<0.0025	<0.0025	<0.0025		
8/15/2017	<0.0025				
9/1/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/9/2017	<0.0025				
3/21/2018		<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.0025				
3/26/2019					<0.0025
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025		
9/10/2020				0.001 (J)	<0.0025
4/1/2021		<0.0025	<0.0025	<0.0025	<0.0025
4/5/2021	0.0003 (J)				
8/11/2021				<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025			
8/17/2021			<0.0025		
2/15/2022	<0.0025	<0.0025	<0.0025		
2/16/2022				<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	
8/26/2022					<0.0025
2/21/2023			<0.0025		
2/27/2023	<0.0025	<0.0025		<0.0025	<0.0025
8/8/2023	<0.0025	<0.0025			
8/9/2023			<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025			<0.0025	<0.0025
3/1/2024		<0.0025	<0.0025		
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/24/2025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.0025	<0.0025			
5/10/2010			<0.0025		
5/11/2010				<0.0025	<0.0025
6/16/2010			<0.0025	<0.0025	
6/17/2010					<0.0025
6/18/2010	<0.0025	<0.0025			
7/26/2010			<0.0025		
7/27/2010				<0.0025	<0.0025
7/28/2010		<0.0025			
7/29/2010	<0.0025				
9/7/2010			<0.0025	<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025			
4/26/2011	<0.0025				
4/29/2011			<0.0025	<0.0025	<0.0025
4/30/2011		<0.0025			
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012			<0.0025	<0.0025	
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025				
11/9/2012			<0.0025	<0.0025	
11/10/2012		<0.0025			<0.0025
11/11/2012	<0.0025				
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013			<0.0025	<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014	<0.0025	<0.0025			
5/22/2014				<0.0025	<0.0025
5/23/2014			<0.0025		
11/8/2014			<0.0025	<0.0025	
11/9/2014					<0.0025
11/12/2014	<0.0025	<0.0025			
5/22/2015			<0.0025	<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025			
11/10/2015			<0.0025	<0.0025	<0.0025
11/11/2015		<0.0025			
11/12/2015	<0.0025				
4/11/2016			<0.0025	<0.0025	
4/12/2016					<0.0025
4/13/2016	<0.0025	<0.0025			
6/16/2016			<0.0025	<0.0025	<0.0025
6/21/2016	<0.0025	<0.0025			
8/11/2016			<0.0025	<0.0025	<0.0025
8/15/2016	<0.0025	<0.0025			
10/4/2016		<0.0025			
10/5/2016			<0.0025	<0.0025	<0.0025
10/7/2016	<0.0025				
11/29/2016			<0.0025	<0.0025	
11/30/2016					<0.0025
12/1/2016	<0.0025	<0.0025			
2/7/2017		<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.0025	<0.0025	<0.0025
2/9/2017	<0.0025				
4/5/2017				<0.0025	
4/6/2017	<0.0025	<0.0025	<0.0025		<0.0025
6/20/2017		<0.0025			
6/21/2017			<0.0025	<0.0025	<0.0025
6/22/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/6/2017	<0.0025				
3/20/2018		<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	
10/3/2018	<0.0025				<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025		
9/12/2019				<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025		
3/19/2020				<0.0025	<0.0025
9/9/2020		<0.0025	<0.0025	<0.0025	
9/10/2020	<0.0025				<0.0025
4/1/2021		<0.0025	<0.0025		
4/5/2021				<0.0025	<0.0025
4/6/2021	<0.0025				
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022			<0.0025	<0.0025	<0.0025
8/26/2022	<0.0025	<0.0025			
2/27/2023	<0.0025	<0.0025			
2/28/2023			<0.0025	<0.0025	<0.0025
8/8/2023				<0.0025	<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025		
2/29/2024			<0.0025	<0.0025	
3/1/2024	<0.0025	<0.0025			<0.0025
8/6/2024	<0.0025		<0.0025	<0.0025	<0.0025
8/8/2024		<0.0025			
2/24/2025	<0.0025				
2/25/2025		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	3.62	12.1	6.58		
4/12/2016				17.1	17
6/15/2016	4.5	11.8	6.9		
6/16/2016				19.8	19.7
8/10/2016	3.8	10	5.5		
8/11/2016				15	15
10/4/2016	5.3	14		17	18
10/5/2016			6.8		
11/29/2016		10	4.8		
11/30/2016	4.7			16	16
2/7/2017	3.8	12	7.8	17	18
4/4/2017	3.8	11	6.4		
4/5/2017				16	
4/6/2017					16
6/20/2017	4.1	11	7	17	17
10/4/2017	4.6			19	19
10/5/2017		13	6.6		
3/20/2018	4.2	12	6.6	18	18
10/2/2018	4.2	11	5.8	16	16
3/26/2019	4	11	6.7	16	17
9/10/2019	4.8	12	7.5	17	18
3/18/2020	3.8	12	7.3	19	18
9/9/2020	4	11	7.3	17	17
4/1/2021	4	12	7.8	18	17
8/11/2021	4.1	11	7.3		
8/12/2021					17
8/18/2021				18	
2/15/2022	3.6	10	7.1	16	16
8/24/2022			8.9	17	
8/25/2022	4.9	13			
8/26/2022					18
2/27/2023				19	19
2/28/2023	4.1	13	8.7		
8/3/2023	4.7	13	8.3		
8/9/2023				18	18
2/28/2024		15	9		
3/1/2024				18	18
3/4/2024	3.8				
8/6/2024	4.2	15	9	18	19
2/25/2025	4.1	13		17	17
2/26/2025			7.4		

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	8.52	11		17.8	
4/13/2016					14
4/19/2016			198 (o)		
6/20/2016	7.7	10.1		19.5	13.8
6/22/2016			132		
8/12/2016	7.3	9.9		17	
8/15/2016					13
8/16/2016			94		
10/5/2016	8.4				
10/6/2016		12	100	19	14
11/30/2016	8	11		19	
12/1/2016			100		13
2/8/2017	9.3	13			
2/9/2017			120	18	14
4/6/2017	8.1	12	140	18	
4/7/2017					14
6/21/2017	9.2		160	19	
6/22/2017		13			14
10/5/2017	10		130		
10/6/2017		15		19	16
3/21/2018	9.3	15		19	
3/22/2018			130		15
10/3/2018	7.5	13	88	16	
10/4/2018					13
3/26/2019	7.3	13		16	
3/27/2019			75		14
9/10/2019	6.6	12			
9/11/2019			46	19	14
3/18/2020	5.9		61	15	
3/19/2020		14			15
9/9/2020			35		
9/10/2020	6.3	13		16	15
4/1/2021			40		15
4/2/2021		15			
4/5/2021				16	
4/6/2021	7.4				
8/11/2021				16	14
8/12/2021	6.6	13	46		
2/15/2022	6	15	36	15	13
8/25/2022	5.5	17	37	19	16
12/28/2022		20			
2/27/2023		26		17	16
2/28/2023	5.9		34		
8/8/2023		25	30	15	15
8/9/2023	6.7				
2/29/2024		31	30	20	17
3/4/2024	8.9				
5/7/2024					17
5/20/2024				14	
8/6/2024			30		17
8/7/2024	10	29		16	
2/24/2025				23	19

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
2/25/2025	11	46	25		
4/22/2025		60 (R)		21 (R)	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		18	15.6	12.8	1.18
4/19/2016	20				
6/21/2016			14.4	11.6	1.12
6/22/2016		16.7			
8/15/2016		16	14	11	0.95
10/5/2016			17	14	1
10/6/2016		17			
10/10/2016	19				
12/1/2016	18	17	15	12	0.92
2/8/2017		18	17	13	1.2
2/9/2017	20				
4/5/2017					1.1
4/6/2017		17	16	12	
4/7/2017	27				
6/20/2017				13	0.96
6/21/2017	27	17	16		
8/15/2017	29				
9/1/2017	32				
10/5/2017		19	19	14	1.1
10/9/2017	31				
3/21/2018		19	17	13	1.3
3/22/2018	30				
10/2/2018		16	17	12	0.86
10/4/2018	37				
3/26/2019					1.1
3/27/2019	47	16	16	12	
9/11/2019	37	17	18	13	0.94
3/18/2020	53	16	20	14	1.6
9/9/2020	64	16	20		
9/10/2020				13	1.1
4/1/2021		16	19	13	1.2
4/5/2021	52				
8/11/2021				13	1
8/12/2021	37	18			
8/17/2021			18		
2/15/2022	49	16	17		
2/16/2022				12	1.1
8/25/2022	39	21	20	14	
8/26/2022					0.99
12/28/2022		18			
2/21/2023			20		
2/27/2023	64	20		14	1.2
8/8/2023	53	18			
8/9/2023			18	14	1.1
2/29/2024	49			14	1.4
3/1/2024		20	20		
8/6/2024	36	22	19	13	1.1
11/6/2024		23			
2/24/2025	42	34	20	14	1.7

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			10.5	10.4	
4/12/2016					13.5
4/13/2016	5.71	6.55			
6/16/2016			11.6	12.2	15
6/21/2016	5.54	6.04			
8/11/2016			10	9.5	12
8/15/2016	5.8	5.9			
10/4/2016		6.6			
10/5/2016			11	11	14
10/7/2016	6.1				
11/29/2016			9.6	9.8	
11/30/2016					12
12/1/2016	5.8	5.4			
2/7/2017		6.1			
2/8/2017			10	10	14
2/9/2017	6.3				
4/5/2017				10	
4/6/2017	5.8	6.1	9.7		13
6/20/2017		6.6			
6/21/2017			9.7	10	13
6/22/2017	6.4				
10/5/2017		7.2	11	12	15
10/6/2017	7.4				
3/20/2018		6.6	11	12	
3/21/2018					14
3/22/2018	6.8				
10/2/2018		6.5	9.6	11	
10/3/2018	6.4				13
3/26/2019	6.3	6.4	9.6	11	12
9/11/2019	7	7.3	10		
9/12/2019				14	14
3/18/2020	9.3	6.9	11		
3/19/2020				14	14
9/9/2020		6.5	10	15	
9/10/2020	6.7				13
4/1/2021		6.2	11		
4/5/2021				15	14
4/6/2021	7.4				
8/11/2021	6.7	6.9	10	17	14
10/7/2021				17	
2/16/2022	6.7	6.3	9.7	15	13
8/25/2022			11	18	15
8/26/2022	7.5	7			
12/28/2022				19	
2/27/2023	8.1	7.3			
2/28/2023			11	18	16
8/8/2023				18	16
8/9/2023	7.7	7.2	11		
2/29/2024			11	19	
3/1/2024	7.6	7.6			17
8/6/2024	7.4		11	20	17
8/8/2024		8.3			

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/24/2025	7.9				
2/25/2025		7.2	10	18	18
4/22/2025				20 (R)	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	5.342	1.789	1.69		
4/12/2016				4.32	2.34
6/15/2016	5.2	2.1	1.9		
6/16/2016				3.8 (D)	2.4 (D)
8/10/2016	5.5	1.8	1.7		
8/11/2016				4	2.4
10/4/2016	5.4	1.7		3.6	2.2
10/5/2016			1.6		
11/29/2016		1.7	1.7		
11/30/2016	5.4			3.8	2.2
2/7/2017	5.1	1.6	1.6	4.3	2.1
4/4/2017	5.1	1.6	1.5		
4/5/2017				4.1	
4/6/2017					2.1
6/20/2017	5.2	1.6	1.5	3.9	2.1
10/4/2017	5.2			3.6	2
10/5/2017		1.5	1.5		
3/20/2018	5.6	1.5	1.4	3.9	2
10/2/2018	6.3	1.6	1.5	3.7	2
3/26/2019	5.5	1.5	1.3	3.6	1.9
9/10/2019	5.2	1.4	1.3	2.9	1.7
3/18/2020	5.4	1.7	2	4.2	2.4
9/9/2020	6.1	1.6	1.3	3.9	2
4/1/2021	7	1.8	1.5	4.2	2.5
8/11/2021	7.2	1.8	1.4		
8/12/2021					2.5
8/18/2021				4	
2/15/2022	6.5	1.6	1.4	4	2.2
8/24/2022			1.4	3.6	
8/25/2022	6.9	1.6			
8/26/2022					2.1
2/27/2023				3.8	2.2
2/28/2023	6.3	1.7	1.4		
8/3/2023	6.3	1.6	1.3		
8/9/2023				3.5	2.1
2/28/2024		1.6	1.4		
3/1/2024				4.2	2.5
3/4/2024	5.6				
8/6/2024	6	1.7	1.4	3.5	2.2
2/25/2025	5.7	1.6		3.9	2.1
2/26/2025			1.5		

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	3.04	4.57		6.07	
4/13/2016					1.68
4/19/2016			124 (O)		
6/20/2016	3.1	3.1		6.8	2
6/22/2016			81		
8/15/2016					1.8
8/16/2016	3.2	3.2	71	7.6	
10/5/2016	3.2				
10/6/2016		3.4	68	7.3	1.7
11/30/2016	3.3	4.1		7.1	
12/1/2016			74		1.7
2/8/2017	3.5	7.2			
2/9/2017			76	5.8	1.7
4/6/2017	3.4	7.4	92	5.7	
4/7/2017					1.7
6/21/2017	3.5		100	6.1	
6/22/2017		7.8			1.6
10/5/2017	3.5		67		
10/6/2017		9.1		5.1	1.6
3/21/2018	3.4	13		5.4	
3/22/2018			74		1.6
10/3/2018	3.5	13	46	5.7	
10/4/2018					1.7
3/26/2019	3	9.2		4.2	
3/27/2019			42		1.7
9/10/2019	2.5	5.1			
9/11/2019			19	7.2	2.1
3/18/2020	2.8		30	4	
3/19/2020		8.7			2.1
9/9/2020			8.7		
9/10/2020	2.7	9.7		6.3	2.5
4/1/2021			18		2.9
4/2/2021		11			
4/6/2021	2.9				
6/2/2021				6.3	
8/11/2021				6.5	3
8/12/2021	3.3	12	22		
2/15/2022	2.7	11	16	6.1	2.7
8/25/2022	3.2	11	12	6.2	3
2/27/2023		16		5.2	3.5
2/28/2023	3.1		11		
5/2/2023		24			
8/8/2023		16	8.2	5.5	3.8
8/9/2023	3.2				
2/29/2024		21	8.2	7	4.8
3/4/2024	3				
5/20/2024		28			
8/6/2024			8.1		4.9
8/7/2024	2.7	19		5.9	
2/24/2025				6.1	6.5
2/25/2025	2.4	28	4.9 (J)		
4/22/2025		45 (R)			

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		3.64	2.04	1.78	1.8
4/19/2016	6.9				
6/21/2016			2.2	2	2
6/22/2016		3.8			
8/15/2016		3.7	2.2	1.9	1.8
10/5/2016			2.1	1.8	1.7
10/6/2016		3.4			
10/10/2016	7.2				
12/1/2016	7.1	4	2.1	1.8	1.7
2/8/2017		4	2.3	1.8	1.7
2/9/2017	7.2				
4/5/2017					1.7
4/6/2017		4	2.2	1.7	
4/7/2017	7.5				
6/20/2017				1.7	1.6
6/21/2017	7.6	3.3	2.3		
8/15/2017	7.8				
9/1/2017	7.6				
10/5/2017		3.3	2.3	1.7	1.6
10/9/2017	7.5				
3/21/2018		3.6	2.3	1.6	1.6
3/22/2018	7				
10/2/2018		3.1	2.6	1.7	1.6
10/4/2018	6.1				
3/26/2019					1.7
3/27/2019	6.6	3	2.4	1.5	
9/11/2019	7	3.4	2.9	1.8	1.9
3/18/2020	8.5	3.4	4.1	1.9	2.1
9/9/2020	11	3.2	4.3		
9/10/2020				1.9	1.8
4/1/2021		4.3	4.4	1.9	2
6/1/2021	9.4				
8/11/2021				1.8	1.8
8/12/2021	7.8	4.1			
8/17/2021			3.1		
2/15/2022	9.1	3.7	4.6		
2/16/2022				1.7	1.9
8/25/2022	7.5	4.2	5	1.8	
8/26/2022					1.7
2/21/2023			4.3		
2/27/2023	8.8	4.2		1.8	1.9
8/8/2023	8.2	4			
8/9/2023			3.7	1.7	1.8
2/29/2024	8.1			2.2	2.3
3/1/2024		5.2	5		
8/6/2024	6.8	5.2	5.2	1.9	2
2/24/2025	6.8	6.3	4.6	1.8	2.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			2.53	1.84	
4/12/2016					2.03
4/13/2016	1.82	2.71			
6/16/2016			2.5 (D)	1.9 (D)	2.2 (D)
6/21/2016	1.9	3			
8/11/2016			2.6	1.9	2.1
8/15/2016	1.6	3.1			
10/4/2016		3			
10/5/2016			2.5	1.7	1.9
10/7/2016	1.5				
11/29/2016			2.4	1.7	
11/30/2016					2
12/1/2016	1.4	3.1			
2/7/2017		2.9			
2/8/2017			2.5	1.7	2
2/9/2017	1.5				
4/5/2017				1.7	
4/6/2017	1.4	2.7	2.4		<1
6/20/2017		2.9			
6/21/2017			2.4	1.7	1.9
6/22/2017	1.5				
10/5/2017		2.8	2.3	1.6	1.9
10/6/2017	1.3				
3/20/2018		2.7	2.3	1.6	
3/21/2018					1.8
3/22/2018	1.4				
10/2/2018		3	2.5	1.7	
10/3/2018	1.5				2
3/26/2019	1.6	2.5	2.7	1.8	1.9
9/11/2019	1.5	3.1	2.6		
9/12/2019				1.5	1.6
3/18/2020	1.6	3	2.7		
3/19/2020				2.2	2.2
9/9/2020		2.9	2.8	2.4	
9/10/2020	1.7				2.1
4/1/2021		3.8	2.8		
4/6/2021	1.8				
6/1/2021				2.6	2.1
8/11/2021	1.6	3.7	2.9	2.8	2.1
2/16/2022	1.5	3.2	2.7	2.4	2
8/25/2022			2.8	2.4	2.1
8/26/2022	1.5	3.3			
2/27/2023	1.5	3.5			
2/28/2023			2.8	2.6	2.2
8/8/2023				2.6	2.2
8/9/2023	1.4	3.5	2.6		
2/29/2024			3.2	3.1	
3/1/2024	1.8	4.7			2.5
8/6/2024	1.5		2.8	2.8	2.3
8/8/2024		4.4			
2/24/2025	1.5				
2/25/2025		4.3	2.8	2.7	2.4

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			0.0032 (J)		
5/9/2010	<0.002	0.003 (J)			
5/11/2010				0.0077	0.0051
6/16/2010		0.0042 (J)	0.0037 (J)		
6/17/2010				0.0053	
6/18/2010	<0.002				
6/19/2010					<0.005
7/26/2010			0.0058		
7/27/2010		0.0048 (J)		0.0085	0.01
7/28/2010	<0.002				
9/7/2010		0.0037 (J)	0.0078		
9/9/2010	<0.002			0.0076	0.0072
4/28/2011				0.0048 (J)	0.0077
4/29/2011		0.0046 (J)	0.005		
4/30/2011	<0.002				
10/28/2011	<0.002	0.005	0.0068		0.011
10/29/2011				0.0093	
5/2/2012	<0.002	0.0052	0.0065		
5/3/2012				0.01	0.011
11/9/2012	<0.002	0.0054	0.006	0.009	0.0089
5/8/2013	<0.002	0.0058	0.0074		
5/9/2013				0.0085	0.0089
11/5/2013	0.0036 (J)			0.015	0.011
11/6/2013		0.0062 (J)	0.0082 (J)		
5/20/2014	<0.002	0.0047 (J)	0.0051 (J)		
5/22/2014					0.01
5/23/2014				0.012	
11/8/2014		0.0064 (J)	0.0074 (J)		
11/12/2014	<0.002				
11/13/2014				0.011	0.0084 (J)
5/22/2015	<0.002	0.0059 (J)	0.0084 (J)		
5/23/2015				0.012	
5/24/2015					0.0095 (J)
11/9/2015		0.0043 (J)	0.009 (J)		
11/11/2015	<0.002			0.014	0.011
4/6/2016	<0.002	0.00457 (J)	0.00779 (J)		
4/12/2016				0.0135	0.0122
6/15/2016	0.00029 (J)	0.0042 (J)	0.0072 (J)		
6/16/2016				0.014	0.011
8/10/2016	<0.002	0.0042	0.0068		
8/11/2016				0.013	0.01
10/4/2016	<0.002	0.0052		0.014	0.011
10/5/2016			0.0076		
11/29/2016		0.004	0.0045		
11/30/2016	<0.002			0.013	0.0098
2/7/2017	<0.002	0.004	0.0067	0.013	0.0096
4/4/2017	<0.002	0.0021 (J)	0.0079		
4/5/2017				0.014	
4/6/2017					0.01
6/20/2017	<0.002	0.0046	0.0084	0.013	0.01
10/4/2017	<0.002			0.015	0.011
10/5/2017		0.005	0.0061		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.002	0.0044	0.006	0.013	0.0099
10/2/2018	<0.002	0.0043	0.0061	0.014	0.01
3/26/2019	<0.002	0.0046	0.0065	0.013	0.0096
9/10/2019	0.0023 (J)	0.0076	0.012	0.018	0.014
3/18/2020	<0.002	0.0044	0.0083	0.014	0.011
9/9/2020	<0.002	0.005	0.0088	0.014	0.01
4/1/2021	<0.002	0.0053	0.0082	0.014	0.0057
8/11/2021	<0.002	0.0059	0.0089		
8/12/2021					0.012
8/18/2021				0.014	
2/15/2022	<0.002	0.0056	0.0084	0.011	0.011
8/24/2022			0.0076	0.014	
8/25/2022	<0.002	0.0056			
8/26/2022					0.0095
2/27/2023				0.014	0.012
2/28/2023	<0.002	0.0061	0.0083		
8/3/2023	<0.002	0.0073	0.0089		
8/9/2023				0.017	0.012
2/28/2024		0.0071	0.0096		
3/1/2024				0.014	0.011
3/4/2024	<0.002				
8/6/2024	<0.002	0.008	0.0086	0.016	0.012
2/25/2025	<0.002	0.0068		0.013	0.0092
2/26/2025			0.0083		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					0.007
5/11/2010	0.01	0.0046 (J)	0.004 (J)	<0.005	
6/17/2010	0.0087	0.007			
6/18/2010			0.0056	0.0063	0.011
7/27/2010			0.0051	0.004 (J)	
7/28/2010	0.028 (O)	0.0084			0.0092
9/7/2010	0.022				
9/8/2010		0.0071			
9/9/2010			0.0037 (J)	0.0053	0.01
4/28/2011		0.008			
4/29/2011	0.0099		0.0036 (J)		
4/30/2011				0.0035 (J)	0.012
10/28/2011	0.0089		0.0026 (J)		
10/29/2011		0.0054		0.0048 (J)	0.012
5/3/2012	0.0091	0.0065			
5/4/2012			0.0031 (J)	0.0064	0.013
11/9/2012	0.008				
11/10/2012		0.0059	<0.005	0.0084	0.0097
5/9/2013			0.0033 (J)	0.0041 (J)	0.013
5/10/2013	0.019	0.0083			
11/6/2013	0.013	0.0099 (J)	0.0045 (J)		
11/7/2013				0.0077 (J)	0.013
5/21/2014				0.0044 (J)	0.0091 (J)
5/22/2014	0.0093 (J)	0.0049 (J)	0.0035 (J)		
11/9/2014	0.0098 (J)	0.0068 (J)	0.0062 (J)	0.0071 (J)	
11/12/2014					0.0097 (J)
5/22/2015	0.01	0.0087 (J)			
5/24/2015			0.012	0.01	0.018
11/10/2015	0.011				
11/11/2015		0.0084 (J)	0.0068 (J)	0.0053 (J)	0.0086 (J)
4/12/2016	0.00925 (J)	0.00419 (J)		0.00493 (J)	
4/13/2016					0.00924 (J)
4/19/2016			0.00368 (J)		
6/20/2016	0.0076 (J)	0.0043 (J)		0.0043 (J)	0.0084 (J)
6/22/2016			0.0031 (J)		
8/12/2016	0.0079	0.0037		0.0037	
8/15/2016					0.0083
8/16/2016			0.0028		
10/5/2016	0.0085				
10/6/2016		0.0062	0.003	0.004	0.0081
11/30/2016	0.0086	0.0043		0.0035	
12/1/2016			0.0022 (J)		0.0083
2/8/2017	0.011	0.0052			
2/9/2017			0.0035	0.0041	0.0087
4/6/2017	0.0098	0.005	0.0032	0.0038	
4/7/2017					0.009
6/21/2017	0.011		0.0031	0.004	
6/22/2017		0.0052			0.0092
10/5/2017	0.01		0.0029		
10/6/2017		0.0049		0.0038	0.0095
3/21/2018	0.0093	0.0062		0.012	
3/22/2018			0.0086		0.0086

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.0081	0.0039	0.003	0.0042	
10/4/2018					0.0083
3/26/2019	0.0075	0.0084		0.0044	
3/27/2019			0.0039		0.0088
9/10/2019	0.0092	0.0067			
9/11/2019			0.0079	0.0078	0.013
3/18/2020	0.0049		0.0052	0.0046	
3/19/2020		0.0045			0.011
9/9/2020			0.0048		
9/10/2020	0.0061	0.0055		0.0049	0.0098
4/1/2021			0.0058		0.0091
4/2/2021		0.0052			
4/5/2021				0.005	
4/6/2021	0.0074				
8/11/2021				0.005	0.0092
8/12/2021	0.0085	0.0045	0.0053		
2/15/2022	0.0076	0.0041	0.0061	0.0046	0.0088
8/25/2022	0.0072	0.0038	0.0058	0.0046	0.0085
2/27/2023		0.0039		0.0047	0.0092
2/28/2023	0.01		0.0068		
8/8/2023		0.0049	0.0066	0.0048	0.0094
8/9/2023	0.013				
2/29/2024		0.0038	0.0074	0.0051	0.012
3/4/2024	0.014				
8/6/2024			0.0067		0.02
8/7/2024	0.018	0.0031		0.0046	
11/6/2024					0.02
2/24/2025				0.0054	0.024
2/25/2025	0.015	0.0025	0.0057		

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.002
5/10/2010	<0.002	0.0097	0.011	0.011	
6/16/2010		0.0074	0.0095	0.012	
6/18/2010					<0.002
6/19/2010	<0.002				
7/27/2010		0.0068		0.012	0.002 (J)
7/28/2010	0.0034 (J)		0.01		
9/8/2010	0.014	0.007	0.011	0.011	<0.002
4/29/2011		0.0062	0.0096	0.01	<0.002
4/30/2011	0.022				
10/27/2011	0.0064	0.0084	0.011	0.0077	
10/28/2011					<0.002
5/3/2012		0.0099			<0.002
5/4/2012	0.059 (o)		0.01	0.0082	
11/10/2012				0.007	<0.002
11/11/2012	0.011	0.0073	0.01		
5/9/2013		0.0085	0.011	0.0079	<0.002
5/10/2013	0.038 (O)				
11/5/2013			0.015		
11/6/2013		0.013		0.011	0.0031 (J)
11/7/2013	0.012				
5/20/2014				0.0076 (J)	0.002 (J)
5/21/2014	0.0048 (J)	0.0097 (J)	0.013		
11/12/2014		0.0072 (J)	0.012	0.0071 (J)	<0.002
11/13/2014	0.023				
5/23/2015	0.015	0.0095 (J)	0.014		0.0027 (J)
5/24/2015				0.0083 (J)	
11/11/2015	0.016				
11/12/2015		0.0046 (J)	0.016	0.0069 (J)	0.0022 (J)
4/13/2016		0.00627 (J)	0.0152	0.00804 (J)	<0.002
4/19/2016	0.0086 (J)				
6/21/2016			0.016	0.0086 (J)	0.0012 (J)
6/22/2016		0.0079 (J)			
8/15/2016		0.0075	0.015	0.0073	0.0021 (J)
10/5/2016			0.016	0.0077	0.0013 (J)
10/6/2016		0.0071			
10/10/2016	0.0052				
12/1/2016	0.0062	0.007	0.015	0.0075	0.0015 (J)
2/8/2017		0.0047	0.017	0.0078	0.0016 (J)
2/9/2017	0.0091				
4/5/2017					0.0014 (J)
4/6/2017		0.006	0.018	0.0079	
4/7/2017	<0.002				
6/20/2017				0.0078	0.0015 (J)
6/21/2017	<0.002	0.0071	0.017		
8/15/2017	<0.002				
9/1/2017	<0.002				
10/5/2017		0.008	0.018	0.0081	0.0015 (J)
10/9/2017	<0.002				
3/21/2018		0.0046	0.017	0.0081	0.0014 (J)
3/22/2018	0.0079				
10/2/2018		0.0081	0.018	0.0075	0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.002				
3/26/2019					0.0013 (J)
3/27/2019	<0.002	0.0064	0.017	0.007	
9/11/2019	0.0052	0.012	0.023	0.011	0.0036
3/18/2020	<0.002	0.0066	0.02	0.0086	0.0016 (J)
9/9/2020	<0.002	0.0081	0.018		
9/10/2020				0.009	<0.002
4/1/2021		0.0018 (J)	0.02	0.0078	0.0015 (J)
4/5/2021	<0.002				
8/11/2021				0.0078	<0.002
8/12/2021	<0.002	0.0077			
8/17/2021			0.042 (o)		
10/18/2021			0.019		
2/15/2022	<0.002	0.0079	0.021		
2/16/2022				0.0074	<0.002
8/25/2022	<0.002	0.0092	0.018	0.0069	
8/26/2022					<0.002
2/21/2023			0.02		
2/27/2023	<0.002	0.0094		0.0082	0.002
8/8/2023	0.0013 (J)	0.0085			
8/9/2023			0.022	0.0087	0.0026
2/29/2024	<0.002			0.0086	0.0021
3/1/2024		0.0092	0.019		
8/6/2024	<0.002	0.0084	0.018	0.0072	0.0014 (J)
2/24/2025	<0.002	0.0029	0.017	0.0079	0.0012 (J)

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	0.0051	<0.002			
5/10/2010			0.012		
5/11/2010				0.0039 (J)	0.0063
6/16/2010			0.014	0.0049 (J)	
6/17/2010					0.0053
6/18/2010	0.0043 (J)	<0.002			
7/26/2010			0.013		
7/27/2010				0.0047 (J)	0.0064
7/28/2010		<0.002			
7/29/2010	0.0058				
9/7/2010			0.015	0.0057	0.0078
9/9/2010	0.0052	<0.002			
4/26/2011	0.0025 (J)				
4/29/2011			0.014	0.0087	0.0065
4/30/2011		<0.002			
10/28/2011	0.0035 (J)	<0.002	0.014	0.0075	0.0092
5/2/2012			0.017	0.011	
5/3/2012		<0.002			0.011
5/4/2012	0.0073				
11/9/2012			0.014	0.0076	
11/10/2012		<0.002			0.0073
11/11/2012	0.004 (J)				
5/8/2013	0.006	<0.002	0.017		
5/9/2013				0.0088	0.0098
11/5/2013		0.0036 (J)			
11/6/2013			0.017	0.011	0.011
11/7/2013	0.0068 (J)				
5/20/2014	0.0039 (J)	<0.002			
5/22/2014				0.0057 (J)	0.0097 (J)
5/23/2014			0.013		
11/8/2014			0.018	0.013	
11/9/2014					0.012
11/12/2014	0.0039 (J)	<0.002			
5/22/2015			0.02	0.014	0.016
5/24/2015	0.004 (J)	<0.002			
11/10/2015			0.013	0.0091 (J)	0.0088 (J)
11/11/2015		<0.002			
11/12/2015	0.0077 (J)				
4/11/2016			0.0139	0.00767 (J)	
4/12/2016					0.00965 (J)
4/13/2016	0.0038 (J)	<0.002			
6/16/2016			0.014	0.0082 (J)	0.0087 (J)
6/21/2016	0.0035 (J)	0.0006 (J)			
8/11/2016			0.016	0.0085	0.0083
8/15/2016	0.0034	<0.002			
10/4/2016		<0.002			
10/5/2016			0.014	0.01	0.0094
10/7/2016	0.0037				
11/29/2016			0.013	0.0087	
11/30/2016					0.0084
12/1/2016	0.0037	<0.002			
2/7/2017		<0.002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			0.013	0.0093	0.0091
2/9/2017	0.0038				
4/5/2017				0.0098	
4/6/2017	0.0039	<0.002	0.014		0.011
6/20/2017		<0.002			
6/21/2017			0.013	0.0094	0.0081
6/22/2017	0.0042				
10/5/2017		<0.002	0.014	0.0096	0.0083
10/6/2017	0.0039				
3/20/2018		<0.002	0.014	0.0097	
3/21/2018					0.0085
3/22/2018	0.028 (O)				
10/2/2018		<0.002	0.014	0.0097	
10/3/2018	0.0056				0.0091
3/26/2019	0.0048	<0.002	0.014	0.0091	0.0092
9/11/2019	0.0075	0.0038	0.017		
9/12/2019				0.012	0.011
3/18/2020	0.008	<0.002	0.014		
3/19/2020				0.012	0.0094
9/9/2020		<0.002	0.013	0.011	
9/10/2020	0.0054				0.009
4/1/2021		<0.002	0.014		
4/5/2021				0.012	0.008
4/6/2021	0.0061				
8/11/2021	0.0051	<0.002	0.014	0.013	0.0087
2/16/2022	0.005	<0.002	0.012	0.011	0.0081
8/25/2022			0.012	0.015	0.0079
8/26/2022	0.0043	<0.002			
2/27/2023	0.006	<0.002			
2/28/2023			0.012	0.014	0.009
8/8/2023				0.014	0.01
8/9/2023	0.0066	0.0018 (J)	0.014		
2/29/2024			0.013	0.015	
3/1/2024	0.0059	0.0022			0.0088
8/6/2024	0.0045		0.013	0.015	0.0088
8/8/2024		<0.002			
2/24/2025	0.0053				
2/25/2025		<0.002	0.011	0.016	0.0084

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/11/2010				<0.0025	<0.0025
6/16/2010		<0.0025	<0.0025		
6/17/2010				<0.0025	
6/18/2010	<0.0025				
6/19/2010					<0.0025
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025				
9/7/2010		<0.0025	<0.0025		
9/9/2010	<0.0025			<0.0025	<0.0025
4/28/2011				<0.0025	<0.0025
4/29/2011		0.003 (JO)	<0.0025		
4/30/2011	<0.0025				
10/28/2011	<0.0025	<0.0025	<0.0025		<0.0025
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/22/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				
11/13/2014				<0.0025	<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	
5/24/2015					<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	<0.0025
4/6/2016	0.00261 (JO)	<0.0025	<0.0025		
4/12/2016				<0.0025	<0.0025
6/15/2016	0.00092 (J)	2.2E-05 (J)	8.4E-05 (J)		
6/16/2016				2E-05 (J)	1.1E-05 (J)
8/10/2016	0.00076 (J)	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/4/2016	0.00081 (J)	<0.0025		<0.0025	<0.0025
10/5/2016			<0.0025		
11/29/2016		<0.0025	<0.0025		
11/30/2016	0.00061 (J)			<0.0025	<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/4/2017	0.00084 (J)	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	0.0012 (J)	<0.0025	<0.0025	<0.0025	<0.0025
10/4/2017	0.00087 (J)			<0.0025	<0.0025
10/5/2017		<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	0.0018 (J)	<0.0025	<0.0025	<0.0025	<0.0025
10/2/2018	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	0.0019 (J)	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019	0.0012 (J)	0.00031 (J)	0.00052 (J)	<0.0025	0.00015 (J)
3/18/2020	0.0017 (J)	0.00034 (J)	<0.0025	0.00017 (J)	<0.0025
9/9/2020	0.0016 (J)	<0.0025	0.00019 (J)	<0.0025	<0.0025
4/1/2021	0.0024 (J)	0.00014 (J)	<0.0025	<0.0025	<0.0025
8/11/2021	0.0011 (J)	<0.0025	<0.0025		
8/12/2021					0.0002 (J)
8/18/2021				0.00025 (J)	
2/15/2022	0.0029	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	0.0014 (J)	<0.0025			
8/26/2022					<0.0025
2/27/2023				<0.0025	<0.0025
2/28/2023	0.0026	<0.0025	<0.0025		
8/3/2023	0.0017 (J)	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	0.0026				
8/6/2024	0.001 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025	0.0013 (J)	<0.0025		<0.0025	<0.0025
2/26/2025			<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0025
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/17/2010	<0.0025	<0.0025			
6/18/2010			<0.0025	<0.0025	<0.0025
7/27/2010			<0.0025	<0.0025	
7/28/2010	0.0034 (JO)	<0.0025			<0.0025
9/7/2010	<0.0025				
9/8/2010		<0.0025			
9/9/2010			<0.0025	<0.0025	<0.0025
4/28/2011		<0.0025			
4/29/2011	0.0037 (JO)		<0.0025		
4/30/2011				<0.0025	<0.0025
10/28/2011	<0.0025		<0.0025		
10/29/2011		<0.0025		<0.0025	<0.0025
5/3/2012	<0.0025	<0.0025			
5/4/2012			<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025				
11/10/2012		<0.0025	<0.0025	<0.0025	<0.0025
5/9/2013			<0.0025	<0.0025	<0.0025
5/10/2013	<0.0025	<0.0025			
11/6/2013	<0.0025	<0.0025	<0.0025		
11/7/2013				<0.0025	<0.0025
5/21/2014				<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025		
11/9/2014	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2014					<0.0025
5/22/2015	<0.0025	<0.0025			
5/24/2015			<0.0025	<0.0025	<0.0025
11/10/2015	<0.0025				
11/11/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/12/2016	<0.0025	<0.0025		<0.0025	
4/13/2016					<0.0025
4/19/2016			<0.0025		
6/20/2016	0.0001 (J)	0.00016 (J)		3E-05 (J)	8.6E-05 (J)
6/22/2016			<0.0025		
8/12/2016	0.00042 (J)	<0.0025		<0.0025	
8/15/2016					<0.0025
8/16/2016			<0.0025		
10/5/2016	<0.0025				
10/6/2016		0.00068 (J)	<0.0025	<0.0025	<0.0025
11/30/2016	<0.0025	<0.0025		<0.0025	
12/1/2016			<0.0025		<0.0025
2/8/2017	<0.0025	<0.0025			
2/9/2017			<0.0025	<0.0025	<0.0025
4/6/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/7/2017					<0.0025
6/21/2017	0.00042 (J)		<0.0025	<0.0025	
6/22/2017		<0.0025			<0.0025
10/5/2017	<0.0025		<0.0025		
10/6/2017		<0.0025		<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025		<0.0025	
3/22/2018			<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2018					<0.0025
3/26/2019	<0.0025	0.00096 (J)		<0.0025	
3/27/2019			<0.0025		<0.0025
9/10/2019	0.00028 (J)	<0.0025			
9/11/2019			9.9E-05 (J)	8.7E-05 (J)	0.00016 (J)
3/18/2020	0.00014 (J)		<0.0025	<0.0025	
3/19/2020		0.00021 (J)			0.00013 (J)
9/9/2020			<0.0025		
9/10/2020	0.00023 (J)	0.00032 (J)		<0.0025	0.00038 (J)
4/1/2021			<0.0025		0.00015 (J)
4/2/2021		0.00026 (J)			
4/5/2021				0.00015 (J)	
4/6/2021	0.00031 (J)				
8/11/2021				<0.0025	<0.0025
8/12/2021	0.00067 (J)	<0.0025	<0.0025		
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	0.00046 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025		<0.0025	<0.0025
2/28/2023	<0.0025		<0.0025		
8/8/2023		<0.0025	<0.0025	<0.0025	<0.0025
8/9/2023	<0.0025				
2/29/2024		<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024			<0.0025		<0.0025
8/7/2024	0.00023 (J)	<0.0025		<0.0025	
2/24/2025				<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0025
5/10/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/16/2010		<0.0025	<0.0025	<0.0025	
6/18/2010					<0.0025
6/19/2010	<0.0025				
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025		<0.0025		
9/8/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025	<0.0025	<0.0025
4/30/2011	0.0063 (JO)				
10/27/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/28/2011					<0.0025
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025		<0.0025	<0.0025	
11/10/2012				<0.0025	<0.0025
11/11/2012	<0.0025	<0.0025	<0.0025		
5/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
5/10/2013	0.0068 (JO)				
11/5/2013			<0.0025		
11/6/2013		<0.0025		<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014				<0.0025	<0.0025
5/21/2014	<0.0025	<0.0025	<0.0025		
11/12/2014		<0.0025	<0.0025	<0.0025	<0.0025
11/13/2014	0.0046 (J)				
5/23/2015	<0.0025	<0.0025	<0.0025		<0.0025
5/24/2015				<0.0025	
11/11/2015	<0.0025				
11/12/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/13/2016		<0.0025	<0.0025	<0.0025	<0.0025
4/19/2016	<0.0025				
6/21/2016			<0.0025	<0.0025	0.0004 (J)
6/22/2016		<0.0025			
8/15/2016		<0.0025	<0.0025	<0.0025	0.00042 (J)
10/5/2016			<0.0025	<0.0025	0.00049 (J)
10/6/2016		<0.0025			
10/10/2016	<0.0025				
12/1/2016	0.00068 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/8/2017		<0.0025	<0.0025	<0.0025	<0.0025
2/9/2017	0.0009 (J)				
4/5/2017					<0.0025
4/6/2017		<0.0025	<0.0025	<0.0025	
4/7/2017	0.0011 (J)				
6/20/2017				<0.0025	0.0004 (J)
6/21/2017	0.00064 (J)	<0.0025	<0.0025		
8/15/2017	0.001 (J)				
9/1/2017	0.00089 (J)				
10/5/2017		<0.0025	<0.0025	<0.0025	0.00041 (J)
10/9/2017	0.00085 (J)				
3/21/2018		<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018	<0.0025 (O)				
10/2/2018		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	0.00048 (J)				
3/26/2019					<0.0025
3/27/2019	0.0012 (J)	<0.0025	<0.0025	<0.0025	
9/11/2019	0.00085 (J)	0.00016 (J)	<0.0025	<0.0025	0.00042 (J)
3/18/2020	0.0027	<0.0025	<0.0025	<0.0025	0.00013 (J)
9/9/2020	0.0043	0.00023 (J)	<0.0025		
9/10/2020				0.00033 (J)	0.00057 (J)
4/1/2021		0.00015 (J)	<0.0025	<0.0025	0.00028 (J)
4/5/2021	0.0026				
8/11/2021				<0.0025	0.00033 (J)
8/12/2021	0.0019 (J)	0.00013 (J)			
8/17/2021			0.0035		
10/18/2021			<0.0025		
2/15/2022	0.0037	<0.0025	<0.0025		
2/16/2022				<0.0025	0.00033 (J)
8/25/2022	0.0021 (J)	0.00053 (J)	<0.0025	<0.0025	
8/26/2022					0.00033 (J)
2/21/2023			<0.0025		
2/27/2023	0.004	<0.0025		<0.0025	<0.0025
8/8/2023	0.0044	<0.0025			
8/9/2023			<0.0025	<0.0025	0.00035 (J)
2/29/2024	0.0031			<0.0025	0.00027 (J)
3/1/2024		<0.0025	<0.0025		
8/6/2024	0.0017 (J)	<0.0025	<0.0025	<0.0025	0.00029 (J)
2/24/2025	0.0018 (J)	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.0025	<0.0025			
5/10/2010			<0.0025		
5/11/2010				<0.0025	<0.0025
6/16/2010			<0.0025	<0.0025	
6/17/2010					<0.0025
6/18/2010	<0.0025	<0.0025			
7/26/2010			<0.0025		
7/27/2010				<0.0025	<0.0025
7/28/2010		<0.0025			
7/29/2010	<0.0025				
9/7/2010			<0.0025	<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025			
4/26/2011	<0.0025				
4/29/2011			<0.0025	<0.0025	<0.0025
4/30/2011		<0.0025			
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012			<0.0025	<0.0025	
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025				
11/9/2012			<0.0025	<0.0025	
11/10/2012		<0.0025			<0.0025
11/11/2012	<0.0025				
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013			<0.0025	<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014	<0.0025	<0.0025			
5/22/2014				<0.0025	<0.0025
5/23/2014			<0.0025		
11/8/2014			<0.0025	<0.0025	
11/9/2014					<0.0025
11/12/2014	<0.0025	<0.0025			
5/22/2015			0.0032 (JO)	<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025			
11/10/2015			<0.0025	<0.0025	<0.0025
11/11/2015		<0.0025			
11/12/2015	<0.0025				
4/11/2016			<0.0025	<0.0025	
4/12/2016					<0.0025
4/13/2016	<0.0025	<0.0025			
6/16/2016			8E-05 (J)	9.8E-05 (J)	0.00012 (J)
6/21/2016	<0.0025	<0.0025			
8/11/2016			<0.0025	<0.0025	<0.0025
8/15/2016	<0.0025	<0.0025			
10/4/2016		<0.0025			
10/5/2016			<0.0025	<0.0025	<0.0025
10/7/2016	<0.0025				
11/29/2016			<0.0025	<0.0025	
11/30/2016					<0.0025
12/1/2016	<0.0025	<0.0025			
2/7/2017		<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.0025	<0.0025	<0.0025
2/9/2017	<0.0025				
4/5/2017				<0.0025	
4/6/2017	<0.0025	<0.0025	<0.0025		0.0005 (J)
6/20/2017		<0.0025			
6/21/2017			<0.0025	<0.0025	<0.0025
6/22/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/6/2017	<0.0025				
3/20/2018		<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	
10/3/2018	<0.0025				<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	0.00023 (J)		
9/12/2019				0.00021 (J)	0.00021 (J)
3/18/2020	<0.0025	<0.0025	0.00018 (J)		
3/19/2020				0.00014 (J)	0.00026 (J)
9/9/2020		<0.0025	0.00014 (J)	<0.0025	
9/10/2020	<0.0025				0.00018 (J)
4/1/2021		<0.0025	<0.0025		
4/5/2021				<0.0025	<0.0025
4/6/2021	<0.0025				
8/11/2021	<0.0025	<0.0025	0.00021 (J)	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022			<0.0025	<0.0025	<0.0025
8/26/2022	<0.0025	<0.0025			
2/27/2023	<0.0025	<0.0025			
2/28/2023			<0.0025	<0.0025	<0.0025
8/8/2023				<0.0025	<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025		
2/29/2024			<0.0025	<0.0025	
3/1/2024	<0.0025	<0.0025			<0.0025
8/6/2024	<0.0025		<0.0025	<0.0025	<0.0025
8/8/2024		<0.0025			
2/24/2025	<0.0025				
2/25/2025		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/11/2010				<0.002	<0.002
6/16/2010		<0.002	<0.002		
6/17/2010				<0.002	
6/18/2010	<0.002				
6/19/2010					<0.002
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	<0.002				
9/7/2010		<0.002	<0.002		
9/9/2010	<0.002			<0.002	<0.002
4/28/2011				<0.002	<0.002
4/29/2011		<0.002	<0.002		
4/30/2011	<0.002				
10/28/2011	<0.002	<0.002	<0.002		<0.002
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/22/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				
11/13/2014				<0.002	<0.002
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	
5/24/2015					<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	<0.002
10/4/2016	<0.002	<0.002		<0.002	<0.002
10/5/2016			<0.002		
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
10/4/2017	<0.002			<0.002	<0.002
10/5/2017		<0.002	<0.002		
3/20/2018	<0.002	<0.002	<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019	<0.002	0.00095 (J)	0.0012 (J)	<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	0.00074 (J)	<0.002	<0.002	0.00069 (J)
8/11/2021	<0.002	<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					0.00078 (J)
8/18/2021				0.0011 (J)	
2/15/2022	<0.002	<0.002	<0.002	0.0013 (J)	0.0013 (J)
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			
8/26/2022					<0.002
2/27/2023				<0.002	<0.002
2/28/2023	<0.002	<0.002	<0.002		
8/3/2023	<0.002	<0.002	<0.002		
8/9/2023				<0.002	<0.002
2/28/2024		<0.002	<0.002		
3/1/2024				<0.002	<0.002
3/4/2024	<0.002				
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/25/2025	<0.002	<0.002		<0.002	<0.002
2/26/2025			<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.002
5/11/2010	0.003 (J)	<0.002	<0.002	<0.002	
6/17/2010	<0.002	0.0022 (J)			
6/18/2010			<0.002	0.0026 (J)	0.008 (JO)
7/27/2010			<0.002	0.0029 (J)	
7/28/2010	0.012 (O)	0.0033 (J)			0.0021 (J)
9/7/2010	0.0026 (J)				
9/8/2010		<0.002			
9/9/2010			<0.002	<0.002	<0.002
4/28/2011		0.0037 (J)			
4/29/2011	<0.002		<0.002		
4/30/2011				<0.002	<0.002
10/28/2011	<0.002		<0.002		
10/29/2011		<0.002		<0.002	<0.002
5/3/2012	<0.002	0.0031 (J)			
5/4/2012			<0.002	0.0037 (J)	<0.002
11/9/2012	<0.002				
11/10/2012		0.0021 (J)	<0.002	<0.002	<0.002
5/9/2013			<0.002	<0.002	<0.002
5/10/2013	0.0042 (J)	0.0025 (J)			
11/6/2013	<0.002	0.0032 (J)	<0.002		
11/7/2013				<0.002	0.0022 (J)
5/21/2014				<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002		
11/9/2014	<0.002	<0.002	<0.002	<0.002	
11/12/2014					<0.002
5/22/2015	<0.002	<0.002			
5/24/2015			<0.002	<0.002	0.0022 (J)
11/10/2015	<0.002				
11/11/2015		0.002 (J)	<0.002	<0.002	<0.002
4/12/2016	<0.002	<0.002		<0.002	
4/13/2016					<0.002
4/19/2016			<0.002		
10/5/2016	<0.002				
10/6/2016		0.0022 (J)	<0.002	<0.002	<0.002
4/6/2017	<0.002	<0.002	<0.002	<0.002	
4/7/2017					<0.002
10/5/2017	<0.002		<0.002		
10/6/2017		<0.002		<0.002	0.0026
3/21/2018	<0.002	<0.002		<0.002	
3/22/2018			<0.002		<0.002
10/3/2018	<0.002	<0.002	<0.002	<0.002	
10/4/2018					<0.002
3/26/2019	<0.002	0.0039		<0.002	
3/27/2019			<0.002		<0.002
9/10/2019	0.0011 (J)	0.0017 (J)			
9/11/2019			<0.002	0.00066 (J)	0.00086 (J)
3/18/2020	<0.002		<0.002	<0.002	
3/19/2020		<0.002			<0.002
9/9/2020			<0.002		
9/10/2020	0.00072 (J)	0.0011 (J)		<0.002	0.0024
4/1/2021			<0.002		0.00094 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		0.0012 (J)			
4/5/2021				<0.002	
4/6/2021	0.00088 (J)				
8/11/2021				<0.002	<0.002
8/12/2021	0.0019 (J)	<0.002	<0.002		
2/15/2022	0.0013 (J)	0.0011 (J)	<0.002	<0.002	<0.002
8/25/2022	0.0013 (J)	<0.002	<0.002	<0.002	<0.002
2/27/2023		<0.002		<0.002	<0.002
2/28/2023	<0.002		<0.002		
8/8/2023		<0.002	<0.002	<0.002	<0.002
8/9/2023	<0.002				
2/29/2024		<0.002	<0.002	<0.002	<0.002
3/4/2024	<0.002				
8/6/2024			<0.002		<0.002
8/7/2024	<0.002	<0.002		<0.002	
2/24/2025				<0.002	<0.002
2/25/2025	<0.002	<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.002
5/10/2010	0.0036 (J)	<0.002	<0.002	<0.002	
6/16/2010		<0.002	<0.002	<0.002	
6/18/2010					<0.002
6/19/2010	0.004 (J)				
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	0.013		<0.002		
9/8/2010	0.068	<0.002	<0.002	<0.002	<0.002
4/29/2011		<0.002	<0.002	<0.002	<0.002
4/30/2011	0.098				
10/27/2011	0.02	<0.002	<0.002	<0.002	
10/28/2011					<0.002
5/3/2012		0.0023 (J)			<0.002
5/4/2012	0.024		<0.002	<0.002	
11/10/2012				<0.002	<0.002
11/11/2012	0.032	<0.002	<0.002		
5/9/2013		<0.002	<0.002	<0.002	<0.002
5/10/2013	0.18 (O)				
11/5/2013			<0.002		
11/6/2013		<0.002		<0.002	<0.002
11/7/2013	0.021				
5/20/2014				<0.002	<0.002
5/21/2014	0.0089 (J)	<0.002	<0.002		
11/12/2014		<0.002	<0.002	<0.002	<0.002
11/13/2014	0.1				
5/23/2015	0.048	<0.002	<0.002		<0.002
5/24/2015				<0.002	
11/11/2015	0.059				
11/12/2015		<0.002	<0.002	<0.002	<0.002
4/13/2016		<0.002	<0.002	<0.002	<0.002
4/19/2016	0.0131 (J)				
10/5/2016			<0.002	<0.002	<0.002
10/6/2016		<0.002			
10/10/2016	0.0046				
4/5/2017					<0.002
4/6/2017		<0.002	<0.002	<0.002	
4/7/2017	<0.002				
10/5/2017		<0.002	<0.002	0.0021 (J)	<0.002
10/9/2017	<0.002				
3/21/2018		0.0038	<0.002	<0.002	<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	<0.002
10/4/2018	<0.002				
3/26/2019					<0.002
3/27/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002		
9/10/2020				0.0007 (J)	<0.002
4/1/2021		<0.002	<0.002	<0.002	<0.002
4/5/2021	<0.002				
8/11/2021				<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.002	<0.002			
8/17/2021			0.0053		
10/18/2021			<0.002		
2/15/2022	<0.002	<0.002	<0.002		
2/16/2022				<0.002	<0.002
8/25/2022	<0.002	0.0017 (J)	<0.002	<0.002	
8/26/2022					<0.002
2/21/2023			<0.002		
2/27/2023	<0.002	0.0013 (J)		<0.002	<0.002
8/8/2023	<0.002	<0.002			
8/9/2023			<0.002	<0.002	<0.002
2/29/2024	<0.002			<0.002	<0.002
3/1/2024		<0.002	<0.002		
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/24/2025	<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.002	<0.002			
5/10/2010			<0.002		
5/11/2010				<0.002	<0.002
6/16/2010			0.0025 (J)	<0.002	
6/17/2010					<0.002
6/18/2010	<0.002	<0.002			
7/26/2010			0.0023 (J)		
7/27/2010				<0.002	0.0021 (J)
7/28/2010		<0.002			
7/29/2010	<0.002				
9/7/2010			<0.002	<0.002	<0.002
9/9/2010	<0.002	<0.002			
4/26/2011	<0.002				
4/29/2011			<0.002	<0.002	<0.002
4/30/2011		<0.002			
10/28/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/2/2012			<0.002	<0.002	
5/3/2012		0.0021 (J)			<0.002
5/4/2012	0.0024 (J)				
11/9/2012			<0.002	<0.002	
11/10/2012		<0.002			<0.002
11/11/2012	<0.002				
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013			<0.002	<0.002	<0.002
11/7/2013	<0.002				
5/20/2014	<0.002	<0.002			
5/22/2014				<0.002	<0.002
5/23/2014			<0.002		
11/8/2014			<0.002	<0.002	
11/9/2014					<0.002
11/12/2014	<0.002	<0.002			
5/22/2015			<0.002	<0.002	<0.002
5/24/2015	<0.002	<0.002			
11/10/2015			<0.002	<0.002	<0.002
11/11/2015		<0.002			
11/12/2015	<0.002				
4/11/2016			<0.002	<0.002	
4/12/2016					<0.002
4/13/2016	<0.002	<0.002			
10/4/2016		<0.002			
10/5/2016			<0.002	<0.002	<0.002
10/7/2016	<0.002				
4/5/2017				<0.002	
4/6/2017	<0.002	<0.002	<0.002		<0.002
10/5/2017		<0.002	<0.002	<0.002	<0.002
10/6/2017	<0.002				
3/20/2018		<0.002	<0.002	<0.002	
3/21/2018					<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.002				<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	0.00084 (J)		
3/18/2020	<0.002	<0.002	<0.002		
3/19/2020				<0.002	<0.002
9/9/2020		<0.002	0.00084 (J)	<0.002	
9/10/2020	<0.002				<0.002
4/1/2021		<0.002	<0.002		
4/5/2021				<0.002	<0.002
4/6/2021	<0.002				
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022			<0.002	<0.002	<0.002
8/26/2022	<0.002	<0.002			
2/27/2023	<0.002	<0.002			
2/28/2023			0.0011 (J)	<0.002	<0.002
8/8/2023				<0.002	<0.002
8/9/2023	<0.002	<0.002	<0.002		
2/29/2024			<0.002	<0.002	
3/1/2024	<0.002	<0.002			<0.002
8/6/2024	<0.002		<0.002	<0.002	<0.002
8/8/2024		<0.002			
2/24/2025	<0.002				
2/25/2025		<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	0.017 (J)	0.048 (J)	0.039 (J)		
4/12/2016				0.087 (J)	0.046 (J)
6/15/2016	<0.01	<0.01	<0.01		
6/16/2016				0.04 (JD)	<0.01 (D)
8/10/2016	<0.01	<0.01	<0.01		
8/11/2016				0.092 (J)	<0.01
10/4/2016	<0.01	<0.01		<0.01	<0.01
10/5/2016			<0.01		
11/29/2016		<0.01	<0.01		
11/30/2016	<0.01			0.091 (J)	<0.01
2/7/2017	<0.01	<0.01	<0.01	<0.01	<0.01
4/4/2017	<0.01	<0.01	<0.01		
4/5/2017				<0.01	
4/6/2017					<0.01
6/20/2017	<0.01	<0.01	<0.01	0.082 (J)	<0.01
10/4/2017	<0.01			<0.01	<0.01
10/5/2017		<0.01	<0.01		
3/20/2018	<0.01	<0.01	<0.01	<0.01	<0.01
10/2/2018	<0.01	<0.01	<0.01	0.089 (J)	<0.01
3/26/2019	<0.01	0.041 (J)	0.042 (J)	0.072 (J)	0.046 (J)
9/10/2019	<0.01	0.047 (J)	0.046 (J)	0.077 (J)	0.048 (J)
3/18/2020	0.036 (J)	0.041 (J)	0.071 (J)	0.098 (J)	0.055 (J)
9/9/2020	<0.01	0.034 (J)	0.036 (J)	0.069 (J)	0.033 (J)
4/1/2021	<0.01	0.035 (J)	0.042 (J)	0.081 (J)	0.043 (J)
8/11/2021	0.036 (J)	0.05 (J)	0.053 (J)		
8/12/2021					0.054 (J)
8/18/2021				0.14	
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.079 (J)	0.083 (J)	0.12	0.072 (J)
5/12/2022				0.048 (J)	
8/24/2022			0.047 (J)	0.075 (J)	
8/25/2022	<0.01	0.047 (J)			
8/26/2022					0.048 (J)
2/27/2023				0.08 (J)	0.055 (J)
2/28/2023	0.077 (J)	0.089 (J)	0.067 (J)		
8/3/2023	<0.01	0.074 (J)	0.068 (J)		
8/9/2023				0.11	0.068 (J)
2/28/2024		<0.01	<0.01		
3/1/2024				<0.01	<0.01
3/4/2024	<0.01				
8/6/2024	<0.01	<0.01	<0.01	0.079 (J)	0.049 (J)
2/25/2025	<0.01	<0.01		<0.01	<0.01
2/26/2025			<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	0.057 (J)	0.121 (J)		0.061 (J)	
4/13/2016					0.061 (J)
4/19/2016			0.024 (J)		
6/20/2016	0.04 (J)	0.04 (J)		<0.01	0.12 (J)
6/22/2016			<0.01		
8/15/2016					<0.01
8/16/2016	<0.01	0.13 (J)	<0.01	<0.01	
10/5/2016	<0.01				
10/6/2016		0.1 (J)	<0.01	<0.01	<0.01
11/30/2016	<0.01	0.13 (J)		<0.01	
12/1/2016			<0.01		<0.01
2/8/2017	<0.01	0.093 (J)			
2/9/2017			<0.01	<0.01	<0.01
4/6/2017	<0.01	0.1 (J)	<0.01	<0.01	
4/7/2017					<0.01
6/21/2017	<0.01		<0.01	<0.01	
6/22/2017		0.11 (J)			<0.01
10/5/2017	<0.01		<0.01		
10/6/2017		0.096 (J)		<0.01	<0.01
3/21/2018	<0.01	0.094 (J)		<0.01	
3/22/2018			<0.01		<0.01
10/3/2018	<0.01	0.1 (J)	<0.01	<0.01	
10/4/2018					<0.01
3/26/2019	0.046 (J)	0.087 (J)		0.058 (J)	
3/27/2019			0.038 (J)		0.04 (J)
9/10/2019	0.058 (J)	0.097 (J)			
9/11/2019			0.045 (J)	0.058 (J)	0.057 (J)
3/18/2020	0.091 (J)		0.055 (J)	0.082 (J)	
3/19/2020		0.038 (J)			<0.01
9/9/2020			0.033 (J)		
9/10/2020	0.063 (J)	0.1		0.052 (J)	0.053 (J)
4/1/2021			0.029 (J)		0.072 (J)
4/2/2021		0.097 (J)			
4/6/2021	0.045 (J)				
6/2/2021				0.038 (J)	
8/11/2021				0.055 (J)	0.058 (J)
8/12/2021	0.084 (J)	0.11	0.045 (J)		
2/15/2022	0.092 (J)	0.13	0.16	0.095 (J)	0.083 (J)
5/12/2022			0.03 (J)		
8/25/2022	0.059 (J)	0.077 (J)	0.047 (J)	0.058 (J)	0.051 (J)
2/27/2023		0.075 (J)		0.072 (J)	0.054 (J)
2/28/2023	0.08 (J)		0.065 (J)		
8/8/2023		0.1	0.066 (J)	0.1	0.084 (J)
8/9/2023	0.076 (J)				
2/29/2024		<0.01	<0.01	<0.01	<0.01
3/4/2024	<0.01				
8/6/2024			<0.01		0.048 (J)
8/7/2024	0.059 (J)	<0.01		0.065 (J)	
2/24/2025				<0.01	<0.01
2/25/2025	<0.01	<0.01	<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		0.083 (J)	0.082 (J)	0.061 (J)	0.01 (J)
4/19/2016	0.135 (J)				
6/21/2016			0.02 (J)	0.03 (J)	<0.01
6/22/2016		0.03 (J)			
8/15/2016		<0.01	<0.01	<0.01	<0.01
10/5/2016			<0.01	<0.01	<0.01
10/6/2016		<0.01			
10/10/2016	0.12 (J)				
12/1/2016	0.12 (J)	<0.01	<0.01	<0.01	<0.01
2/8/2017		<0.01	<0.01	<0.01	<0.01
2/9/2017	0.11 (J)				
4/5/2017					<0.01
4/6/2017		<0.01	<0.01	<0.01	
4/7/2017	0.15 (J)				
6/20/2017				<0.01	<0.01
6/21/2017	0.21	<0.01	<0.01		
8/15/2017	0.1 (J)				
9/1/2017	0.084 (J)				
10/5/2017		0.084 (J)	<0.01	<0.01	<0.01
10/9/2017	0.11 (J)				
3/21/2018		<0.01	<0.01	<0.01	<0.01
3/22/2018	0.091 (J)				
10/2/2018		<0.01	<0.01	<0.01	<0.01
10/4/2018	0.14 (J)				
3/26/2019					0.026 (J)
3/27/2019	0.071 (J)	0.066 (J)	0.077 (J)	0.048 (J)	
9/11/2019	0.071 (J)	0.067 (J)	0.067 (J)	0.054 (J)	0.039 (J)
3/18/2020	0.073 (J)	0.096 (J)	0.088 (J)	0.064 (J)	0.046 (J)
9/9/2020	0.038 (J)	0.067 (J)	0.055 (J)		
9/10/2020				0.052 (J)	<0.01
4/1/2021		0.072 (J)	0.086 (J)	0.042 (J)	<0.01
6/1/2021	0.034 (J)				
8/11/2021				0.051 (J)	0.029 (J)
8/12/2021	0.087 (J)	0.085 (J)			
8/17/2021			0.083 (J)		
2/15/2022	0.096 (J)	0.096 (J)	0.099 (J)		
2/16/2022				<0.01	<0.01
8/25/2022	0.059 (J)	0.064 (J)	0.065 (J)	0.059 (J)	
8/26/2022					0.026 (J)
2/21/2023			0.061 (J)		
2/27/2023	0.097 (J)	0.07 (J)		0.064 (J)	0.032 (J)
8/8/2023	0.053 (J)	0.088 (J)			
8/9/2023			0.083 (J)	0.071 (J)	<0.01
2/29/2024	<0.01			<0.01	<0.01
3/1/2024		<0.01	<0.01		
8/6/2024	<0.01	0.07 (J)	0.064 (J)	<0.01	<0.01
2/24/2025	<0.01	<0.01	<0.01	<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			0.047 (J)	0.048 (J)	
4/12/2016					0.056 (J)
4/13/2016	0.039 (J)	0.027 (J)			
6/16/2016			<0.01 (D)	<0.01 (D)	<0.01 (D)
6/21/2016	<0.01	<0.01			
8/11/2016			<0.01	<0.01	<0.01
8/15/2016	<0.01	<0.01			
10/4/2016		<0.01			
10/5/2016			<0.01	<0.01	<0.01
10/7/2016	<0.01				
11/29/2016			<0.01	<0.01	
11/30/2016					<0.01
12/1/2016	<0.01	<0.01			
2/7/2017		<0.01			
2/8/2017			<0.01	<0.01	<0.01
2/9/2017	<0.01				
4/5/2017				<0.01	
4/6/2017	<0.01	<0.01	<0.01		<0.01
6/20/2017		<0.01			
6/21/2017			<0.01	<0.01	<0.01
6/22/2017	<0.01				
10/5/2017		<0.01	<0.01	<0.01	<0.01
10/6/2017	<0.01				
3/20/2018		<0.01	<0.01	<0.01	
3/21/2018					<0.01
3/22/2018	<0.01				
10/2/2018		<0.01	<0.01	<0.01	
10/3/2018	<0.01				<0.01
3/26/2019	0.04 (J)	0.034 (J)	0.046 (J)	0.04 (J)	0.045 (J)
9/11/2019	0.051 (J)	0.045 (J)	0.055 (J)		
9/12/2019				0.032 (J)	0.044 (J)
3/18/2020	0.055 (J)	0.068 (J)	<0.01		
3/19/2020				<0.01	<0.01
9/9/2020		<0.01	0.045 (J)	0.034 (J)	
9/10/2020	0.034 (J)				0.051 (J)
4/1/2021		<0.01	0.041 (J)		
4/6/2021	0.026 (J)				
6/1/2021				0.026 (J)	0.033 (J)
8/11/2021	0.045 (J)	0.045 (J)	0.062 (J)	0.047 (J)	0.051 (J)
2/16/2022	<0.01	<0.01	0.034 (J)	0.028 (J)	<0.01
8/25/2022			0.047 (J)	0.042 (J)	0.05 (J)
8/26/2022	0.055 (J)	0.068 (J)			
2/27/2023	0.055 (J)	0.047 (J)			
2/28/2023			0.12	0.079 (J)	0.089 (J)
8/8/2023				0.067 (J)	0.053 (J)
8/9/2023	0.06 (J)	<0.01	0.066 (J)		
2/29/2024			<0.01	<0.01	
3/1/2024	<0.01	<0.01			<0.01
8/6/2024	<0.01		<0.01	<0.01	<0.01
8/8/2024		<0.01			
2/24/2025	<0.01				
2/25/2025		<0.01	<0.01	<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	0.0021 (J)			
5/11/2010				<0.001	<0.001
6/16/2010		0.0028 (J)	0.0021 (J)		
6/17/2010				0.0026 (J)	
6/18/2010	<0.001				
6/19/2010					0.003 (J)
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				0.0036 (J)	0.0037 (J)
4/29/2011		0.0032 (J)	0.0024 (J)		
4/30/2011	<0.001				
10/28/2011	<0.001	0.0025 (J)	0.002 (J)		0.003 (J)
10/29/2011				0.0038 (J)	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	0.0024 (J)	<0.001	0.0024 (J)	0.003 (J)
5/8/2013	<0.001	0.0051	0.0034 (J)		
5/9/2013				0.0085	0.0063
11/5/2013	<0.001			0.0042 (J)	0.0043 (J)
11/6/2013		0.0033 (J)	0.0028 (J)		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	0.0021 (J)
5/22/2015	<0.001	0.0036 (J)	0.0032 (J)		
5/23/2015				0.0044 (J)	
5/24/2015					0.0043 (J)
11/9/2015		0.0039 (J)	<0.001		
11/11/2015	<0.001			0.0042 (J)	0.0032 (J)
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		<0.001	<0.001
10/5/2016			<0.001		
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001			0.00067 (J)	<0.001
10/5/2017		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	0.00016 (J)	0.00022 (J)	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00023 (J)	0.00014 (J)
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				0.00028 (J)	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	0.011 (O)	<0.001	<0.001	<0.001	
6/17/2010	0.0027 (J)	<0.001			
6/18/2010			0.0024 (J)	<0.001	0.0027 (J)
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		0.002 (J)			
9/9/2010			<0.001	<0.001	0.002 (J)
4/28/2011		0.0042 (J)			
4/29/2011	0.0038 (J)		0.0028 (J)		
4/30/2011				0.0034 (J)	0.0037 (J)
10/28/2011	<0.001		<0.001		
10/29/2011		0.0036 (J)		0.0041 (J)	0.0025 (J)
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	0.0029 (J)				
11/10/2012		0.0023 (J)	<0.001	0.0023 (J)	0.003 (J)
5/9/2013			0.0061	0.0067	0.0064
5/10/2013	0.0061	0.0062			
11/6/2013	0.0025 (J)	0.0043 (J)	0.0034 (J)		
11/7/2013				0.0048 (J)	0.0037 (J)
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	0.0034 (J)	0.0046 (J)			
5/24/2015			0.0093 (JO)	0.0045 (J)	0.0053 (J)
11/10/2015	0.0021 (J)				
11/11/2015		0.0028 (J)	0.0071 (J)	0.0048 (J)	0.0022 (J)
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
6/20/2016	<0.001	<0.001		<0.001	<0.001
6/22/2016			<0.001		
8/12/2016	<0.001	<0.001		<0.001	
8/15/2016					<0.001
8/16/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	<0.001	<0.001
11/30/2016	<0.001	<0.001		<0.001	
12/1/2016			<0.001		<0.001
2/8/2017	<0.001	<0.001			
2/9/2017			<0.001	<0.001	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017		<0.001			<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.00037 (J)	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		0.00019 (J)			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	0.00017 (J)
4/1/2021			<0.001		<0.001
4/2/2021		<0.001			
4/5/2021				<0.001	
4/6/2021	<0.001				
8/11/2021				<0.001	0.00014 (J)
8/12/2021	0.00014 (J)	<0.001	<0.001		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		0.003 (J)	0.002 (J)	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	0.0023 (J)	<0.001	<0.001	<0.001	<0.001
4/29/2011		0.0039 (J)	0.003 (J)	0.0032 (J)	<0.001
4/30/2011	0.011 (O)				
10/27/2011	0.0055	0.0043 (J)	0.0027 (J)	0.0027 (J)	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	0.0029 (J)		<0.001	<0.001	
11/10/2012				0.0025 (J)	<0.001
11/11/2012	0.0052	0.0025 (J)	0.0022 (J)		
5/9/2013		0.0067	0.007	0.0051	<0.001
5/10/2013	0.023 (O)				
11/5/2013			0.0048 (J)		
11/6/2013		0.0069		0.0037 (J)	<0.001
11/7/2013	0.0083				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		0.002 (J)	0.002 (J)	<0.001	<0.001
11/13/2014	0.0085				
5/23/2015	0.0077 (J)	0.003 (J)	0.0035 (J)		<0.001
5/24/2015				0.0037 (J)	
11/11/2015	0.008 (J)				
11/12/2015		0.0044 (J)	0.0032 (J)	0.0038 (J)	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
6/21/2016			<0.001	<0.001	<0.001
6/22/2016		<0.001			
8/15/2016		<0.001	<0.001	<0.001	<0.001
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
12/1/2016	0.00047 (J)	<0.001	<0.001	<0.001	<0.001
2/8/2017		<0.001	<0.001	<0.001	<0.001
2/9/2017	0.0012 (J)				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
6/20/2017				<0.001	<0.001
6/21/2017	<0.001	<0.001	<0.001		
8/15/2017	<0.001				
9/1/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	0.0017	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				0.00014 (J)	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	0.00034 (J)				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001			
8/17/2021			0.00044 (J)		
10/18/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	0.00021 (J)			0.0012	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	0.0026 (J)
6/16/2010			0.0023 (J)	0.0022 (J)	
6/17/2010					0.0021 (J)
6/18/2010	0.0021 (J)	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			0.0033 (J)	0.0029 (J)	0.0032 (J)
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	0.0023 (J)	0.0021 (J)	0.0025 (J)
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	0.002 (J)	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	0.0036 (J)	0.0024 (J)	0.0052		
5/9/2013				0.0056	0.0056
11/5/2013		0.0028 (J)			
11/6/2013			0.003 (J)	0.0035 (J)	0.0032 (J)
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			0.0023 (J)	0.0047 (J)	0.0044 (J)
5/24/2015	<0.001	<0.001			
11/10/2015			0.0025 (J)	0.0044 (J)	0.0038 (J)
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
6/21/2016	<0.001	<0.001			
8/11/2016			<0.001	<0.001	<0.001
8/15/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
11/29/2016			<0.001	<0.001	
11/30/2016					<0.001
12/1/2016	<0.001	<0.001			
2/7/2017		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017				0.0009 (J)	
4/6/2017	<0.001	<0.001	<0.001		<0.001
6/20/2017		<0.001			
6/21/2017			<0.001	<0.001	<0.001
6/22/2017	<0.001				
10/5/2017		<0.001	<0.001	0.0015	<0.001
10/6/2017	0.00061 (J)				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				0.00014 (J)	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0002		
5/9/2010	<0.0002	<0.0002			
5/11/2010				<0.0002	<0.0002
6/16/2010		<0.0002	<0.0002		
6/17/2010				<0.0002	
6/18/2010	<0.0002				
6/19/2010					<0.0002
7/26/2010			<0.0002		
7/27/2010		<0.0002		<0.0002	<0.0002
7/28/2010	<0.0002				
9/7/2010		7.4E-05 (J)	7.8E-05 (J)		
9/9/2010	<0.0002			<0.0002	9.3E-05 (J)
4/28/2011				<0.0002	<0.0002
4/29/2011		<0.0002	<0.0002		
4/30/2011	<0.0002				
10/28/2011	<0.0002	<0.0002	<0.0002		<0.0002
10/29/2011				<0.0002	
5/2/2012	<0.0002	<0.0002	<0.0002		
5/3/2012				<0.0002	<0.0002
11/9/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/8/2013	7E-05 (J)	8E-05 (J)	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013	<0.0002			7.3E-05 (J)	0.00011 (J)
11/6/2013		0.00014 (J)	0.00011 (J)		
5/20/2014	<0.0002	<0.0002	<0.0002		
5/22/2014					<0.0002
5/23/2014				<0.0002	
11/8/2014		<0.0002	<0.0002		
11/12/2014	<0.0002				
11/13/2014				<0.0002	<0.0002
5/22/2015	7.2E-05 (J)	<0.0002	7.1E-05 (J)		
5/23/2015				<0.0002	
5/24/2015					<0.0002
11/9/2015		<0.0002	<0.0002		
11/11/2015	<0.0002			<0.0002	<0.0002
4/6/2016	<0.0002	<0.0002	<0.0002		
4/12/2016				<0.0002	<0.0002
6/15/2016	<0.0002	<0.0002	<0.0002		
6/16/2016				<0.0002	<0.0002
8/10/2016	9.3E-05 (J)	<0.0002	0.00011 (J)		
8/11/2016				0.0001 (J)	0.00012 (J)
10/4/2016	<0.0002	<0.0002		<0.0002	<0.0002
10/5/2016			<0.0002		
11/29/2016		<0.0002	<0.0002		
11/30/2016	<0.0002			<0.0002	<0.0002
2/7/2017	<0.0002	<0.0002	<0.0002	7E-05 (J)	<0.0002
4/4/2017	<0.0002	<0.0002	<0.0002		
4/5/2017				<0.0002	
4/6/2017					<0.0002
6/20/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
10/4/2017	<0.0002			<0.0002	<0.0002
10/5/2017		<0.0002	<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.0002	<0.0002	0.00014 (J)	0.00011 (J)	0.00012 (J)
10/2/2018	0.000138 (JD)	0.00012 (J)	0.000139 (JD)	0.000136 (JD)	<0.0002
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002		
8/12/2021					<0.0002
8/18/2021				<0.0002	
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/24/2022			<0.0002	<0.0002	
8/25/2022	<0.0002	<0.0002			
8/26/2022					<0.0002
2/27/2023				<0.0002	<0.0002
2/28/2023	<0.0002	<0.0002	<0.0002		
8/3/2023	<0.0002	<0.0002	<0.0002		
8/9/2023				<0.0002	<0.0002
2/28/2024		<0.0002	<0.0002		
3/1/2024				<0.0002	<0.0002
3/4/2024	<0.0002				
8/6/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/25/2025	<0.0002	<0.0002		<0.0002	<0.0002
2/26/2025			<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0002
5/11/2010	<0.0002	<0.0002	<0.0002	<0.0002	
6/17/2010	<0.0002	<0.0002			
6/18/2010			<0.0002	<0.0002	<0.0002
7/27/2010			<0.0002	<0.0002	
7/28/2010	<0.0002	<0.0002			<0.0002
9/7/2010	0.00012 (J)				
9/8/2010		<0.0002			
9/9/2010			<0.0002	0.00017 (J)	<0.0002
4/28/2011		<0.0002			
4/29/2011	<0.0002		<0.0002		
4/30/2011				<0.0002	<0.0002
10/28/2011	<0.0002		<0.0002		
10/29/2011		<0.0002		<0.0002	7E-05 (J)
5/3/2012	<0.0002	<0.0002			
5/4/2012			<0.0002	<0.0002	<0.0002
11/9/2012	<0.0002				
11/10/2012		<0.0002	<0.0002	<0.0002	<0.0002
5/9/2013			0.00016 (J)	0.00014 (J)	<0.0002
5/10/2013	0.00014 (J)	0.00012			
11/6/2013	0.00014 (J)	<0.0002	<0.0002		
11/7/2013				0.00011 (J)	0.00016 (J)
5/21/2014				<0.0002	<0.0002
5/22/2014	<0.0002	<0.0002	<0.0002		
11/9/2014	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2014					<0.0002
5/22/2015	<0.0002	<0.0002			
5/24/2015			<0.0002	<0.0002	<0.0002
11/10/2015	<0.0002				
11/11/2015		<0.0002	<0.0002	<0.0002	<0.0002
4/12/2016	<0.0002	<0.0002		<0.0002	
4/13/2016					<0.0002
4/19/2016			<0.0002		
6/20/2016	<0.0002	<0.0002		<0.0002	<0.0002
6/22/2016			<0.0002		
8/12/2016	<0.0002	<0.0002		<0.0002	
8/15/2016					<0.0002
8/16/2016			<0.0002		
10/5/2016	<0.0002				
10/6/2016		<0.0002	<0.0002	<0.0002	<0.0002
11/30/2016	<0.0002	<0.0002		<0.0002	
12/1/2016			<0.0002		<0.0002
2/8/2017	<0.0002	<0.0002			
2/9/2017			<0.0002	<0.0002	<0.0002
4/6/2017	<0.0002	<0.0002	<0.0002	<0.0002	
4/7/2017					<0.0002
6/21/2017	<0.0002		<0.0002	<0.0002	
6/22/2017		<0.0002			<0.0002
10/5/2017	<0.0002		<0.0002		
10/6/2017		<0.0002		<0.0002	<0.0002
3/21/2018	<0.0002	0.00012 (J)		0.00011 (J)	
3/22/2018			9.5E-05 (J)		9.9E-05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.000139 (JD)	0.00014 (JD)	0.0001405 (JD)	0.0001385 (JD)	
10/4/2018					0.0001445 (JD)
3/26/2019	<0.0002	<0.0002		<0.0002	
3/27/2019			<0.0002		<0.0002
9/10/2019	<0.0002	<0.0002			
9/11/2019			<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002		<0.0002	<0.0002	
3/19/2020		<0.0002			0.00011 (J)
9/9/2020			<0.0002		
9/10/2020	<0.0002	<0.0002		<0.0002	<0.0002
4/1/2021			<0.0002		<0.0002
4/2/2021		<0.0002			
4/6/2021	<0.0002				
6/2/2021				<0.0002	
8/11/2021				<0.0002	<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002		
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2023		<0.0002		<0.0002	<0.0002
2/28/2023	<0.0002		<0.0002		
8/8/2023		<0.0002	<0.0002	<0.0002	<0.0002
8/9/2023	<0.0002				
2/29/2024		<0.0002	<0.0002	<0.0002	<0.0002
3/4/2024	<0.0002				
8/6/2024			<0.0002		<0.0002
8/7/2024	<0.0002	<0.0002		<0.0002	
2/24/2025				<0.0002	<0.0002
2/25/2025	<0.0002	<0.0002	<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0002
5/10/2010	<0.0002	<0.0002	<0.0002	<0.0002	
6/16/2010		<0.0002	<0.0002	<0.0002	
6/18/2010					<0.0002
6/19/2010	<0.0002				
7/27/2010		<0.0002		<0.0002	<0.0002
7/28/2010	<0.0002		<0.0002		
9/8/2010	0.00011 (J)	<0.0002	8.8E-05 (J)	<0.0002	<0.0002
4/29/2011		<0.0002	<0.0002	<0.0002	<0.0002
4/30/2011	<0.0002				
10/27/2011	<0.0002	<0.0002	<0.0002	<0.0002	
10/28/2011					<0.0002
5/3/2012		<0.0002			<0.0002
5/4/2012	<0.0002		<0.0002	<0.0002	
11/10/2012				<0.0002	<0.0002
11/11/2012	<0.0002	<0.0002	<0.0002		
5/9/2013		<0.0002	<0.0002	0.00019 (J)	<0.0002
5/10/2013	0.00014 (J)				
11/5/2013			0.00011 (J)		
11/6/2013		8.8E-05 (J)		0.00014 (J)	<0.0002
11/7/2013	0.00019 (J)				
5/20/2014				<0.0002	<0.0002
5/21/2014	<0.0002	<0.0002	<0.0002		
11/12/2014		<0.0002	<0.0002	<0.0002	<0.0002
11/13/2014	<0.0002				
5/23/2015	<0.0002	<0.0002	<0.0002		<0.0002
5/24/2015				<0.0002	
11/11/2015	<0.0002				
11/12/2015		<0.0002	<0.0002	<0.0002	<0.0002
4/13/2016		<0.0002	<0.0002	<0.0002	<0.0002
4/19/2016	<0.0002				
6/21/2016			<0.0002	<0.0002	<0.0002
6/22/2016		<0.0002			
8/15/2016		<0.0002	<0.0002	<0.0002	<0.0002
10/5/2016			<0.0002	<0.0002	<0.0002
10/6/2016		<0.0002			
10/10/2016	0.00011 (J)				
12/1/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/8/2017		<0.0002	7.6E-05 (J)	<0.0002	<0.0002
2/9/2017	<0.0002				
4/5/2017					<0.0002
4/6/2017		<0.0002	<0.0002	<0.0002	
4/7/2017	<0.0002				
6/20/2017				<0.0002	<0.0002
6/21/2017	<0.0002	<0.0002	<0.0002		
8/15/2017	<0.0002				
9/1/2017	<0.0002				
10/5/2017		<0.0002	<0.0002	<0.0002	<0.0002
10/9/2017	8.9E-05 (J)				
3/21/2018		<0.0002	<0.0002	<0.0002	<0.0002
3/22/2018	9.7E-05 (J)				
10/2/2018		0.0001405 (JD)	0.000141 (JD)	0.000142 (JD)	0.000138 (JD)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.0002				
3/26/2019					<0.0002
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002		
9/10/2020				<0.0002	<0.0002
4/1/2021		<0.0002	<0.0002	<0.0002	<0.0002
6/1/2021	<0.0002				
8/11/2021				<0.0002	<0.0002
8/12/2021	<0.0002	<0.0002			
8/17/2021			<0.0002		
2/15/2022	<0.0002	<0.0002	<0.0002		
2/16/2022				<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	
8/26/2022					<0.0002
2/21/2023			<0.0002		
2/27/2023	<0.0002	<0.0002		<0.0002	<0.0002
8/8/2023	<0.0002	<0.0002			
8/9/2023			<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002			<0.0002	<0.0002
3/1/2024		<0.0002	<0.0002		
8/6/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/24/2025	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	8.2E-05 (J)	9.1E-05 (J)			
5/10/2010			<0.0002		
5/11/2010				<0.0002	8.5E-05 (J)
6/16/2010			<0.0002	<0.0002	
6/17/2010					<0.0002
6/18/2010	<0.0002	<0.0002			
7/26/2010			<0.0002		
7/27/2010				<0.0002	<0.0002
7/28/2010		<0.0002			
7/29/2010	<0.0002				
9/7/2010			<0.0002	0.00011 (J)	0.0001 (J)
9/9/2010	<0.0002	<0.0002			
4/26/2011	<0.0002				
4/29/2011			<0.0002	<0.0002	<0.0002
4/30/2011		<0.0002			
10/28/2011	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/2/2012			<0.0002	<0.0002	
5/3/2012		<0.0002			<0.0002
5/4/2012	<0.0002				
11/9/2012			<0.0002	<0.0002	
11/10/2012		<0.0002			<0.0002
11/11/2012	<0.0002				
5/8/2013	<0.0002	<0.0002	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013		0.00016 (J)			
11/6/2013			<0.0002	<0.0002	<0.0002
11/7/2013	0.0001 (J)				
5/20/2014	<0.0002	<0.0002			
5/22/2014				<0.0002	<0.0002
5/23/2014			<0.0002		
11/8/2014			<0.0002	<0.0002	
11/9/2014					<0.0002
11/12/2014	<0.0002	<0.0002			
5/22/2015			<0.0002	<0.0002	<0.0002
5/24/2015	<0.0002	<0.0002			
11/10/2015			<0.0002	<0.0002	<0.0002
11/11/2015		<0.0002			
11/12/2015	<0.0002				
4/11/2016			<0.0002	<0.0002	
4/12/2016					<0.0002
4/13/2016	<0.0002	<0.0002			
6/16/2016			<0.0002	<0.0002	<0.0002
6/21/2016	<0.0002	<0.0002			
8/11/2016			9.8E-05 (J)	9.5E-05 (J)	0.00012 (J)
8/15/2016	<0.0002	<0.0002			
10/4/2016		<0.0002			
10/5/2016			<0.0002	<0.0002	<0.0002
10/7/2016	0.00011 (J)				
11/29/2016			<0.0002	<0.0002	
11/30/2016					<0.0002
12/1/2016	<0.0002	<0.0002			
2/7/2017		<0.0002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			8.9E-05 (J)	7.6E-05 (J)	7.5E-05 (J)
2/9/2017	<0.0002				
4/5/2017				<0.0002	
4/6/2017	<0.0002	<0.0002	<0.0002		<0.0002
6/20/2017		<0.0002			
6/21/2017			<0.0002	<0.0002	<0.0002
6/22/2017	<0.0002				
10/5/2017		<0.0002	<0.0002	<0.0002	<0.0002
10/6/2017	<0.0002				
3/20/2018		<0.0002	<0.0002	0.0002	
3/21/2018					<0.0002
3/22/2018	0.00012 (J)				
10/2/2018		0.000143 (JD)	0.0001385 (JD)	0.0001405 (JD)	
10/3/2018	0.0001425 (JD)				0.0001415 (JD)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/11/2019	<0.0002	<0.0002	<0.0002		
9/12/2019				<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002		
3/19/2020				<0.0002	<0.0002
9/9/2020		<0.0002	<0.0002	<0.0002	
9/10/2020	<0.0002				<0.0002
4/1/2021		<0.0002	<0.0002		
4/6/2021	<0.0002				
6/1/2021				<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/16/2022	<0.0002	<0.0002	<0.0002	<0.0002	0.00015 (J)
8/25/2022			<0.0002	<0.0002	<0.0002
8/26/2022	<0.0002	<0.0002			
2/27/2023	<0.0002	<0.0002			
2/28/2023			<0.0002	<0.0002	<0.0002
8/8/2023				<0.0002	<0.0002
8/9/2023	<0.0002	<0.0002	<0.0002		
2/29/2024			<0.0002	<0.0002	
3/1/2024	<0.0002	<0.0002			<0.0002
8/6/2024	<0.0002		<0.0002	<0.0002	<0.0002
8/8/2024		<0.0002			
2/24/2025	<0.0002				
2/25/2025		<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.0025	0.0033 (JO)
6/16/2010		<0.001	<0.001		
6/17/2010				<0.0025	
6/18/2010	<0.001				
6/19/2010					<0.0025
7/26/2010			<0.001		
7/27/2010		<0.001		<0.0025	<0.0025
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.0025	<0.0025
4/28/2011				0.0086 (O)	<0.0025
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.0025
10/29/2011				<0.0025	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.0025	<0.0025
11/9/2012	<0.001	<0.001	<0.001	<0.0025	<0.0025
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.001			<0.0025	<0.0025
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.0025	<0.0025
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.0025	
5/24/2015					<0.0025
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.0025	<0.0025
4/6/2016	0.00202 (J)	<0.001	<0.001		
4/12/2016				<0.0025	0.00206 (J)
10/4/2016	<0.001	<0.001		<0.0025	0.0023 (J)
10/5/2016			<0.001		
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.0025	
4/6/2017					<0.0025
10/4/2017	<0.001			<0.0025	0.0021 (J)
10/5/2017		<0.001	<0.001		
3/20/2018	<0.001	0.04 (O)	<0.001	<0.0025	<0.0025
10/2/2018	<0.001	<0.001	<0.001	<0.0025	<0.0025
3/26/2019	<0.001	<0.001	<0.001	<0.0025	<0.0025
9/10/2019	0.00081 (J)	0.00037 (J)	0.0012	0.00065 (J)	0.0022
3/18/2020	0.00043 (J)	<0.001	<0.001	0.00056 (J)	0.0016
9/9/2020	0.00069 (J)	<0.001	0.00048 (J)	0.00047 (J)	0.0016
4/1/2021	0.00049 (J)	<0.001	0.0004 (J)	0.00073 (J)	0.0022
8/11/2021	0.00051 (J)	<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					0.0028
8/18/2021				0.0017	
2/15/2022	0.00065 (J)	<0.001	<0.001	0.00052 (J)	0.0018
8/24/2022			0.00082 (J)	0.00086 (J)	
8/25/2022	0.001	<0.001			
8/26/2022					0.002
2/27/2023				0.0013	0.0038
2/28/2023	0.00057 (J)	<0.001	<0.001		
8/3/2023	0.00099 (J)	<0.001	<0.001		
8/9/2023				0.0071	0.0017
10/4/2023				0.00085 (J)	
2/28/2024		<0.001	<0.001		
3/1/2024				0.00096 (J)	0.0018
3/4/2024	<0.001				
8/6/2024	0.00085 (J)	<0.001	<0.001	0.00059 (J)	0.0029
11/7/2024					0.002
2/25/2025	0.00072 (J)	<0.001		0.00054 (J)	0.0016
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.0025	<0.0025	<0.001	0.0034 (J)	
6/17/2010	<0.0025	<0.0025			
6/18/2010			<0.001	0.0046 (J)	<0.001
7/27/2010			<0.001	<0.0025	
7/28/2010	0.019 (O)	<0.0025			<0.001
9/7/2010	0.0093 (O)				
9/8/2010		<0.0025			
9/9/2010			<0.001	<0.0025	<0.001
4/28/2011		<0.0025			
4/29/2011	<0.0025		<0.001		
4/30/2011				<0.0025	<0.001
10/28/2011	<0.0025		<0.001		
10/29/2011		<0.0025		<0.0025	<0.001
5/3/2012	<0.0025	<0.0025			
5/4/2012			<0.001	<0.0025	<0.001
11/9/2012	0.0035 (J)				
11/10/2012		<0.0025	<0.001	0.0053	<0.001
5/9/2013			<0.001	<0.0025	<0.001
5/10/2013	0.0081 (O)	<0.0025			
11/6/2013	<0.0025	<0.0025	<0.001		
11/7/2013				<0.0025	<0.001
5/21/2014				<0.0025	<0.001
5/22/2014	<0.0025	<0.0025	<0.001		
11/9/2014	<0.0025	<0.0025	<0.001	<0.0025	
11/12/2014					<0.001
5/22/2015	<0.0025	<0.0025			
5/24/2015			0.006 (O)	0.0047 (J)	0.0044 (J)
11/10/2015	<0.0025				
11/11/2015		<0.0025	<0.001	<0.0025	<0.001
4/12/2016	<0.0025	<0.0025		<0.0025	
4/13/2016					<0.001
4/19/2016			0.00268 (J)		
10/5/2016	<0.0025				
10/6/2016		0.0021 (J)	<0.001	<0.0025	<0.001
4/6/2017	<0.0025	<0.0025	0.0018 (J)	<0.0025	
4/7/2017					<0.001
10/5/2017	<0.0025		<0.001		
10/6/2017		<0.0025		<0.0025	<0.001
3/21/2018	0.0022 (J)	<0.0025		<0.0025	
3/22/2018			0.0019 (J)		<0.001
10/3/2018	0.0018 (J)	<0.0025	<0.001	<0.0025	
10/4/2018					<0.001
3/26/2019	<0.0025	0.0036		<0.0025	
3/27/2019			<0.001		<0.001
9/10/2019	0.0016	0.00079 (J)			
9/11/2019			0.0007 (J)	0.00099 (J)	0.00046 (J)
3/18/2020	0.00091 (J)		0.00068 (J)	0.00062 (J)	
3/19/2020		0.00073 (J)			<0.001
9/9/2020			0.00039 (J)		
9/10/2020	0.0014	0.0013		0.0009 (J)	0.0007 (J)
4/1/2021			0.00042 (J)		0.00036 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		0.0012			
4/5/2021				0.00088 (J)	
4/6/2021	0.0018				
8/11/2021				0.00074 (J)	<0.001
8/12/2021	0.0029	0.00076 (J)	0.00061 (J)		
2/15/2022	0.0013	0.00076 (J)	0.001	0.00089 (J)	<0.001
8/25/2022	0.0024	0.0015	0.00071 (J)	0.0013	0.0015
2/27/2023		0.0012		0.0008 (J)	0.01 (o)
2/28/2023	0.0011		<0.001		
5/2/2023					<0.001
8/8/2023		0.001	<0.001	0.00075 (J)	<0.001
8/9/2023	0.00078 (J)				
2/29/2024		0.0015	0.00049 (J)	0.00098 (J)	<0.001
3/4/2024	0.0014				
8/6/2024			0.00046 (J)		<0.001
8/7/2024	0.0016	0.0013		0.00083 (J)	
2/24/2025				0.00064 (J)	<0.001
2/25/2025	0.0016	0.0019	<0.001		

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.0025	<0.001	<0.0025	<0.0025	
6/16/2010		<0.001	<0.0025	<0.0025	
6/18/2010					<0.001
6/19/2010	<0.0025				
7/27/2010		<0.001		<0.0025	<0.001
7/28/2010	<0.0025		<0.0025		
9/8/2010	<0.0025	<0.001	<0.0025	<0.0025	<0.001
4/29/2011		<0.001	<0.0025	<0.0025	<0.001
4/30/2011	0.008				
10/27/2011	0.0044 (J)	<0.001	<0.0025	<0.0025	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	0.0032 (J)		<0.0025	<0.0025	
11/10/2012				<0.0025	<0.001
11/11/2012	0.0069	<0.001	<0.0025		
5/9/2013		<0.001	<0.0025	<0.0025	<0.001
5/10/2013	0.0093				
11/5/2013			<0.0025		
11/6/2013		<0.001		<0.0025	<0.001
11/7/2013	0.0033 (J)				
5/20/2014				<0.0025	<0.001
5/21/2014	<0.0025	<0.001	<0.0025		
11/12/2014		<0.001	<0.0025	<0.0025	<0.001
11/13/2014	0.0049 (J)				
5/23/2015	0.003 (J)	<0.001	<0.0025		<0.001
5/24/2015				<0.0025	
11/11/2015	<0.0025				
11/12/2015		<0.001	<0.0025	<0.0025	<0.001
4/13/2016		<0.001	0.00271 (J)	<0.0025	<0.001
4/19/2016	0.00247 (J)				
10/5/2016			<0.0025	<0.0025	<0.001
10/6/2016		<0.001			
10/10/2016	<0.0025				
4/5/2017					<0.001
4/6/2017		<0.001	<0.0025	<0.0025	
4/7/2017	0.0022 (J)				
10/5/2017		<0.001	<0.0025	<0.0025	<0.001
10/9/2017	<0.0025				
3/21/2018		<0.001	<0.0025	<0.0025	<0.001
3/22/2018	<0.0025				
10/2/2018		<0.001	0.0018 (J)	<0.0025	<0.001
10/4/2018	<0.0025				
3/26/2019					<0.001
3/27/2019	<0.0025	<0.001	<0.0025	<0.0025	
9/11/2019	0.0013	0.00063 (J)	0.0016	0.00066 (J)	0.00084 (J)
3/18/2020	0.0044	<0.001	0.0016	0.0005 (J)	0.0006 (J)
9/9/2020	0.0036	0.00046 (J)	0.0021		
9/10/2020				0.0012	0.00088 (J)
4/1/2021		0.00058 (J)	0.0012	0.00065 (J)	0.00065 (J)
4/5/2021	0.0058				
8/11/2021				0.0006 (J)	0.0008 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	0.0035	0.00045 (J)			
8/17/2021			0.0094 (o)		
10/18/2021			0.002		
2/15/2022	0.0055	<0.001	0.0022		
2/16/2022				0.0007 (J)	0.00076 (J)
8/25/2022	0.0053	0.0042 (o)	0.003	0.00081 (J)	
8/26/2022					0.00096 (J)
12/28/2022		0.00068 (J)	0.0017		
2/21/2023			0.0031		
2/27/2023	0.007	0.00091 (J)		0.00085 (J)	0.0011
5/2/2023	0.0062				
8/8/2023	0.0087	0.00066 (J)			
8/9/2023			0.0026	0.00068 (J)	0.00094 (J)
10/4/2023	0.0052				
2/29/2024	0.0055			0.00099 (J)	0.00092 (J)
3/1/2024		0.00086 (J)	0.0048		
5/20/2024			0.0016		
8/6/2024	0.0046	0.00042 (J)	0.0025	0.00086 (J)	0.0009 (J)
2/24/2025	0.0046	<0.001	0.0011	0.00053 (J)	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	0.003 (J)
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			0.0045 (JO)	0.01 (O)	0.0063 (O)
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		0.002 (J)
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	<0.001				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	0.00039 (J)	<0.001	0.00048 (J)		
9/12/2019				0.0015	0.00097 (J)
3/18/2020	0.00061 (J)	<0.001	0.00034 (J)		
3/19/2020				0.00047 (J)	0.00098 (J)
9/9/2020		<0.001	0.00064 (J)	0.00039 (J)	
9/10/2020	0.00044 (J)				0.00098 (J)
4/1/2021		<0.001	<0.001		
4/5/2021				0.00047 (J)	0.00048 (J)
4/6/2021	0.00053 (J)				
8/11/2021	<0.001	<0.001	<0.001	<0.001	0.00056 (J)
2/16/2022	<0.001	<0.001	<0.001	<0.001	0.00055 (J)
8/25/2022			<0.001	0.0017	0.00074 (J)
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	0.0016	<0.001
8/8/2023				0.00051 (J)	0.00067 (J)
8/9/2023	0.00043 (J)	<0.001	<0.001		
2/29/2024			<0.001	0.00067 (J)	
3/1/2024	0.00059 (J)	0.0081 (o)			0.00059 (J)
5/7/2024		<0.001			
8/6/2024	0.00046 (J)		<0.001	0.00053 (J)	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	0.0012	0.00061 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			5.2		
5/9/2010	4.81	5.94			
5/11/2010				6.09	5.89
6/16/2010		6.4	5.93		
6/17/2010				6.19	
6/18/2010	5.6				
6/19/2010					6.14
7/26/2010			6.03		
7/27/2010		6.53		6.41	6.42
7/28/2010	5.92				
9/7/2010		6.06	6.23		
9/9/2010	4.89			6.19	5.79
4/28/2011				6.46	6.74
4/29/2011		6.18	5.68		
4/30/2011	5.27				
10/28/2011	5.45	6.63	5.89		6.62
10/29/2011				6.49	
5/2/2012	5.8	6.25	5.74		
5/3/2012				6.66	6.53
11/9/2012	5.3	6.31	5.75	6.45	6.42
5/8/2013	5.76	6.34	5.53		
5/9/2013				6.58	6.97
11/5/2013	5.08			6.42	6.66
11/6/2013		6.6	5.92		
5/20/2014	5.26 (D)	6.16 (D)	5.635 (D)		
5/22/2014					6.515 (D)
5/23/2014				6.345 (D)	
11/8/2014		6.52	6.04		
11/12/2014	5.7				
11/13/2014				6.67	6.94
5/22/2015	5.52	6.3	5.87		
5/23/2015				6.53	
5/24/2015					7
11/9/2015		5.63	5.97		
11/11/2015	5.63	6.36		6.71	6.55
4/6/2016	5.5	6.46	5.96		
4/12/2016				6.53	6.52
6/15/2016	5.52	6.39	5.96		
6/16/2016				6.49	6.38
8/10/2016	5.5	6.39	5.94		
8/11/2016				6.5	6.38
10/4/2016	5.56	6.4		6.5	6.39
10/5/2016			5.86		
11/29/2016		6.36	5.82		
11/30/2016	5.46			6.48	6.38
2/7/2017	5.28	6.45	6.15	6.38	6.43
4/1/2017	5.48				
4/4/2017	5.48	6.37	6		
4/5/2017				6.36	
4/6/2017					6.23
6/20/2017	5.44	6.4	6.34	6.45	6.36
10/4/2017	5.44			6.5	6.35

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
10/5/2017		6.42	5.93		
3/20/2018	5.48	6.36	5.97	6.63	6.52
10/2/2018	5.49	6.38	6.03	6.57	6.51
3/26/2019	5.41	6.42	6.12	6.54	6.44
9/10/2019	5.41		6.31	6.51	6.39
3/18/2020	5.42	6.29	6.03	6.53	6.41
9/9/2020	5.71	6.33	6.05	6.57	6.44
4/1/2021	5.31	6.44	6.14	6.52	7.32 (O)
8/11/2021	5.5	6.35	6.14		
8/12/2021					6.41
8/18/2021				6.59	
10/18/2021				6.36	
2/15/2022	5.4	6.46	6.2	6.83	6.61
5/12/2022				6.55	
8/24/2022			6.22	6.42	
8/25/2022	5.4	6.42			
8/26/2022					6.37
2/27/2023				6.56	6.41
2/28/2023	5.4	6.45	6.19		
8/3/2023	5.48	6.24	6.22		
8/9/2023				6.57	6.6
10/4/2023				6.56	
2/28/2024		6.49	6.41		
3/1/2024				6.71	6.5
3/4/2024	5.24				
8/6/2024	5.48	6.35	6.21	6.61	6.7
11/7/2024					6.45
2/25/2025	5.43	6.76		6.77	6.49
2/26/2025			6.65		

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					5.95
5/11/2010	5.45	5.79	5.43	5.52	
6/17/2010	6.08	6.45			
6/18/2010			6.12	6.35	6.52
7/27/2010			6.28	6.48	
7/28/2010	6.18	6.53			6.58
9/7/2010	5.37				
9/8/2010		5.69			
9/9/2010			5.68	5.5	5.81
4/28/2011		6.17			
4/29/2011	5.82		5.89		
4/30/2011				6.09	6.25
10/28/2011	5.93		6.19		
10/29/2011		6.36		6.41	6.52
5/3/2012	5.91	6.26			
5/4/2012			6.17	6.2	6.34
11/9/2012	5.93				
11/10/2012		6.27	6.08	6.17	6.31
5/9/2013			5.99	6.13	6.2
5/10/2013	6.16	6.43			
11/6/2013	6.03	6.37	5.78		
11/7/2013				6.06	6.21
5/21/2014				6.045 (D)	6.18 (D)
5/22/2014	5.825 (D)	6.19 (D)	5.86 (D)		
11/9/2014	6.1	6.45	6.14	6.36	
5/22/2015	5.92	6.26			
5/24/2015			5.7	6.17	6.32
11/10/2015	6.02				
11/11/2015		6.3	5.78	6.19	6.35
11/16/2015	6.02				
4/12/2016	5.97	6.44		6.22	
4/13/2016					6.42
4/19/2016			5.55		
6/20/2016	5.93	6.33		6.2	6.4
6/22/2016			5.6		
8/12/2016	5.86	6.29		6.17	
8/15/2016					6.31
8/16/2016	5.86	6.3	5.7		
10/5/2016	5.1 (O)				
10/6/2016		6.21	5.64	6.14	6.27
11/30/2016	5.88	6.26		6.14	
12/1/2016			5.62		6.28
2/8/2017	5.89	6.35			
2/9/2017			5.64	6.18	6.32
4/6/2017	5.84	6.29	5.66	6.17	
4/7/2017					6.28
6/21/2017	5.91		5.68	6.17	
6/22/2017		6.31			6.29
10/5/2017	5.93		5.64		
10/6/2017		5.9		6.19	5.96
3/21/2018	5.96	6.23		6.21	
3/22/2018			5.9		6.34

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	5.97	6.25	5.74	6.22	
10/4/2018					6.36
3/26/2019	6.02	6.34		6.25	
3/27/2019			5.78		6.38
9/10/2019	5.99	6.31			
9/11/2019			5.82	6.23	6.35
3/18/2020	5.9		5.81	6.19	
3/19/2020		6.32			6.41
9/9/2020			6.08		
9/10/2020	6.24	6.46		6.43	6.32
4/1/2021			6.01		6.4
4/2/2021		6.35			
4/5/2021				6.36	
4/6/2021	6.01				
6/2/2021				6.09	
8/11/2021				6.14	6.26
8/12/2021	6.12	6.3	5.87		
2/15/2022	5.87	6.37	6.16	6.1	6.22
5/12/2022		6.19	5.99		
8/25/2022	5.99	6.19	5.96	6.13	6.31
12/28/2022		6.2			
2/27/2023		6.17		6.16	6.35
2/28/2023	6		6		
5/2/2023	6.27	6.13			6.38
8/8/2023		6.3	6.16	6.37	6.48
8/9/2023	6.07				
10/4/2023	6.03				
2/29/2024		6.31	6.25	6.37	6.57
3/4/2024	6.11				
5/7/2024					6.3
5/20/2024	5.9	6.08		6.16	
8/6/2024			6		6.25
8/7/2024	5.84	6.12		6.19	
11/6/2024		6.15		6.4	6.51
11/7/2024	6				
2/24/2025				6.5	6.67
2/25/2025	5.93	6.17	6.16		
4/22/2025		6.18 (R)		6.23 (R)	
4/23/2025	5.88 (R)				

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					4.25
5/10/2010	6.93	5.99	5.97	5.58	
6/16/2010		5.97	5.82	5.78	
6/18/2010					5.37
6/19/2010	7.08				
7/27/2010		6.69		6.38	5.45
7/28/2010	7.05		6.47		
9/8/2010	5.93	6.15	6.08	5.64	5.58
4/29/2011		6.31	6.3	6.14	4.86
4/30/2011	7.11				
10/27/2011	7.08	6.72	6.47	6.19	
10/28/2011					4.68
5/3/2012		6.74			5.26
5/4/2012	6.39		6.5	6.28	
11/10/2012				6	4.98
11/11/2012	6.24	6.59	6.21		
5/9/2013		6.67	6.51	6.28	5.25
5/10/2013	6.46				
11/5/2013			6.07		
11/6/2013		6.38		5.69	4.22
11/7/2013	6.59				
5/20/2014				6.09 (D)	4.83 (D)
5/21/2014	6.685 (D)	6.355 (D)	6.125 (D)		
11/12/2014		6.81	6.49	6.33	5.3
11/13/2014	6.55				
5/23/2015	6.36	6.42	6.3		5.04
5/24/2015				6.04	
11/11/2015	6.36				
11/12/2015		6.7	6.45	6.31	5.31
4/13/2016		6.59	6.42	6.17	5.22
4/19/2016	6.4				
6/21/2016			6.36	6.19	5.2
6/22/2016		6.49			
6/23/2016	6.35				
8/15/2016		6.61	6.3	6.15	5.12
8/23/2016	6.29				
10/5/2016			6.25	6.1	5.07
10/6/2016		6.55			
10/7/2016					5.07
10/10/2016	6.3 (D)				
12/1/2016	6.37 (D)	6.59	6.32	6.15	5.08
2/8/2017		6.63	6.04	5.9	4.76
2/9/2017	6.39 (D)				
2/27/2017	6.24				
4/5/2017					5.1
4/6/2017		6.58	6.35	6.13	
4/7/2017	6.93				
6/20/2017				6.12	5.13
6/21/2017	7.11	6.56	6.2		
8/15/2017	6.95				
9/1/2017	6.86				
10/5/2017		6.58	6.21	6.11	5.1

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/9/2017	6.75				
3/21/2018		6.76	6.56	6.21	5.33
3/22/2018	7.05				
10/2/2018		6.65	6.35	6.21	5.16
10/4/2018	7.26				
3/26/2019					5.25
3/27/2019	6.69	6.7	6.53	6.22	
9/11/2019	6.72	6.63	6.32	6.17	5.1
3/18/2020	6.42	6.61	6.34	6.17	5.19
9/9/2020	6.3	6.8	6.4		
9/10/2020				6.16	5.1
4/1/2021		6.28	6.35	6.11	5.18
4/5/2021	6.35				
6/1/2021	6.28				
8/11/2021				6.21	5.2
8/12/2021	6.37	6.66			
8/17/2021			6.45		
10/18/2021			6.25		
2/15/2022	6.34	6.61	6.48		
2/16/2022				6.16	5.11
5/12/2022			6.31		
8/25/2022	6.29	6.48	6.2	6.01	
8/26/2022					5.07
12/28/2022		6.62	6.36		
2/21/2023			6.33		
2/27/2023	6.27	6.57		6.19	5.2
5/2/2023	6.23		6.3		
8/8/2023	6.38	6.63			
8/9/2023			6.3	6.24	5.1
10/4/2023	6.45				
2/29/2024	6.52			6.26	5.24
3/1/2024		6.82	6.47		
5/20/2024			6.28		
8/6/2024	6.35	6.47	6.22	6.11	5.26
11/6/2024		6.58			
2/24/2025	6.75	7.14	6.27	6.14	5.18
4/22/2025		6.56 (R)			

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	4.93	4.87			
5/10/2010			5.76		
5/11/2010				5.93	6.05
6/16/2010			6.38	6.58	
6/17/2010					6.77
6/18/2010	5.91	5.75			
7/26/2010			6.52		
7/27/2010				6.69	6.82
7/28/2010		5.9			
7/29/2010	6.01				
9/7/2010			5.74	5.87	5.94
9/9/2010	5.1	5.05			
4/26/2011	5.6				
4/29/2011			6.19	6.37	6.33
4/30/2011		5.38			
10/28/2011	5.87	5.59	6.39	6.52	6.73
5/2/2012			6.22	6.24	
5/3/2012		5.77			6.51
5/4/2012	5.82				
11/9/2012			6.3	6.31	
11/10/2012		5.63			6.48
11/11/2012	5.83				
5/8/2013	6.21	6.11	6.07		
5/9/2013				6.01	6.42
11/5/2013		5.23			
11/6/2013			6.45	6.6	6.73
11/7/2013	5.78				
5/20/2014	5.665 (D)	5.37 (D)			
5/22/2014				6.295 (D)	6.345 (D)
5/23/2014			6.09 (D)		
11/8/2014			6.42	6.51	
11/9/2014					6.66
11/12/2014	6.02	5.77			
5/22/2015			6.26	6.35	6.49
5/24/2015	5.81	5.53			
11/10/2015			6.29	6.41	6.53
11/11/2015		5.68			
11/12/2015	5.93				
4/11/2016			6.3	6.36	
4/12/2016					6.53
4/13/2016	5.88	5.58			
6/16/2016			6.34	6.35	6.51
6/21/2016	5.9	5.59			
8/11/2016			6.28	6.37	6.49
8/15/2016	5.86	5.56			
10/4/2016	5.85	5.66			
10/5/2016			6.27	5.78 (O)	6.46
10/7/2016	5.85				
11/29/2016			6.39	6.44	
11/30/2016					6.5
12/1/2016	5.85	5.54			
2/7/2017		5.42			

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			6.35	6.4	6.59
2/9/2017	5.92				
4/5/2017				6.35	
4/6/2017	5.85	5.55	6.26		6.47
6/20/2017		5.57			
6/21/2017			6.24	6.36	6.53
6/22/2017	5.9				
10/5/2017		5.55	6.31	6.41	6.51
10/6/2017	5.88				
3/20/2018		5.73	6.34	6.37	
3/21/2018					6.5
3/22/2018	5.88				
10/2/2018		5.68	6.38	6.41	
10/3/2018	5.95				6.48
3/26/2019	5.89	5.63	6.38	6.35	6.52
9/11/2019	5.89	5.59	6.37		
9/12/2019				6.39	6.57
3/18/2020	5.81	5.61	6.32		
3/19/2020				6.27	6.47
9/9/2020		5.88	6.3	6.27	
9/10/2020	5.83				6.49
4/1/2021		5.53	6.37		
4/5/2021				6.37	6.64
4/6/2021	5.95				
6/1/2021				6.18	6.39
8/11/2021	5.92	5.61	6.43	6.35	6.58
10/7/2021				6.79	
2/16/2022	5.79	5.6	6.54	6.47	6.71
5/12/2022			6.39		6.52
8/25/2022			6.45	6.36	6.62
8/26/2022	5.91	5.51			
12/28/2022				6.29	6.56
2/27/2023	5.94	5.62			
2/28/2023			6.36	6.29	6.53
8/8/2023				6.32	6.59
8/9/2023	5.95	5.58	6.41		
2/29/2024			6.51	6.33	
3/1/2024	5.9	5.55			6.73
5/7/2024		5.55			6.5
8/6/2024	5.95		6.3	6.26	6.41
8/8/2024		5.56			
2/24/2025	5.9				
2/25/2025		5.57	6.69	6.59	6.55
4/22/2025				6.21 (R)	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/11/2010				<0.005	<0.005
6/16/2010		<0.005	<0.005		
6/17/2010				<0.005	
6/18/2010	<0.005				
6/19/2010					<0.005
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005				
9/7/2010		<0.005	<0.005		
9/9/2010	<0.005			<0.005	<0.005
4/28/2011				<0.005	<0.005
4/29/2011		<0.005	<0.005		
4/30/2011	<0.005				
10/28/2011	<0.005	<0.005	<0.005		<0.005
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2013	<0.005	<0.005	0.0044 (J)		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/22/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				
11/13/2014				<0.005	<0.005
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				0.0053 (J)	
5/24/2015					0.0044 (J)
11/9/2015		0.0043 (J)	<0.005		
11/11/2015	<0.005			<0.005	0.0045 (J)
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	<0.005
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	<0.005
10/4/2016	<0.005	<0.005		0.00037 (J)	<0.005
10/5/2016			<0.005		
11/29/2016		0.00024 (J)	<0.005		
11/30/2016	<0.005			<0.005	<0.005
2/7/2017	<0.005	<0.005	<0.005	<0.005	<0.005
4/4/2017	0.00067 (J)	0.0017	<0.005		
4/5/2017				<0.005	
4/6/2017					0.0023
6/20/2017	<0.005	<0.005	<0.005	<0.005	0.00024 (J)
10/4/2017	<0.005			<0.005	<0.005
10/5/2017		<0.005	0.00027 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.005	<0.005	<0.005	0.00037 (J)	0.00059 (J)
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/12/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	<0.005	
8/25/2022	<0.005	<0.005			
8/26/2022					<0.005
2/27/2023				<0.005	0.00075 (J)
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	<0.005	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				<0.005	<0.005
3/4/2024	<0.005				
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025	<0.005	<0.005		<0.005	<0.005
2/26/2025			<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.005
5/11/2010	<0.005	<0.005	<0.01	<0.005	
6/17/2010	<0.005	<0.005			
6/18/2010			<0.01	<0.005	<0.005
7/27/2010			<0.01	<0.005	
7/28/2010	<0.005	<0.005			<0.005
9/7/2010	<0.005				
9/8/2010		<0.005			
9/9/2010			<0.01	<0.005	<0.005
4/28/2011		<0.005			
4/29/2011	<0.005		<0.01		
4/30/2011				<0.005	<0.005
10/28/2011	<0.005		<0.01		
10/29/2011		<0.005		<0.005	<0.005
5/3/2012	<0.005	<0.005			
5/4/2012			<0.01	<0.005	<0.005
11/9/2012	<0.005				
11/10/2012		<0.005	<0.01	<0.005	<0.005
5/9/2013			<0.01	<0.005	<0.005
5/10/2013	<0.005	<0.005			
11/6/2013	<0.005	<0.005	<0.01		
11/7/2013				<0.005	<0.005
5/21/2014				<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.01		
11/9/2014	<0.005	<0.005	<0.01	<0.005	
11/12/2014					<0.005
5/22/2015	<0.005	<0.005			
5/24/2015			0.013 (J)	<0.005	0.0053 (J)
11/10/2015	<0.005				
11/11/2015		<0.005	0.037	0.007 (J)	0.0049 (J)
4/12/2016	<0.005	<0.005		<0.005	
4/13/2016					<0.005
4/19/2016			0.0587		
6/20/2016	<0.005	<0.005		0.00032 (J)	<0.005
6/22/2016			0.0435		
8/12/2016	0.00036 (J)	<0.005		0.00035 (J)	
8/15/2016					<0.005
8/16/2016			0.029		
10/5/2016	<0.005				
10/6/2016		<0.005	0.027	0.00029 (J)	<0.005
11/30/2016	<0.005	<0.005		0.00026 (J)	
12/1/2016			0.029		<0.005
2/8/2017	<0.005	<0.005			
2/9/2017			0.031	<0.005	<0.005
4/6/2017	<0.005	<0.005	0.043	<0.005	
4/7/2017					<0.005
6/21/2017	<0.005		0.052	0.00031 (J)	
6/22/2017		<0.005			<0.005
10/5/2017	<0.005		0.038		
10/6/2017		<0.005		<0.005	<0.005
3/21/2018	<0.005	0.00029 (J)		0.00038 (J)	
3/22/2018			0.038		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.005	<0.005	0.021	0.00056 (J)	
10/4/2018					<0.005
3/26/2019	<0.005	<0.005		<0.005	
3/27/2019			0.023		<0.005
9/10/2019	<0.005	<0.005			
9/11/2019			0.0079	<0.005	<0.005
3/18/2020	<0.005		0.014	<0.005	
3/19/2020		<0.005			<0.005
9/9/2020			0.0054		
9/10/2020	<0.005	<0.005		<0.005	<0.005
4/1/2021			0.0065		<0.005
4/2/2021		<0.005			
4/5/2021				<0.005	
4/6/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	<0.005	<0.005	0.0088		
2/15/2022	<0.005	0.0013 (J)	0.0058	<0.005	<0.005
8/25/2022	<0.005	0.0012 (J)	0.0043 (J)	<0.005	<0.005
2/27/2023		0.0039 (J)		<0.005	<0.005
2/28/2023	<0.005		0.0033 (J)		
8/8/2023		0.0041 (J)	0.003 (J)	<0.005	<0.005
8/9/2023	<0.005				
2/29/2024		0.0042 (J)	0.0018 (J)	<0.005	<0.005
3/4/2024	<0.005				
8/6/2024			0.0029 (J)		<0.005
8/7/2024	<0.005	0.0045 (J)		<0.005	
2/24/2025				<0.005	<0.005
2/25/2025	<0.005	0.0076	0.0013 (J)		
4/22/2025		0.0091 (R)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	<0.005	<0.005	<0.005	<0.005	
6/16/2010		<0.005	<0.005	<0.005	
6/18/2010					<0.005
6/19/2010	<0.005				
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005		<0.005		
9/8/2010	<0.005	<0.005	<0.005	<0.005	<0.005
4/29/2011		<0.005	<0.005	<0.005	<0.005
4/30/2011	<0.005				
10/27/2011	<0.005	<0.005	<0.005	<0.005	
10/28/2011					0.004 (J)
5/3/2012		<0.005			<0.005
5/4/2012	<0.005		<0.005	<0.005	
11/10/2012				<0.005	<0.005
11/11/2012	<0.005	<0.005	<0.005		
5/9/2013		<0.005	<0.005	<0.005	<0.005
5/10/2013	<0.005				
11/5/2013			<0.005		
11/6/2013		<0.005		<0.005	<0.005
11/7/2013	<0.005				
5/20/2014				<0.005	<0.005
5/21/2014	<0.005	<0.005	<0.005		
11/12/2014		<0.005	<0.005	<0.005	<0.005
11/13/2014	<0.005				
5/23/2015	0.0045 (J)	<0.005	0.0043 (J)		<0.005
5/24/2015				0.005 (J)	
11/11/2015	0.0043 (J)				
11/12/2015		0.0065 (J)	0.0046 (J)	0.0042 (J)	<0.005
4/13/2016		<0.005	<0.005	<0.005	<0.005
4/19/2016	<0.005				
6/21/2016			<0.005	<0.005	<0.005
6/22/2016		<0.005			
8/15/2016		<0.005	<0.005	<0.005	<0.005
10/5/2016			<0.005	<0.005	<0.005
10/6/2016		<0.005			
10/10/2016	<0.005				
12/1/2016	<0.005	<0.005	<0.005	<0.005	<0.005
2/8/2017		<0.005	<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017					<0.005
4/6/2017		<0.005	<0.005	0.00031 (J)	
4/7/2017	<0.005				
6/20/2017				<0.005	<0.005
6/21/2017	<0.005	<0.005	<0.005		
8/15/2017	<0.005				
9/1/2017	0.00044 (J)				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/9/2017	<0.005				
3/21/2018		0.0004 (J)	<0.005	<0.005	<0.005
3/22/2018	0.00032 (J)				
10/2/2018		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.005				
3/26/2019					<0.005
3/27/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005		
9/10/2020				<0.005	<0.005
4/1/2021		<0.005	<0.005	<0.005	<0.005
4/5/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	<0.005	<0.005			
8/17/2021			<0.005		
2/15/2022	<0.005	<0.005	<0.005		
2/16/2022				<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	
8/26/2022					<0.005
2/21/2023			<0.005		
2/27/2023	<0.005	<0.005		<0.005	<0.005
8/8/2023	<0.005	<0.005			
8/9/2023			<0.005	<0.005	<0.005
2/29/2024	<0.005			<0.005	<0.005
3/1/2024		<0.005	<0.005		
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/24/2025	<0.005	<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.005	<0.005			
5/10/2010			<0.005		
5/11/2010				<0.005	<0.005
6/16/2010			<0.005	<0.005	
6/17/2010					<0.005
6/18/2010	<0.005	<0.005			
7/26/2010			<0.005		
7/27/2010				<0.005	<0.005
7/28/2010		<0.005			
7/29/2010	<0.005				
9/7/2010			<0.005	<0.005	<0.005
9/9/2010	<0.005	<0.005			
4/26/2011	<0.005				
4/29/2011			<0.005	<0.005	<0.005
4/30/2011		<0.005			
10/28/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/2/2012			<0.005	<0.005	
5/3/2012		<0.005			<0.005
5/4/2012	<0.005				
11/9/2012			<0.005	<0.005	
11/10/2012		<0.005			<0.005
11/11/2012	<0.005				
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013			<0.005	<0.005	<0.005
11/7/2013	<0.005				
5/20/2014	<0.005	<0.005			
5/22/2014				<0.005	<0.005
5/23/2014			<0.005		
11/8/2014			<0.005	<0.005	
11/9/2014					<0.005
11/12/2014	<0.005	<0.005			
5/22/2015			<0.005	<0.005	<0.005
5/24/2015	<0.005	<0.005			
11/10/2015			0.0041 (J)	0.0044 (J)	<0.005
11/11/2015		0.0052 (J)			
11/12/2015	<0.005				
4/11/2016			<0.005	<0.005	
4/12/2016					<0.005
4/13/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
6/21/2016	<0.005	<0.005			
8/11/2016			<0.005	<0.005	<0.005
8/15/2016	<0.005	<0.005			
10/4/2016		<0.005			
10/5/2016			<0.005	<0.005	<0.005
10/7/2016	<0.005				
11/29/2016			<0.005	<0.005	
11/30/2016					<0.005
12/1/2016	<0.005	0.00025 (J)			
2/7/2017		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017				<0.005	
4/6/2017	<0.005	<0.005	<0.005		<0.005
6/20/2017		<0.005			
6/21/2017			<0.005	<0.005	<0.005
6/22/2017	<0.005				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/6/2017	<0.005				
3/20/2018		<0.005	<0.005	<0.005	
3/21/2018					<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.005	
10/3/2018	<0.005				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005	<0.005		
9/12/2019				<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005		
3/19/2020				<0.005	<0.005
9/9/2020		<0.005	<0.005	<0.005	
9/10/2020	<0.005				<0.005
4/1/2021		<0.005	<0.005		
4/5/2021				<0.005	<0.005
4/6/2021	<0.005				
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022			<0.005	<0.005	<0.005
8/26/2022	<0.005	<0.005			
2/27/2023	<0.005	<0.005			
2/28/2023			<0.005	<0.005	<0.005
8/8/2023				<0.005	<0.005
8/9/2023	<0.005	<0.005	<0.005		
2/29/2024			<0.005	<0.005	
3/1/2024	<0.005	<0.005			<0.005
8/6/2024	<0.005		<0.005	<0.005	<0.005
8/8/2024		<0.005			
2/24/2025	<0.005				
2/25/2025		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.001	<0.001
6/16/2010		<0.001	<0.001		
6/17/2010				<0.001	
6/18/2010	<0.001				
6/19/2010					<0.001
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				<0.001	<0.001
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.001
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	<0.001
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	
5/24/2015					<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		0.00012 (J)	<0.001
10/5/2016			<0.001		
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
10/4/2017	<0.001			<0.001	<0.001
10/5/2017		<0.001	<0.001		
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.001	<0.001	<0.001	<0.001	
6/17/2010	<0.001	<0.001			
6/18/2010			<0.001	<0.001	<0.001
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		<0.001			
9/9/2010			<0.001	<0.001	<0.001
4/28/2011		<0.001			
4/29/2011	<0.001		<0.001		
4/30/2011				<0.001	<0.001
10/28/2011	<0.001		<0.001		
10/29/2011		<0.001		<0.001	<0.001
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	<0.001				
11/10/2012		<0.001	<0.001	<0.001	<0.001
5/9/2013			<0.001	<0.001	<0.001
5/10/2013	<0.001	<0.001			
11/6/2013	<0.001	<0.001	<0.001		
11/7/2013				<0.001	<0.001
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	<0.001	<0.001			
5/24/2015			<0.001	<0.001	<0.001
11/10/2015	<0.001				
11/11/2015		<0.001	<0.001	<0.001	<0.001
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	0.00012 (J)	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001
10/3/2018	<0.001	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		<0.001			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	<0.001
4/1/2021			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		<0.001			
4/5/2021				<0.001	
4/6/2021	<0.001				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001	<0.001		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		<0.001	<0.001	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	<0.001	<0.001	<0.001	<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001
4/30/2011	<0.001				
10/27/2011	<0.001	<0.001	<0.001	<0.001	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	<0.001		<0.001	<0.001	
11/10/2012				<0.001	<0.001
11/11/2012	<0.001	<0.001	<0.001		
5/9/2013		<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001				
11/5/2013			<0.001		
11/6/2013		<0.001		<0.001	<0.001
11/7/2013	<0.001				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		<0.001	<0.001	<0.001	<0.001
11/13/2014	<0.001				
5/23/2015	<0.001	<0.001	<0.001		<0.001
5/24/2015				<0.001	
11/11/2015	<0.001				
11/12/2015		<0.001	<0.001	<0.001	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	<0.001				
8/11/2021				<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.001	<0.001			
8/17/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	<0.001			<0.001	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			<0.001	<0.001	<0.001
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		<0.001
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	0.00031 (J)				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				<0.001	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				0.617 (J)	0.56 (J)
6/15/2016	0.32 (J)	0.22 (J)	0.18 (J)		
6/16/2016				0.72 (J)	0.69 (J)
8/10/2016	<1	<1	<1		
8/11/2016				<1	<1
10/4/2016	<1	<1		<1	<1
10/5/2016			<1		
11/29/2016		<1	<1		
11/30/2016	<1			<1	<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)	<1
4/4/2017	<1	<1	<1		
4/5/2017				1	
4/6/2017					<1
6/20/2017	<1	<1	<1	0.76 (J)	<1
10/4/2017	<1			<1	<1
10/5/2017		<1	<1		
3/20/2018	1.2	<1	<1	0.95 (J)	<1
10/2/2018	<1	<1	<1	<1	<1
3/26/2019	2.1	<1	0.58 (J)	0.53 (J)	0.99 (J)
9/10/2019	0.65 (J)	<1	0.44 (J)	0.69 (J)	0.63 (J)
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.84 (J)	0.59 (J)
9/9/2020	1.6	<1	<1	0.77 (J)	0.59 (J)
4/1/2021	2.7	<1	<1	<1	1.1
8/11/2021	1.3	<1	<1		
8/12/2021					<1
8/18/2021				0.79 (J)	
2/15/2022	2.6	<1	<1	1.5	0.79 (J)
8/24/2022			<1	<1	
8/25/2022	1.9	<1			
8/26/2022					1.1
2/27/2023				1.6	1.6
2/28/2023	3.5	1.4	1.3		
8/3/2023	1.7	0.4 (J)	<1		
8/9/2023				0.46 (J)	0.51 (J)
2/28/2024		<1	<1		
3/1/2024				0.79 (J)	1.2
3/4/2024	2.8				
8/6/2024	1.3	<1	<1	<1	0.43 (J)
2/25/2025	3.6	<1		0.48 (J)	0.4 (J)
2/26/2025			<1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	0.419 (J)	3.56		7.55	
4/13/2016					<1
4/19/2016			575 (O)		
6/20/2016	0.6 (J)	2.4		14	0.36 (J)
6/22/2016			470		
8/15/2016					<1
8/16/2016	<1	1.7	360	12	
10/5/2016	<1				
10/6/2016		1.2	300	13	<1
11/30/2016	1.1	1.2		14	
12/1/2016			340		<1
2/8/2017	<1	4.6			
2/9/2017			350	9.5	<1
4/6/2017	<1	4.1	380	9.7	
4/7/2017					<1
6/21/2017	<1		490	13	
6/22/2017		3.4			<1
10/5/2017	<1		380		
10/6/2017		3		7.3	<1
3/21/2018	<1	4.9		9.5	
3/22/2018			400		<1
10/3/2018	<1	2.9	270	10	
10/4/2018					<1
3/26/2019	0.47 (J)	3.2		6.3	
3/27/2019			260		0.51 (J)
9/10/2019	0.7 (J)	1.7			
9/11/2019			130	12	0.52 (J)
3/18/2020	0.6 (J)		170	5.6	
3/19/2020		4.6			0.54 (J)
9/9/2020			110		
9/10/2020	<1	1.6		9.4	<1
4/1/2021			100		<1
4/2/2021		4.6			
4/6/2021	<1				
6/2/2021				13	
8/11/2021				11	<1
8/12/2021	<1	3.5	140		
2/15/2022	0.91 (J)	20	100	13	<1
5/12/2022		33			
8/25/2022	0.99 (J)	19	100	12	<1
12/28/2022		32			
2/27/2023		56		13	1.4
2/28/2023	4.7		87		
5/2/2023	4.2				
8/8/2023		53	79	6.5	<1
8/9/2023	3.6				
10/4/2023	3.1				
2/29/2024		84	75	25	1.5
3/4/2024	10				
5/20/2024	0.64 (J)			18	
8/6/2024			73		1.4
8/7/2024	15	73		13	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
11/7/2024	18				
2/24/2025				30	3.5
2/25/2025	20	150	58		
4/22/2025		180 (R)		38 (R)	
4/23/2025	18 (R)				

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		8.66	0.51 (J)	<1	<1
4/19/2016	32.7				
6/21/2016			0.58 (J)	0.16 (J)	0.2 (J)
6/22/2016		6.3			
8/15/2016		8	<1	<1	<1
10/5/2016			<1	<1	<1
10/6/2016		10			
10/10/2016	33				
12/1/2016	31	15	<1	<1	<1
2/8/2017		13	1	<1	<1
2/9/2017	34				
4/5/2017					<1
4/6/2017		14	0.81 (J)	<1	
4/7/2017	37				
6/20/2017				<1	<1
6/21/2017	35	11	1.1		
8/15/2017	42				
9/1/2017	40				
10/5/2017		10	1.1	<1	<1
10/9/2017	40				
3/21/2018		12	1.1	<1	<1
3/22/2018	39				
10/2/2018		8.2	1.2	<1	<1
10/4/2018	30				
3/26/2019					0.49 (J)
3/27/2019	18	6.8	1.6	<1	
9/11/2019	32	9.6	1.8	0.63 (J)	0.5 (J)
3/18/2020	16	6.9	2.4	<1	1.3
9/9/2020	11	8.4	2.6		
9/10/2020				<1	<1
4/1/2021		9.7	2.7	<1	<1
6/1/2021	17				
8/11/2021				<1	<1
8/12/2021	27	9.7			
8/17/2021			1.2		
2/15/2022	11	7.2	3.5		
2/16/2022				<1	<1
5/12/2022			2.7		
8/25/2022	22	19	3.7	<1	
8/26/2022					0.77 (J)
2/21/2023			4.7		
2/27/2023	12	13		0.88 (J)	1.2
5/2/2023			4.3		
8/8/2023	7.8	13			
8/9/2023			2.3	<1	<1
2/29/2024	18			<1	<1
3/1/2024		17	4.7		
5/20/2024			3.9		
8/6/2024	21	22	4.4	<1	<1
11/6/2024		30			
2/24/2025	21	19	4.3	<1	<1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			<1	<1	
4/12/2016					<1
4/13/2016	0.646 (J)	<1			
6/16/2016			0.19 (J)	0.23 (J)	0.32 (J)
6/21/2016	0.57 (J)	0.16 (J)			
8/11/2016			<1	<1	<1
8/15/2016	<1	<1			
10/4/2016		<1			
10/5/2016			<1	<1	<1
10/7/2016	<1				
11/29/2016			<1	<1	
11/30/2016					<1
12/1/2016	<1	<1			
2/7/2017		<1			
2/8/2017			<1	<1	<1
2/9/2017	<1				
4/5/2017				<1	
4/6/2017	<1	<1	<1		<1
6/20/2017		<1			
6/21/2017			<1	<1	<1
6/22/2017	<1				
10/5/2017		<1	<1	<1	<1
10/6/2017	<1				
3/20/2018		<1	<1	<1	
3/21/2018					<1
3/22/2018	<1				
10/2/2018		<1	<1	<1	
10/3/2018	<1				<1
3/26/2019	1.3	0.64 (J)	0.39 (J)	<1	0.45 (J)
9/11/2019	0.81 (J)	0.5 (J)	0.61 (J)		
9/12/2019				<1	<1
3/18/2020	25 (O)	<1	0.62 (J)		
3/19/2020				0.64 (J)	0.71 (J)
9/9/2020		<1	<1	1.2	
9/10/2020	1.3				<1
4/1/2021		<1	<1		
4/6/2021	0.9 (J)				
6/1/2021				1.9	1.4
8/11/2021	0.89 (J)	<1	<1	<1	<1
2/16/2022	<1	<1	<1	<1	<1
8/25/2022			<1	<1	<1
8/26/2022	1.3	0.79 (J)			
2/27/2023	1.6	1.2			
2/28/2023			1.2	1.2	1.3
8/8/2023				<1	<1
8/9/2023	1.3	<1	<1		
2/29/2024			1.8	<1	
3/1/2024	1.2	<1			0.68 (J)
8/6/2024	<1		<1	<1	<1
8/8/2024		<1			
2/24/2025	0.41 (J)				
2/25/2025		<1	<1	<1	<1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	38	84	61		
4/12/2016				147	93
6/15/2016	<10	139	113		
6/16/2016				150	130
8/10/2016	56	80	74		
8/11/2016				110	92
10/4/2016	48	62		140	120
10/5/2016			44		
11/29/2016		110	58		
11/30/2016	46			130	130
2/7/2017	18	70	4 (J)	130	36
4/4/2017	32	120	78		
4/5/2017				130	
4/6/2017					150
6/20/2017	38	76	50	120	92
10/4/2017	42			130	120
10/5/2017		110	64		
3/20/2018	20	110	90	110	120
10/2/2018	48	110	90	140	140
3/26/2019	45	100	82	150	130
9/10/2019	42	75	51	130	140
3/18/2020	43	93	75	130	140
9/9/2020	<10	66	64	120	110
4/1/2021	55	100	68	120	120
8/11/2021	55	100	94		
8/12/2021					130
8/18/2021				150	
2/15/2022	42	99	79	120	120
8/24/2022			110	160	
8/25/2022	86	130			
8/26/2022					180
2/27/2023				160	140
2/28/2023	50	110	94		
8/3/2023	53	110	85		
8/9/2023				140	120
2/28/2024		100	85		
3/1/2024				150	140
3/4/2024	41				
8/6/2024	53	110	86	140	130
2/25/2025	52	110		150	130
2/26/2025			81		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	92	80		138	
4/13/2016					130
4/19/2016			1290		
6/20/2016	78	111		154	116
6/22/2016			1060		
8/15/2016					92
8/16/2016	76	100	880	140	
10/5/2016	64				
10/6/2016		110	820	150	110
11/30/2016	82	110		160	
12/1/2016			900		140
2/8/2017	92	120			
2/9/2017			940	160	120
4/6/2017	88	130	1100	140	
4/7/2017					120
6/21/2017	88		1200	150	
6/22/2017		110			100
10/5/2017	86		950		
10/6/2017		120		160	140
3/21/2018	98	160		170	
3/22/2018			1000		130
10/3/2018	60	120	620	120	
10/4/2018					110
3/26/2019	86	130		130	
3/27/2019			580		120
9/10/2019	66	93			
9/11/2019			310	120	100
3/18/2020	72		430	140	
3/19/2020		130			98
9/9/2020			270		
9/10/2020	59	130		140	120
4/1/2021			260		110
4/2/2021		150			
4/6/2021	81				
6/2/2021				140	
8/11/2021				160	130
8/12/2021	89	130	370		
2/15/2022	53	140	290	140	140
8/25/2022	110	170	290	170	150
2/27/2023		240		150	140
2/28/2023	72		240		
5/2/2023		290			
8/8/2023		220	230	110	130
8/9/2023	88				
2/29/2024		260	190	160	130
3/4/2024	99				
8/6/2024			210		130
8/7/2024	100	250		150	
2/24/2025				160	150
2/25/2025	130	350	200		
4/22/2025		470 (R)			

Time Series

Constituent: TDS (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		135	103	99	<5
4/19/2016	179				
6/21/2016			214 (O)	293 (O)	110
6/22/2016		199			
8/15/2016		120	130	90	<5
10/5/2016			84	70	<5
10/6/2016		140			
10/10/2016	110 (O)				
12/1/2016	170	160	130	120	16
2/8/2017		130	130	86	12
2/9/2017	180				
4/5/2017					18
4/6/2017		140	130	130	
4/7/2017	200				
6/20/2017				86	<5
6/21/2017	190	150	120		
8/15/2017	190				
9/1/2017	160				
10/5/2017		170	140	94	28
10/9/2017	230				
3/21/2018		160	120	100	28
3/22/2018	220				
10/2/2018		34	150	120	38
10/17/2018	170				
3/26/2019					29
3/27/2019	300	140	140	100	
9/11/2019	210	130	110	94	14
3/18/2020	300	130	140	100	26
9/9/2020	360	150	160		
9/10/2020				95	13
4/1/2021		120	140	90	17
6/1/2021	340				
8/11/2021				120	18
8/12/2021	240	150			
8/17/2021			160		
2/15/2022	330	140	150		
2/16/2022				79	16
8/25/2022	270	180	170	130	
8/26/2022					29
2/21/2023			150		
2/27/2023	340	170		120	39
8/8/2023	910 (o)	150			
8/9/2023			140	98	27
10/4/2023	240				
2/29/2024	270			110	32
3/1/2024		160	150		
8/6/2024	230	170	140	100	28
2/24/2025	260	180	150	110	31

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			89	99	
4/12/2016					104
4/13/2016	60	56			
6/16/2016			88	102	111
6/21/2016	195 (O)	68			
8/11/2016			52	38	70
8/15/2016	42	46			
10/4/2016		60			
10/5/2016			76	26	92
10/7/2016	24				
11/29/2016			72	82	
11/30/2016					92
12/1/2016	68	70			
2/7/2017		40			
2/8/2017			74	78	98
2/9/2017	56				
4/5/2017				100	
4/6/2017	68	74	84		92
6/20/2017		34			
6/21/2017			88	100	100
6/22/2017	56				
10/5/2017		98	110	100	130
10/6/2017	90				
3/20/2018		42	92	100	
3/21/2018					100
3/22/2018	76				
10/2/2018		40	100	130	
10/3/2018	22				130
3/26/2019	59	60	94	100	110
9/11/2019	33	26	77		
9/12/2019				70	84
3/18/2020	100	57	92		
3/19/2020				110	120
9/9/2020		54	77	120	
9/10/2020	60				110
4/1/2021		43	62		
4/6/2021	55				
6/1/2021				130	120
8/11/2021	75	71	98	120	110
2/16/2022	55	46	70	110	110
8/25/2022			130	150	140
8/26/2022	84	91			
2/27/2023	87	70			
2/28/2023			100	130	120
8/8/2023				130	130
8/9/2023	74	64	95		
2/29/2024			96	130	
3/1/2024	74	63			130
8/6/2024	78		95	130	120
8/8/2024		65			
2/24/2025	86				
2/25/2025		66	99	140	110

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.001	<0.001
6/16/2010		<0.001	<0.001		
6/17/2010				<0.001	
6/18/2010	<0.001				
6/19/2010					<0.001
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				<0.001	<0.001
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.001
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2013	<0.001	0.0003 (J)	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	<0.001
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	
5/24/2015					<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		<0.001	<0.001
10/5/2016			<0.001		
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001			<0.001	<0.001
10/5/2017		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	0.00021 (J)	0.00023 (J)	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00049 (J)	0.00025 (J)
9/9/2020	0.00025 (J)	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	0.00027 (J)	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.001	<0.001	<0.001	<0.001	
6/17/2010	<0.001	<0.001			
6/18/2010			<0.001	<0.001	<0.001
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		<0.001			
9/9/2010			<0.001	<0.001	<0.001
4/28/2011		<0.001			
4/29/2011	<0.001		<0.001		
4/30/2011				<0.001	<0.001
10/28/2011	<0.001		<0.001		
10/29/2011		<0.001		<0.001	0.00027 (J)
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	<0.001				
11/10/2012		<0.001	<0.001	<0.001	<0.001
5/9/2013			<0.001	<0.001	<0.001
5/10/2013	<0.001	<0.001			
11/6/2013	<0.001	<0.001	<0.001		
11/7/2013				<0.001	0.00026 (J)
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	<0.001	<0.001			
5/24/2015			<0.001	<0.001	<0.001
11/10/2015	<0.001				
11/11/2015		<0.001	<0.001	<0.001	<0.001
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
6/20/2016	<0.001	<0.001		<0.001	<0.001
6/22/2016			<0.001		
8/12/2016	<0.001	<0.001		<0.001	
8/15/2016					<0.001
8/16/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	<0.001	<0.001
11/30/2016	<0.001	<0.001		<0.001	
12/1/2016			<0.001		<0.001
2/8/2017	<0.001	<0.001			
2/9/2017			<0.001	<0.001	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017		<0.001			<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.001	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		0.00036 (J)			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	0.00019 (J)
4/1/2021			<0.001		<0.001
4/2/2021		<0.001			
4/5/2021				0.0003 (J)	
4/6/2021	<0.001				
8/11/2021				0.0002 (J)	0.00043 (J)
8/12/2021	<0.001	<0.001	0.00037 (J)		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		<0.001	<0.001	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	<0.001	<0.001	<0.001	<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001
4/30/2011	<0.001				
10/27/2011	<0.001	<0.001	<0.001	<0.001	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	<0.001		<0.001	<0.001	
11/10/2012				<0.001	<0.001
11/11/2012	<0.001	<0.001	<0.001		
5/9/2013		<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001				
11/5/2013			<0.001		
11/6/2013		<0.001		<0.001	<0.001
11/7/2013	<0.001				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		<0.001	<0.001	<0.001	<0.001
11/13/2014	<0.001				
5/23/2015	<0.001	<0.001	<0.001		<0.001
5/24/2015				<0.001	
11/11/2015	<0.001				
11/12/2015		<0.001	<0.001	<0.001	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
6/21/2016			<0.001	<0.001	<0.001
6/22/2016		<0.001			
8/15/2016		<0.001	<0.001	<0.001	<0.001
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
12/1/2016	<0.001	<0.001	<0.001	<0.001	<0.001
2/8/2017		<0.001	<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
6/20/2017				<0.001	<0.001
6/21/2017	<0.001	<0.001	<0.001		
8/15/2017	<0.001				
9/1/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	0.00081 (J)				
8/11/2021				<0.001	<0.001
8/12/2021	0.00043 (J)	0.00016 (J)			
8/17/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	<0.001			<0.001	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			<0.001	<0.001	<0.001
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
6/21/2016	<0.001	<0.001			
8/11/2016			<0.001	<0.001	<0.001
8/15/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
11/29/2016			<0.001	<0.001	
11/30/2016					<0.001
12/1/2016	<0.001	<0.001			
2/7/2017		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		<0.001
6/20/2017		<0.001			
6/21/2017			<0.001	<0.001	<0.001
6/22/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	<0.001				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				0.00032 (J)	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			0.0024 (J)		
5/9/2010	<0.002	0.0049 (J)			
5/11/2010				0.012	0.0078 (J)
6/16/2010		0.0054 (J)	0.002 (J)		
6/17/2010				0.0082 (J)	
6/18/2010	<0.002				
6/19/2010					<0.01
7/26/2010			<0.01		
7/27/2010		0.0055 (J)		0.0096 (J)	0.0096 (J)
7/28/2010	<0.002				
9/7/2010		0.005 (J)	0.0026 (J)		
9/9/2010	<0.002			0.0098 (J)	0.0095 (J)
4/28/2011				0.0085 (J)	0.01
4/29/2011		0.005 (J)	0.0036 (J)		
4/30/2011	<0.002				
10/28/2011	<0.002	0.0081 (J)	<0.01		0.014
10/29/2011				0.011	
5/2/2012	<0.002	0.0059 (J)	0.003 (J)		
5/3/2012				0.013	0.013
11/9/2012	<0.002	0.0062 (J)	0.0081 (J)	0.013	0.012
5/8/2013	<0.002	0.0079 (J)	<0.01		
5/9/2013				0.012	0.012
11/5/2013	<0.002			0.015	0.014
11/6/2013		0.0068 (J)	0.0032 (J)		
5/20/2014	<0.002	0.0074 (J)	0.0036 (J)		
5/22/2014					0.013
5/23/2014				0.015	
11/8/2014		0.0097 (J)	0.0065 (J)		
11/12/2014	0.0035 (J)				
11/13/2014				0.02	0.016
5/22/2015	<0.002	0.0085 (J)	<0.01		
5/23/2015				0.018	
5/24/2015					0.014
11/9/2015		<0.01	0.0047 (J)		
11/11/2015	<0.002			0.018	0.014
4/6/2016	<0.002	0.00726 (J)	0.00424 (J)		
4/12/2016				0.0173	0.0155
10/4/2016	0.0031	0.013		0.021	0.017
10/5/2016			0.0049		
4/4/2017	<0.002	0.0046	0.0048		
4/5/2017				0.017	
4/6/2017					0.015
10/4/2017	0.0021 (J)			0.02	0.015
10/5/2017		0.0071	0.0024 (J)		
3/20/2018	<0.002	0.0067	0.0041	0.016	0.014
10/2/2018	<0.002	0.0069	0.004	0.017	0.015
3/26/2019	<0.002	0.007	0.0051	0.017	0.016
9/10/2019	0.0022	0.01	0.0091	0.02	0.018
3/18/2020	0.0011	0.0078	0.0051	0.02	0.016
9/9/2020	<0.002	0.0072	0.0053	0.018	0.014
4/1/2021	<0.002	0.0078	0.005	0.019	0.014
8/11/2021	<0.002	0.0082	0.0055		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					0.016
8/18/2021				0.018	
2/15/2022	<0.002	0.0077	0.0052	0.018	0.016
8/24/2022			0.0051	0.017	
8/25/2022	<0.002	0.0079			
8/26/2022					0.015
2/27/2023				0.019	0.016
2/28/2023	0.0011	0.0087	0.0057		
8/3/2023	<0.002	0.0086	0.0041		
8/9/2023				0.019	0.016
2/28/2024		0.0087	0.0056		
3/1/2024				0.018	0.015
3/4/2024	0.00066 (J)				
8/6/2024	<0.002	0.0082	0.0055	0.019	0.016
2/25/2025	<0.002	0.0069		0.017	0.013
2/26/2025			0.011		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					0.011
5/11/2010	0.0046 (J)	0.0068 (J)	0.0038 (J)	0.0055 (J)	
6/17/2010	0.0046 (J)	0.0079 (J)			
6/18/2010			0.0044 (J)	0.0071 (J)	0.017
7/27/2010			0.0054 (J)	0.0085 (J)	
7/28/2010	0.019 (O)	0.0077 (J)			0.012
9/7/2010	0.0072 (J)				
9/8/2010		0.0077 (J)			
9/9/2010			0.0053 (J)	0.0088 (J)	0.013
4/28/2011		0.0099 (J)			
4/29/2011	0.0052 (J)		0.0039 (J)		
4/30/2011				0.0094 (J)	0.012
10/28/2011	0.0059 (J)		<0.0025		
10/29/2011		0.006 (J)		0.009 (J)	0.013
5/3/2012	0.0049 (J)	0.0084 (J)			
5/4/2012			<0.0025	0.0084 (J)	0.012
11/9/2012	0.007 (J)				
11/10/2012		0.0061 (J)	0.0035 (J)	0.0089 (J)	0.012
5/9/2013			0.004 (J)	0.0071 (J)	0.013
5/10/2013	0.0094 (J)	0.009 (J)			
11/6/2013	0.0059 (J)	0.0089 (J)	0.0034 (J)		
11/7/2013				0.0094 (J)	0.014
5/21/2014				0.0082 (J)	0.013
5/22/2014	0.0057 (J)	0.0084 (J)	0.0047 (J)		
11/9/2014	0.0069 (J)	0.0076 (J)	0.0067 (J)	0.013	
11/12/2014					0.015
5/22/2015	0.006 (J)	0.011			
5/24/2015			0.0033 (J)	0.009 (J)	0.015
11/10/2015	0.011				
11/11/2015		0.0034 (J)	<0.0025	0.0052 (J)	0.0055 (J)
4/12/2016	0.00503 (J)	0.00654 (J)		0.00896 (J)	
4/13/2016					0.0127
4/19/2016			<0.0025		
10/5/2016	0.0072				
10/6/2016		0.0086	<0.0025	0.009	0.012
4/6/2017	0.0056	0.0073	0.0018 (J)	0.0089	
4/7/2017					0.013
10/5/2017	0.0061		<0.0025		
10/6/2017		0.0087		0.011	0.015
3/21/2018	0.0097	0.0058		0.0077	
3/22/2018			0.0018 (J)		0.012
10/3/2018	0.0053	0.006	0.0018 (J)	0.0081	
10/4/2018					0.012
3/26/2019	0.0076	0.011		0.012	
3/27/2019			0.002 (J)		0.013
9/10/2019	0.0078	0.0086			
9/11/2019			0.0047	0.012	0.015
3/18/2020	0.0051		0.002	0.0099	
3/19/2020		0.0065			0.014
9/9/2020			0.002		
9/10/2020	0.0061	0.0068		0.0094	0.014
4/1/2021			0.0027		0.014

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		0.0081			
4/5/2021				0.0091	
4/6/2021	0.0075				
8/11/2021				0.0099	0.013
8/12/2021	0.0087	0.007	0.0021		
2/15/2022	0.0064	0.0059	0.0026	0.0094	0.013
8/25/2022	0.0072	0.0059	0.0026	0.011	0.014
2/27/2023		0.0056		0.0097	0.014
2/28/2023	0.0066		0.003		
8/8/2023		0.0056	0.0018 (J)	0.0094	0.012
8/9/2023	0.0057				
2/29/2024		0.0049	0.0029	0.0093	0.013
3/4/2024	0.0051				
8/6/2024			0.0023		0.013
8/7/2024	0.0054	0.0038		0.0091	
2/24/2025				0.011	0.013
2/25/2025	0.0042	0.0041	0.0023		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.002
5/10/2010	0.013	0.0097 (J)	0.011	0.009 (J)	
6/16/2010		0.01	0.01	0.0089 (J)	
6/18/2010					<0.002
6/19/2010	0.0075 (J)				
7/27/2010		0.012		0.0089 (J)	<0.002
7/28/2010	0.01		0.011		
9/8/2010	0.038	0.013	0.011	0.009 (J)	<0.002
4/29/2011		0.0097 (J)	0.01	0.0082 (J)	<0.002
4/30/2011	0.053 (O)				
10/27/2011	0.016	0.015	0.014	0.009 (J)	
10/28/2011					<0.002
5/3/2012		0.017			<0.002
5/4/2012	0.018		0.0096 (J)	0.0091 (J)	
11/10/2012				0.0096 (J)	<0.002
11/11/2012	0.025	0.017	0.011		
5/9/2013		0.014	0.011	0.01	<0.002
5/10/2013	0.09 (O)				
11/5/2013			0.013		
11/6/2013		0.019		0.01	<0.002
11/7/2013	0.02				
5/20/2014				0.011	<0.002
5/21/2014	0.016	0.016	0.012		
11/12/2014		0.022	0.016	0.012	0.0032 (J)
11/13/2014	0.065 (O)				
5/23/2015	0.032	0.016	0.011		<0.002
5/24/2015				0.012	
11/11/2015	0.033				
11/12/2015		0.015	0.0053 (J)	<0.01	<0.002
4/13/2016		0.0144	0.0124	0.00976 (J)	<0.002
4/19/2016	0.0233				
10/5/2016			0.013	0.013	<0.002
10/6/2016		0.02			
10/10/2016	0.019				
4/5/2017					<0.002
4/6/2017		0.016	0.013	0.011	
4/7/2017	0.0044				
10/5/2017		0.024	0.015	0.013	0.0022 (J)
10/9/2017	0.0047				
3/21/2018		0.018	0.012	0.0098	<0.002
3/22/2018	0.0043				
10/2/2018		0.021	0.012	0.01	<0.002
10/4/2018	<0.002				
3/26/2019					0.0029
3/27/2019	0.003	0.019	0.012	0.012	
9/11/2019	0.0042	0.025	0.017	0.015	0.0052
3/18/2020	0.0031	0.012	0.013	0.011	<0.002
9/9/2020	<0.002	0.022	0.012		
9/10/2020				0.01	<0.002
4/1/2021		0.0095	0.013	0.011	<0.002
4/5/2021	0.0023				
8/11/2021				0.011	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.002	0.02			
8/17/2021			0.026		
10/18/2021			0.013		
2/15/2022	0.00079 (J)	0.017	0.012		
2/16/2022				0.0099	<0.002
8/25/2022	0.0023	0.025	0.011	0.0099	
8/26/2022					<0.002
2/21/2023			0.012		
2/27/2023	0.0019	0.018		0.012	0.0014
8/8/2023	<0.002	0.019			
8/9/2023			0.013	0.0099	<0.002
2/29/2024	<0.002			0.011	<0.002
3/1/2024		0.016	0.013		
8/6/2024	<0.002	0.02	0.01	0.0089	<0.002
2/24/2025	0.002	0.01	0.013	0.011	0.00072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.002	<0.002			
5/10/2010			0.0052 (J)		
5/11/2010				0.0064 (J)	0.014
6/16/2010			0.0059 (J)	0.0061 (J)	
6/17/2010					0.014
6/18/2010	<0.002	<0.002			
7/26/2010			0.0052 (J)		
7/27/2010				0.006 (J)	0.016
7/28/2010		<0.002			
7/29/2010	<0.002				
9/7/2010			0.0056 (J)	0.0066 (J)	0.017
9/9/2010	<0.002	<0.002			
4/26/2011	<0.002				
4/29/2011			0.005 (J)	0.0066 (J)	0.015
4/30/2011		<0.002			
10/28/2011	<0.002	<0.002	0.0048 (J)	0.0057 (J)	0.016
5/2/2012			0.0057 (J)	0.006 (J)	
5/3/2012		<0.002			0.016
5/4/2012	<0.002				
11/9/2012			0.0057 (J)	0.0073 (J)	
11/10/2012		<0.002			0.018
11/11/2012	<0.002				
5/8/2013	0.0039 (J)	<0.002	0.0069 (J)		
5/9/2013				0.0069 (J)	0.019
11/5/2013		<0.002			
11/6/2013			0.0052 (J)	0.0077 (J)	0.019
11/7/2013	<0.002				
5/20/2014	<0.002	<0.002			
5/22/2014				0.0075 (J)	0.018
5/23/2014			0.0081 (J)		
11/8/2014			0.01	0.0081 (J)	
11/9/2014					0.02
11/12/2014	0.004 (J)	<0.002			
5/22/2015			0.0052 (J)	0.01	0.016
5/24/2015	<0.002	<0.002			
11/10/2015			<0.01	0.0033 (J)	0.01
11/11/2015		<0.002			
11/12/2015	<0.002				
4/11/2016			0.00604 (J)	0.00756 (J)	
4/12/2016					0.019
4/13/2016	<0.002	<0.002			
10/4/2016		0.0026			
10/5/2016			0.0075	0.0084	0.016
10/7/2016	<0.002				
4/5/2017				0.0086	
4/6/2017	<0.002	<0.002	0.0065		0.02
10/5/2017		0.0024 (J)	0.0052	0.0062	0.02
10/6/2017	0.0032				
3/20/2018		<0.002	0.0064	0.0072	
3/21/2018					0.021
3/22/2018	<0.002				
10/2/2018		<0.002	0.0064	0.0073	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.002				0.017
3/26/2019	0.0041	0.0034	0.0094	0.0094	0.018
9/11/2019	0.0062	0.0062	0.011		
9/12/2019				0.0083	0.02
3/18/2020	0.001	<0.002	0.0075		
3/19/2020				0.008	0.019
9/9/2020		<0.002	0.007	0.0071	
9/10/2020	0.0011				0.018
4/1/2021		0.0013	0.0081		
4/5/2021				0.0068	0.017
4/6/2021	0.0028				
8/11/2021	0.0013	0.0012	0.008	0.0076	0.019
2/16/2022	0.0011	0.00091 (J)	0.0066	0.0068	0.018
8/25/2022			0.007	0.0068	0.018
8/26/2022	0.0016	0.0017			
2/27/2023	0.0021	0.002			
2/28/2023			0.0072	0.0078	0.019
8/8/2023				0.007	0.018
8/9/2023	0.0016 (J)	0.00079 (J)	0.0061		
2/29/2024			0.0069	0.0078	
3/1/2024	0.0011 (J)	<0.002			0.019
8/6/2024	<0.002		0.0066	0.0075	0.017
8/8/2024		<0.002			
2/24/2025	0.0022				
2/25/2025		<0.002	0.006	0.0067	0.016

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/11/2010				<0.005	<0.005
6/16/2010		<0.005	<0.005		
6/17/2010				<0.005	
6/18/2010	<0.005				
6/19/2010					<0.005
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005				
9/7/2010		<0.005	<0.005		
9/9/2010	<0.005			<0.005	<0.005
4/28/2011				<0.005	<0.005
4/29/2011		<0.005	<0.005		
4/30/2011	<0.005				
10/28/2011	<0.005	<0.005	<0.005		<0.005
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/22/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				
11/13/2014				<0.005	<0.005
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				<0.005	
5/24/2015					<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.005			<0.005	<0.005
4/6/2016	<0.005	<0.005	0.00274 (J)		
4/12/2016				<0.005	<0.005
10/4/2016	<0.005	<0.005		<0.005	<0.005
10/5/2016			0.0073 (J)		
4/4/2017	<0.005	<0.005	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
10/4/2017	<0.005			<0.005	<0.005
10/5/2017		<0.005	<0.005		
3/20/2018	<0.005	<0.005	<0.005	<0.005	<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019	0.006	0.0047 (J)	0.0084	0.0038 (J)	0.004 (J)
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	0.01
8/11/2021	<0.005	<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	0.0039 (J)	
8/25/2022	<0.005	<0.005			
8/26/2022					<0.005
2/27/2023				<0.005	<0.005
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	0.0035 (J)	<0.005		
8/9/2023				<0.005	0.0046 (J)
2/28/2024		<0.005	<0.005		
3/1/2024				0.004 (J)	<0.005
3/4/2024	<0.005				
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025	0.0034 (J)	<0.005		<0.005	<0.005
2/26/2025			<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.005
5/11/2010	0.018 (JO)	<0.005	<0.005	<0.005	
6/17/2010	<0.005	<0.005			
6/18/2010			<0.005	<0.005	<0.005
7/27/2010			<0.005	<0.005	
7/28/2010	0.016 (JO)	<0.005			<0.005
9/7/2010	<0.005				
9/8/2010		<0.005			
9/9/2010			<0.005	<0.005	<0.005
4/28/2011		<0.005			
4/29/2011	<0.005		<0.005		
4/30/2011				<0.005	<0.005
10/28/2011	<0.005		<0.005		
10/29/2011		<0.005		<0.005	<0.005
5/3/2012	<0.005	<0.005			
5/4/2012			<0.005	<0.005	<0.005
11/9/2012	<0.005				
11/10/2012		<0.005	<0.005	<0.005	<0.005
5/9/2013			<0.005	<0.005	<0.005
5/10/2013	<0.005	<0.005			
11/6/2013	<0.005	<0.005	<0.005		
11/7/2013				<0.005	<0.005
5/21/2014				<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005		
11/9/2014	<0.005	<0.005	<0.005	<0.005	
11/12/2014					<0.005
5/22/2015	<0.005	<0.005			
5/24/2015			<0.005	<0.005	<0.005
11/10/2015	<0.005				
11/11/2015		<0.005	0.0089 (J)	<0.005	<0.005
4/12/2016	<0.005	0.00203 (J)		<0.005	
4/13/2016					<0.005
4/19/2016			0.0133 (O)		
10/5/2016	0.01 (JO)				
10/6/2016		<0.005	<0.005	<0.005	<0.005
4/6/2017	<0.005	<0.005	0.0087 (J)	<0.005	
4/7/2017					<0.005
10/5/2017	<0.005		0.0078 (J)		
10/6/2017		<0.005		<0.005	<0.005
3/21/2018	<0.005	<0.005		<0.005	
3/22/2018			0.0086 (J)		<0.005
10/3/2018	<0.005	<0.005	<0.005	<0.005	
10/4/2018					<0.005
3/26/2019	<0.005	<0.005		<0.005	
3/27/2019			<0.005		<0.005
9/10/2019	0.0069	0.006			
9/11/2019			0.0074	0.0062	0.0074
3/18/2020	<0.005		0.0045 (J)	<0.005	
3/19/2020		<0.005			<0.005
9/9/2020			<0.005		
9/10/2020	<0.005	<0.005		<0.005	<0.005
4/1/2021			<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		<0.005			
4/5/2021				<0.005	
4/6/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	0.0035 (J)	<0.005	0.0034 (J)		
2/15/2022	<0.005	<0.005	0.0034 (J)	<0.005	0.0037 (J)
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/27/2023		<0.005		<0.005	<0.005
2/28/2023	<0.005		<0.005		
8/8/2023		<0.005	<0.005	<0.005	<0.005
8/9/2023	<0.005				
2/29/2024		<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005				
8/6/2024			<0.005		<0.005
8/7/2024	0.0028 (J)	<0.005		<0.005	
2/24/2025				<0.005	<0.005
2/25/2025	<0.005	<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	<0.005	<0.005	<0.005	<0.005	
6/16/2010		<0.005	<0.005	<0.005	
6/18/2010					<0.005
6/19/2010	0.0081 (J)				
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	0.017 (J)		<0.005		
9/8/2010	0.085	<0.005	<0.005	<0.005	<0.005
4/29/2011		<0.005	<0.005	<0.005	<0.005
4/30/2011	0.13 (O)				
10/27/2011	0.03	<0.005	<0.005	<0.005	
10/28/2011					<0.005
5/3/2012		<0.005			<0.005
5/4/2012	0.029		<0.005	<0.005	
11/10/2012				<0.005	<0.005
11/11/2012	0.046	<0.005	<0.005		
5/9/2013		<0.005	<0.005	<0.005	<0.005
5/10/2013	0.23 (O)				
11/5/2013			<0.005		
11/6/2013		<0.005		<0.005	<0.005
11/7/2013	0.028				
5/20/2014				<0.005	<0.005
5/21/2014	0.015 (J)	<0.005	<0.005		
11/12/2014		<0.005	<0.005	<0.005	<0.005
11/13/2014	0.13 (O)				
5/23/2015	0.059	<0.005	<0.005		<0.005
5/24/2015				<0.005	
11/11/2015	0.079				
11/12/2015		<0.005	<0.005	<0.005	<0.005
4/13/2016		<0.005	<0.005	0.00241 (J)	0.00409 (J)
4/19/2016	0.0218				
10/5/2016			<0.005	<0.005	<0.005
10/6/2016		<0.005			
10/10/2016	0.013 (J)				
4/5/2017					<0.005
4/6/2017		<0.005	<0.005	<0.005	
4/7/2017	<0.005				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/9/2017	<0.005				
3/21/2018		<0.005	<0.005	0.007 (J)	<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	0.022 (O)	<0.005
10/4/2018	<0.005				
3/26/2019					<0.005
3/27/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019	0.0052	0.0037 (J)	0.004 (J)	0.0072	0.0065
3/18/2020	<0.005	<0.005	<0.005	<0.005	0.005
9/9/2020	<0.005	<0.005	<0.005		
9/10/2020				0.018	0.0037 (J)
4/1/2021		<0.005	<0.005	0.0034 (J)	<0.005
4/5/2021	<0.005				
8/11/2021				<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.005	<0.005			
8/17/2021			0.013		
10/18/2021			<0.005		
2/15/2022	<0.005	<0.005	<0.005		
2/16/2022				0.0034 (J)	0.0032 (J)
8/25/2022	<0.005	<0.005	<0.005	<0.005	
8/26/2022					<0.005
2/21/2023			<0.005		
2/27/2023	0.016	<0.005		<0.005	<0.005
8/8/2023	<0.005	<0.005			
8/9/2023			<0.005	<0.005	<0.005
2/29/2024	<0.005			0.0036 (J)	<0.005
3/1/2024		<0.005	<0.005		
8/6/2024	<0.005	<0.005	<0.005	0.0033 (J)	0.0028 (J)
2/24/2025	<0.005	<0.005	0.0097	0.0031 (J)	0.0029 (J)

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.005	<0.005			
5/10/2010			<0.005		
5/11/2010				<0.005	<0.005
6/16/2010			<0.005	<0.005	
6/17/2010					<0.005
6/18/2010	<0.005	<0.005			
7/26/2010			<0.005		
7/27/2010				<0.005	<0.005
7/28/2010		<0.005			
7/29/2010	<0.005				
9/7/2010			<0.005	<0.005	<0.005
9/9/2010	<0.005	<0.005			
4/26/2011	<0.005				
4/29/2011			<0.005	<0.005	<0.005
4/30/2011		<0.005			
10/28/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/2/2012			<0.005	<0.005	
5/3/2012		<0.005			<0.005
5/4/2012	<0.005				
11/9/2012			<0.005	<0.005	
11/10/2012		<0.005			<0.005
11/11/2012	<0.005				
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013			<0.005	<0.005	<0.005
11/7/2013	<0.005				
5/20/2014	<0.005	<0.005			
5/22/2014				<0.005	<0.005
5/23/2014			<0.005		
11/8/2014			<0.005	<0.005	
11/9/2014					<0.005
11/12/2014	<0.005	<0.005			
5/22/2015			<0.005	<0.005	<0.005
5/24/2015	<0.005	<0.005			
11/10/2015			<0.005	<0.005	<0.005
11/11/2015		<0.005			
11/12/2015	<0.005				
4/11/2016			<0.005	<0.005	
4/12/2016					<0.005
4/13/2016	0.00289 (J)	<0.005			
10/4/2016		<0.005			
10/5/2016			<0.005	0.0085 (JO)	<0.005
10/7/2016	<0.005				
4/5/2017				<0.005	
4/6/2017	<0.005	<0.005	<0.005		<0.005
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/6/2017	0.0071 (J)				
3/20/2018		<0.005	<0.005	<0.005	
3/21/2018					<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.005				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	0.0085	0.0038 (J)	0.0077		
9/12/2019				0.0059	0.0065
3/18/2020	0.0052	<0.005	<0.005		
3/19/2020				<0.005	<0.005
9/9/2020		<0.005	<0.005	<0.005	
9/10/2020	0.0038 (J)				<0.005
4/1/2021		<0.005	<0.005		
4/5/2021				<0.005	<0.005
4/6/2021	0.004 (J)				
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	0.004 (J)	<0.005	<0.005	<0.005	<0.005
8/25/2022			<0.005	<0.005	0.0063
8/26/2022	<0.005	<0.005			
2/27/2023	<0.005	<0.005			
2/28/2023			<0.005	<0.005	<0.005
8/8/2023				<0.005	<0.005
8/9/2023	0.0031 (J)	<0.005	<0.005		
2/29/2024			0.0032 (J)	<0.005	
3/1/2024	<0.005	0.024			<0.005
5/7/2024		<0.005			
8/6/2024	0.003 (J)		<0.005	<0.005	<0.005
8/8/2024		<0.005			
2/24/2025	0.0036 (J)				
2/25/2025		<0.005	0.003 (J)	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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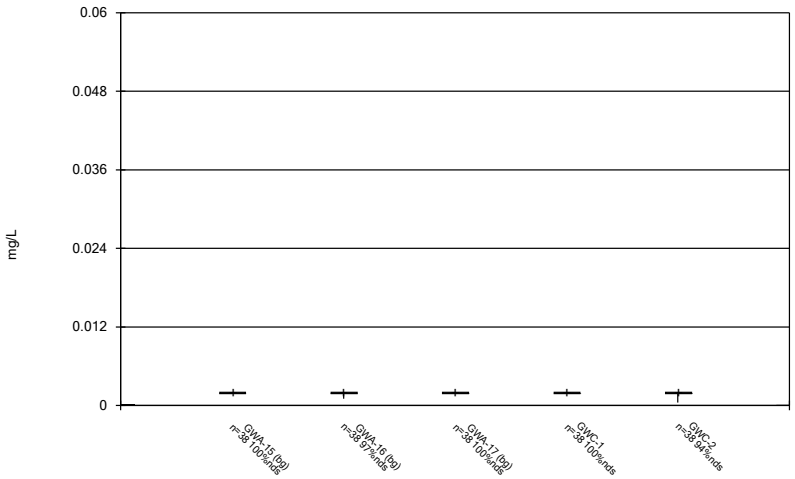
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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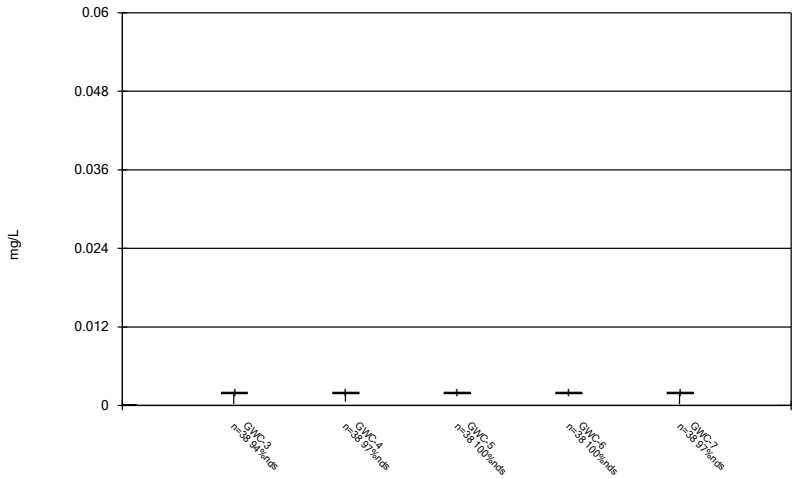
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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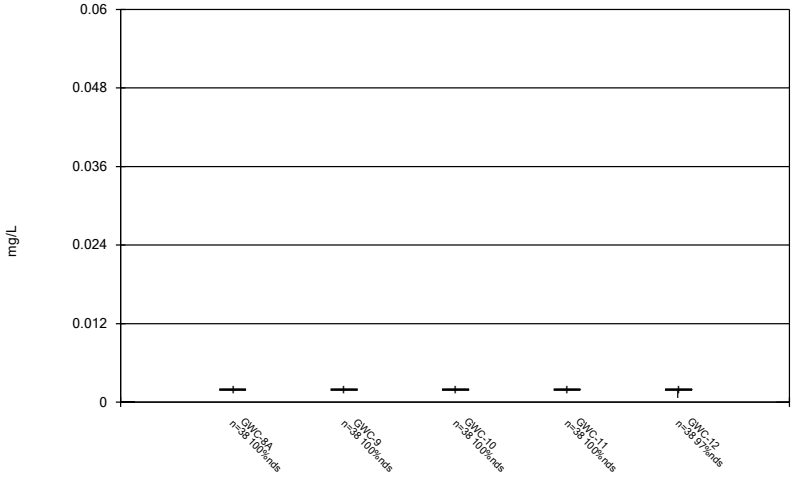
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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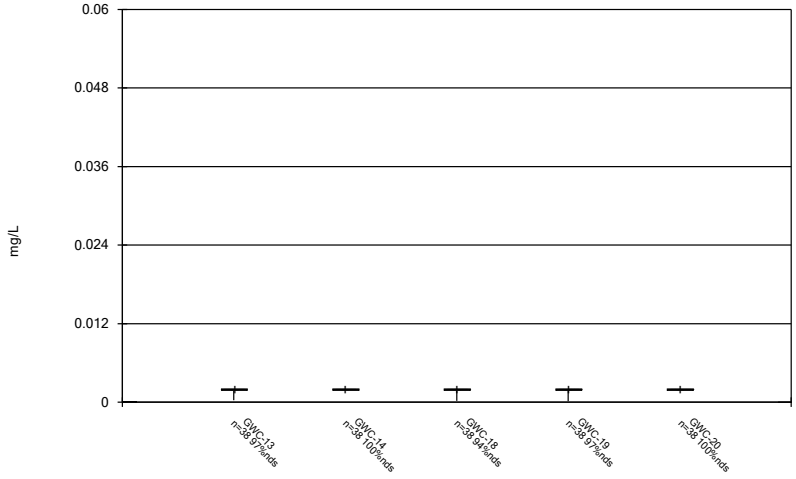
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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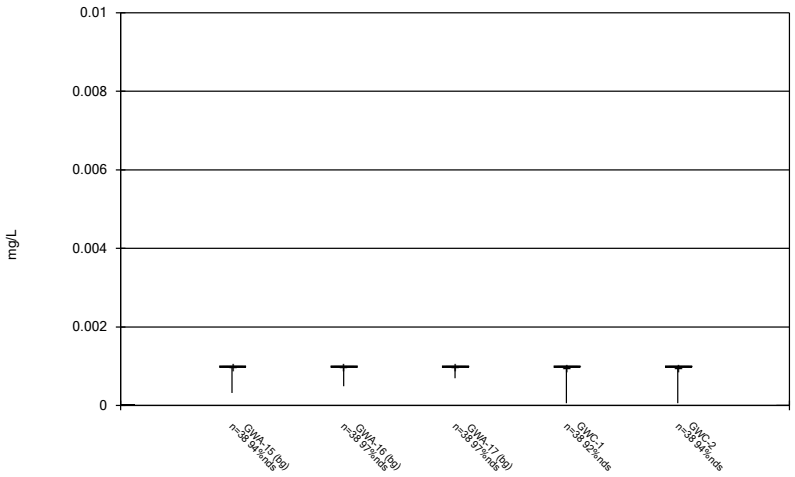
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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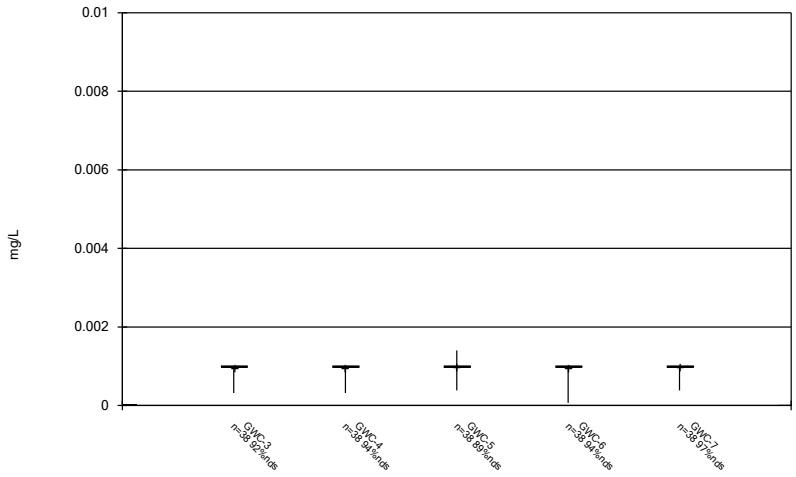
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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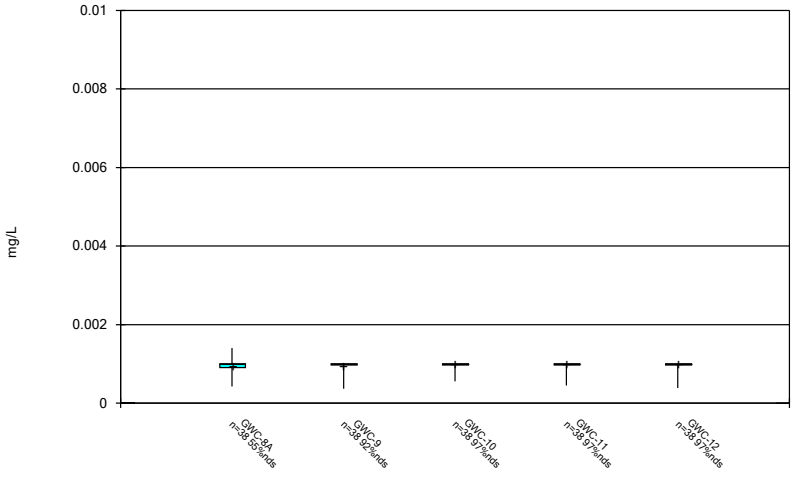
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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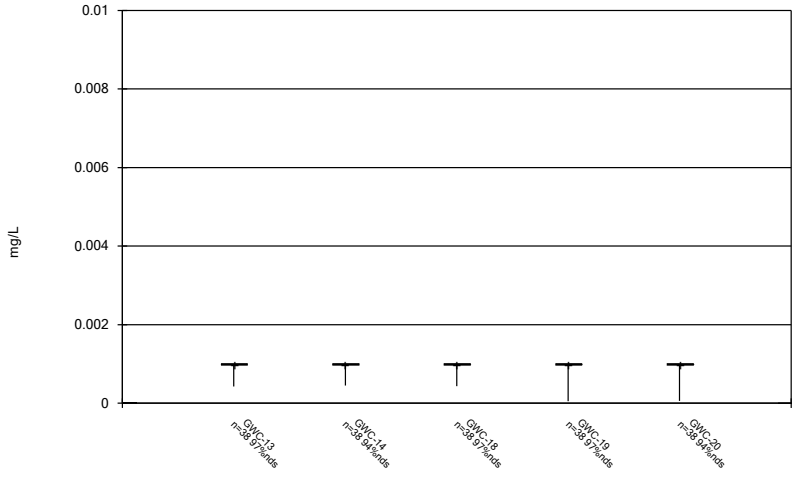
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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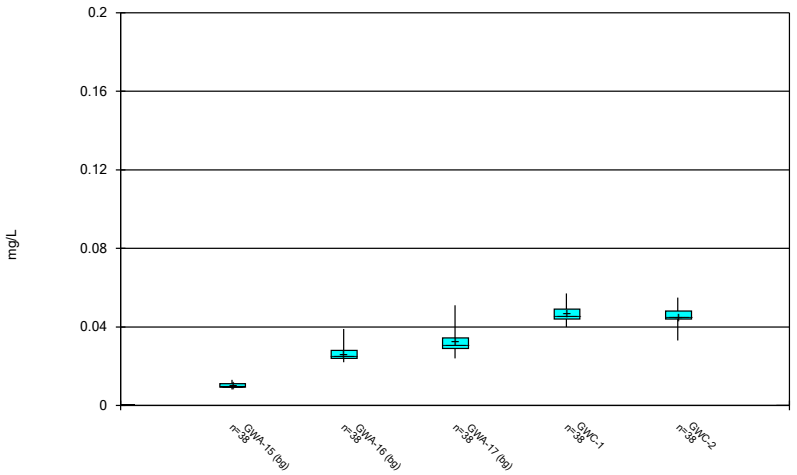
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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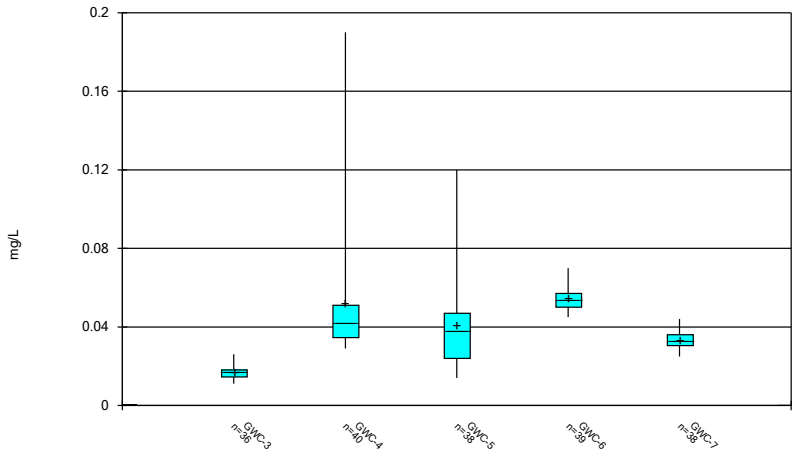
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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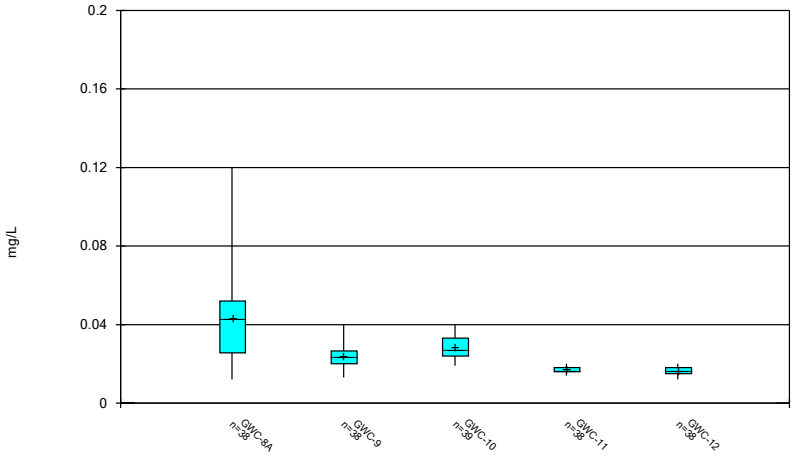
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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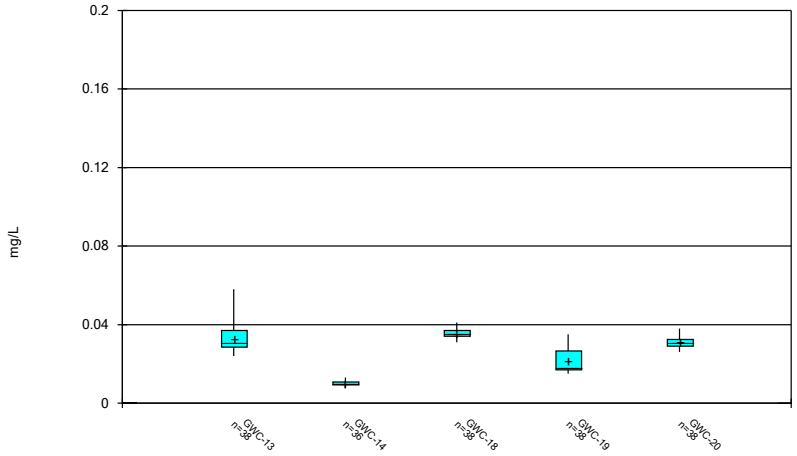
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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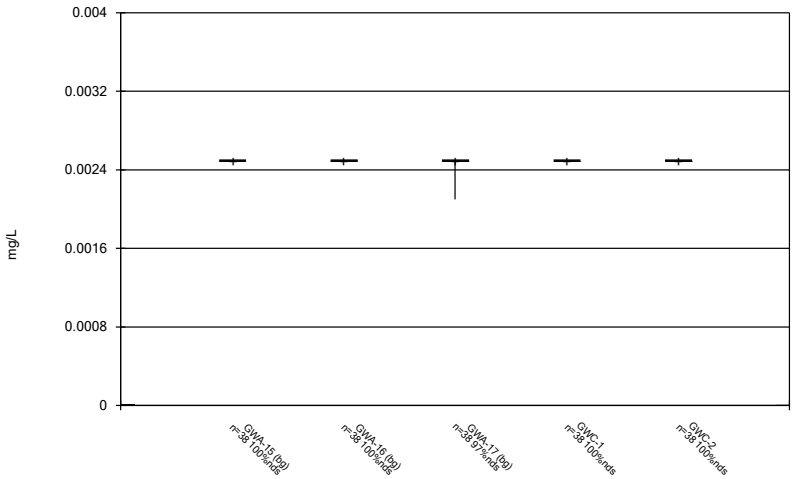
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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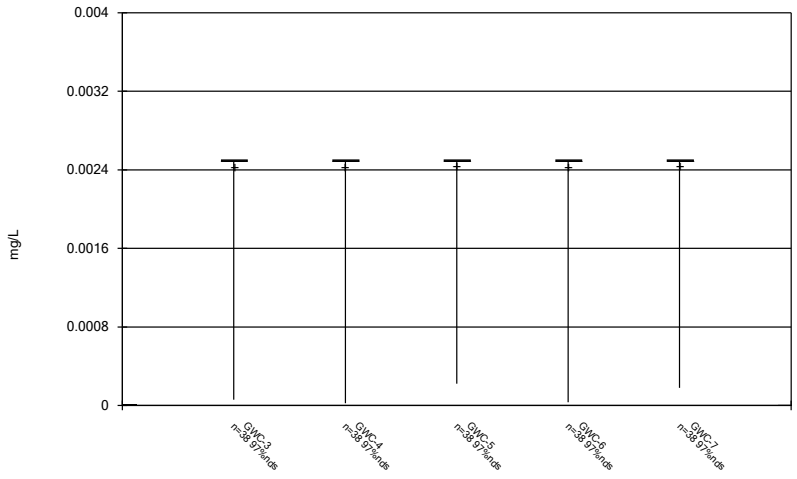
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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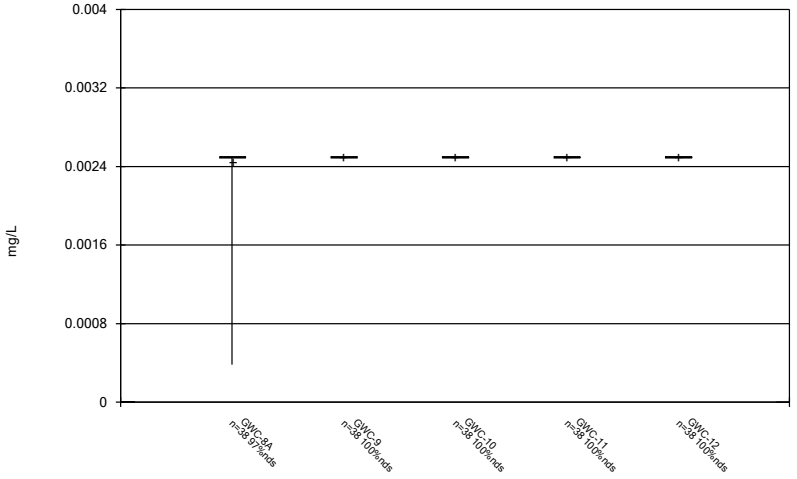
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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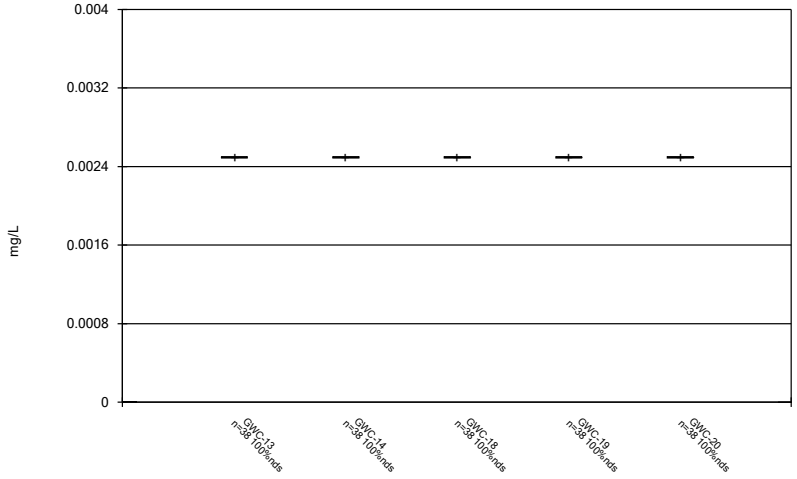
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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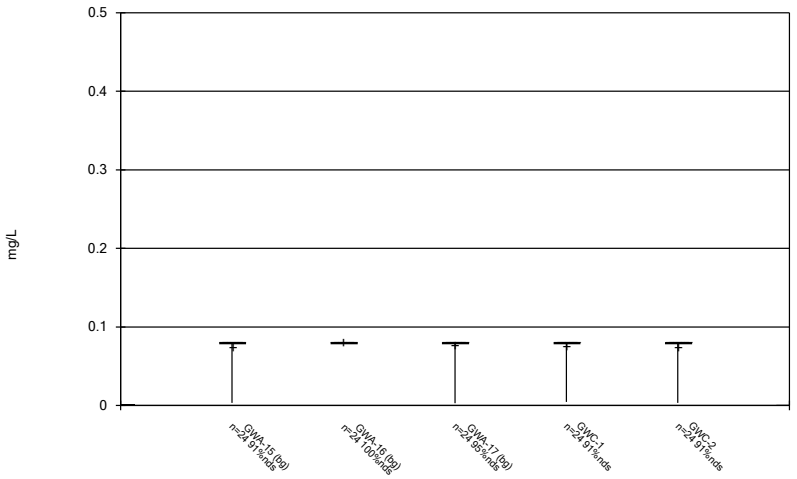
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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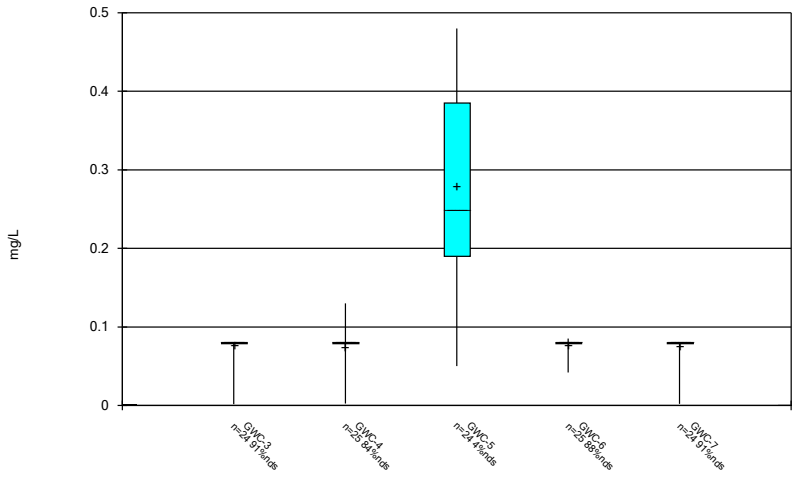
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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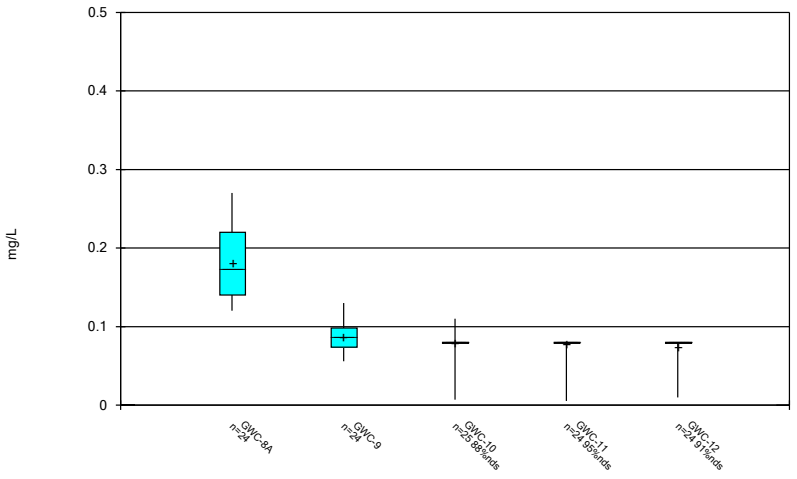
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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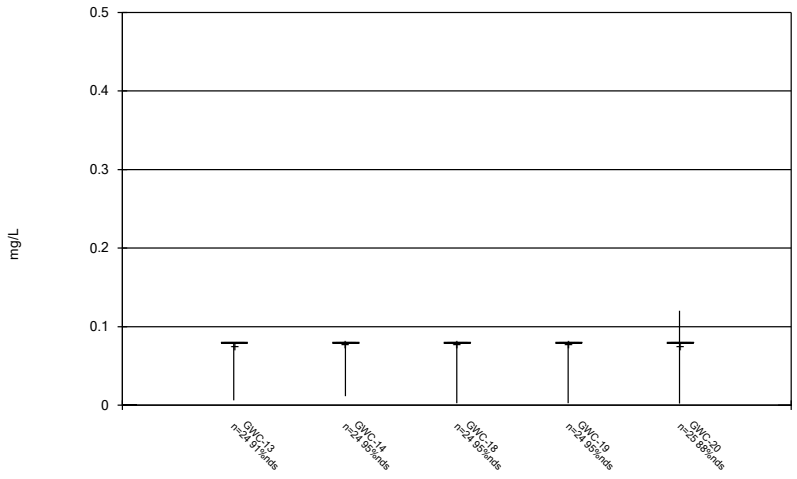
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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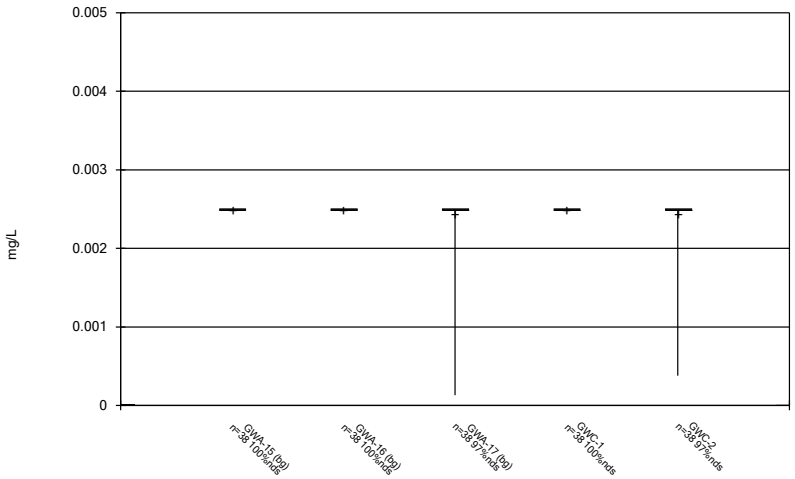
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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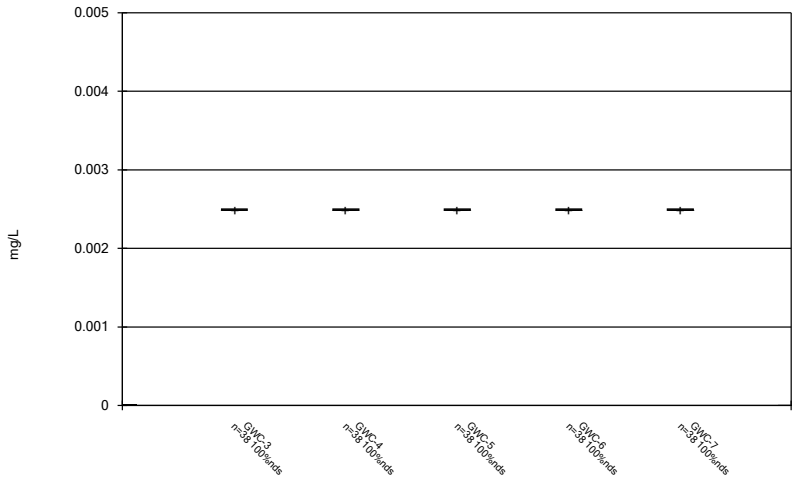
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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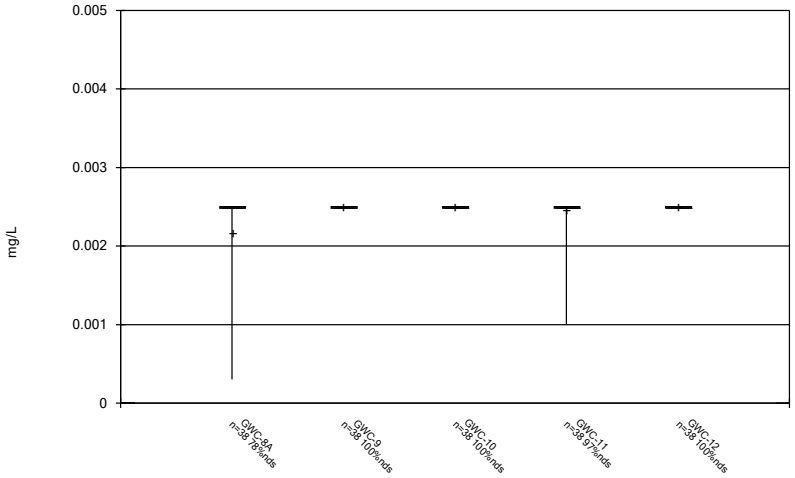
Box & Whiskers Plot



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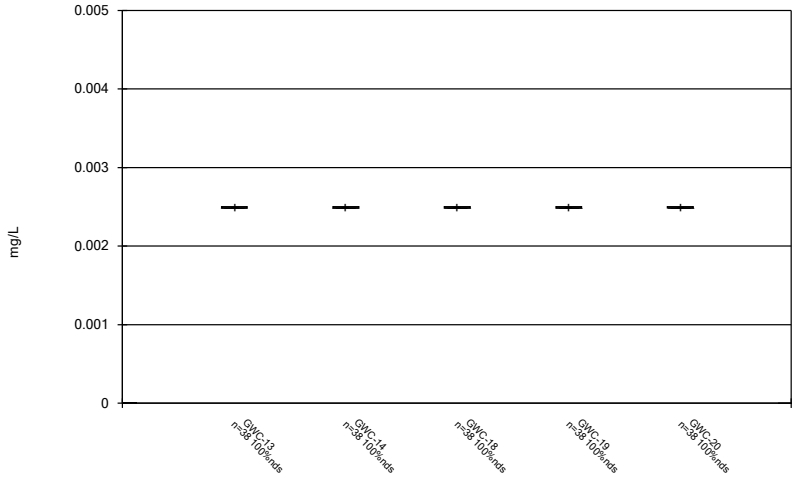

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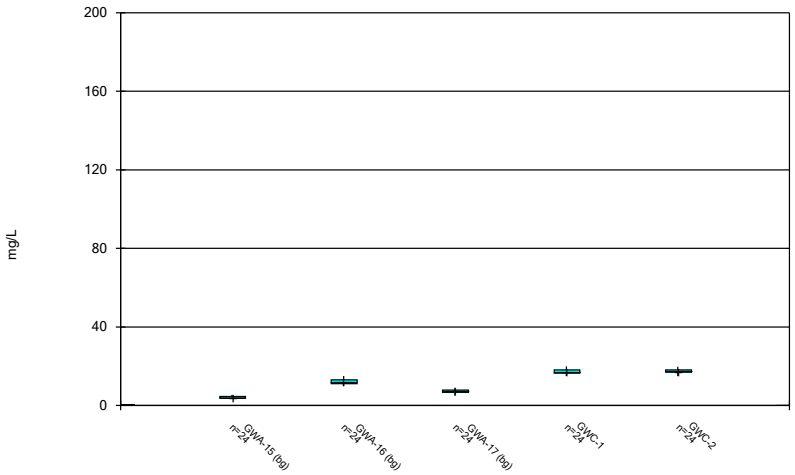

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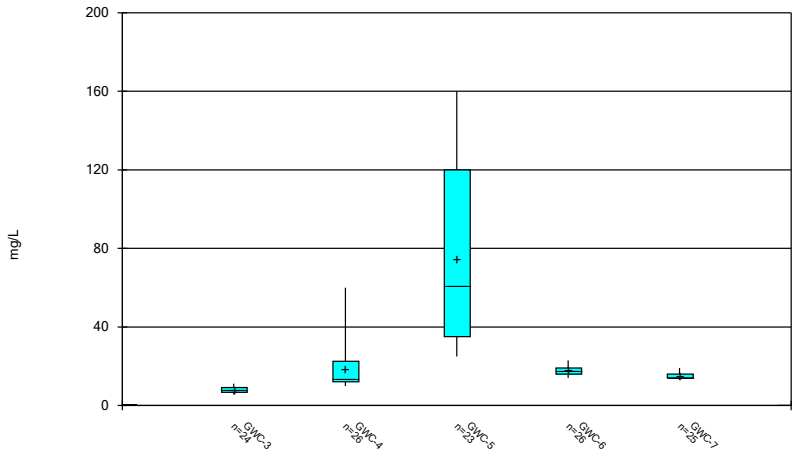

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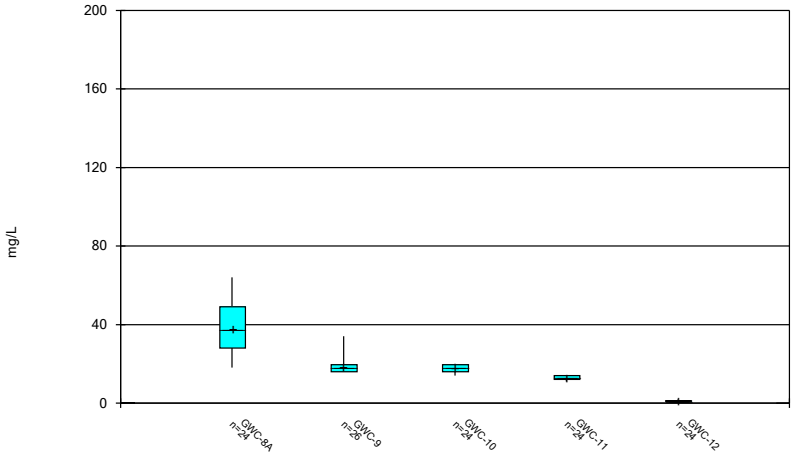

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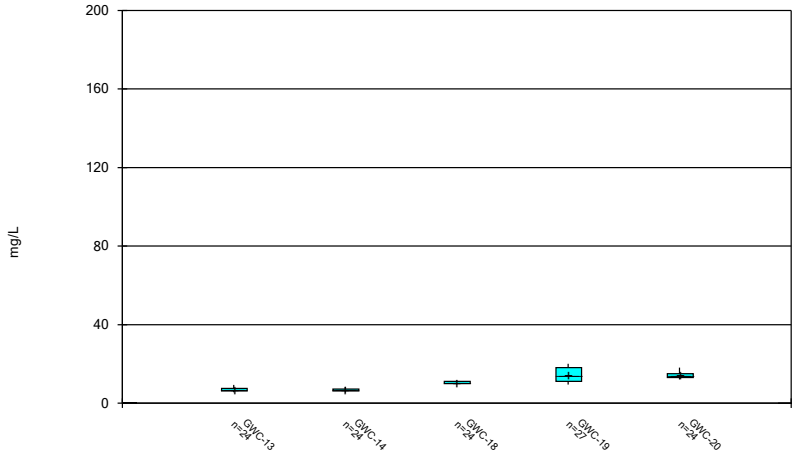

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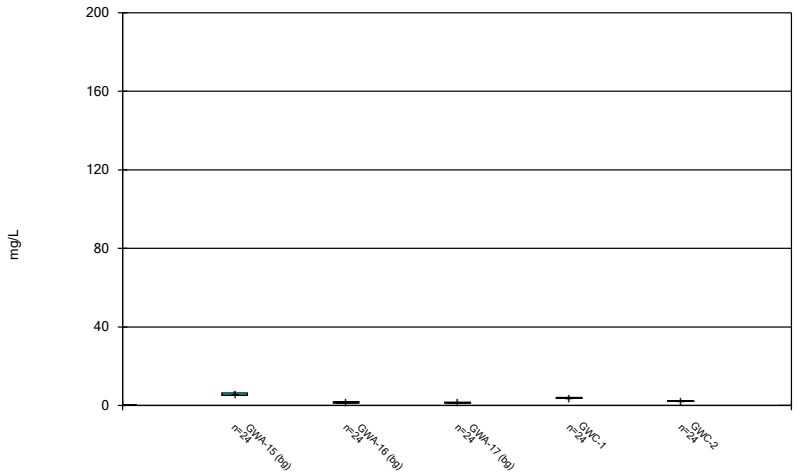

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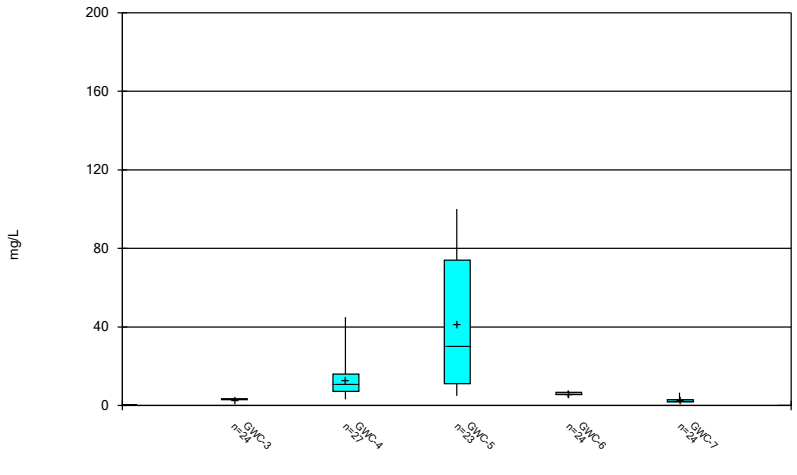
Box & Whiskers Plot



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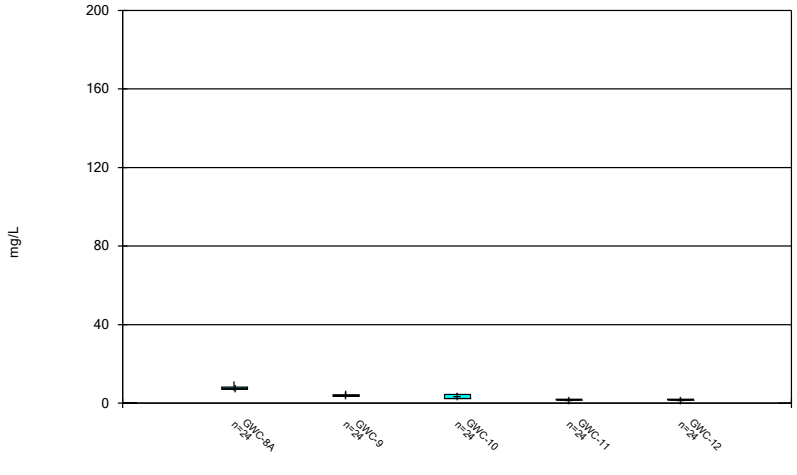

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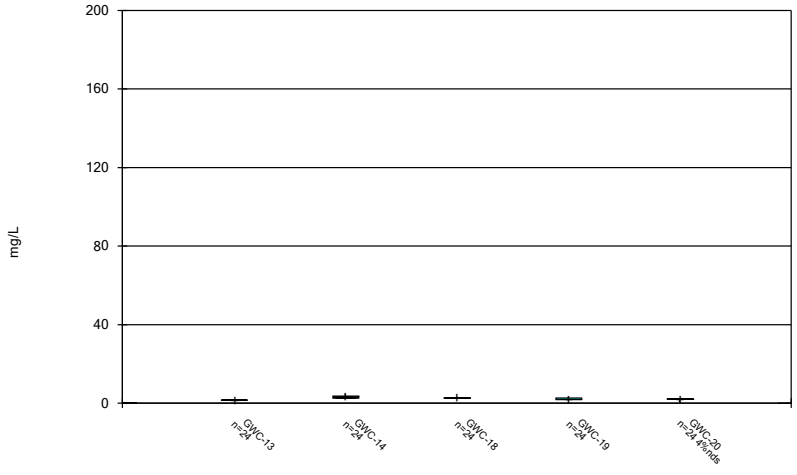

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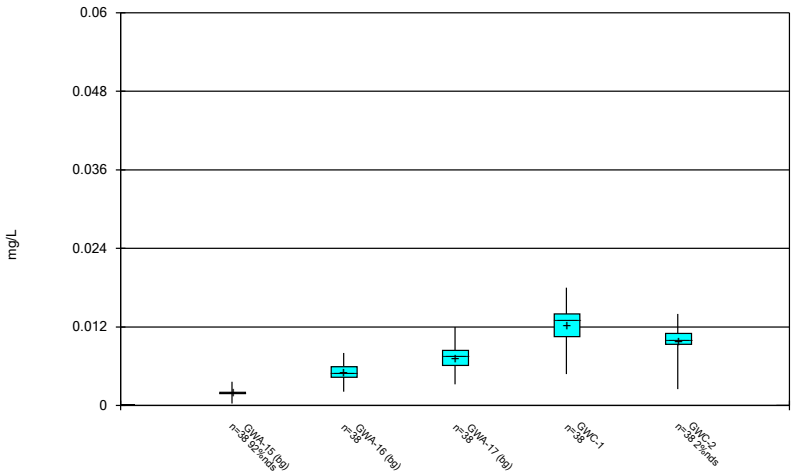
Box & Whiskers Plot



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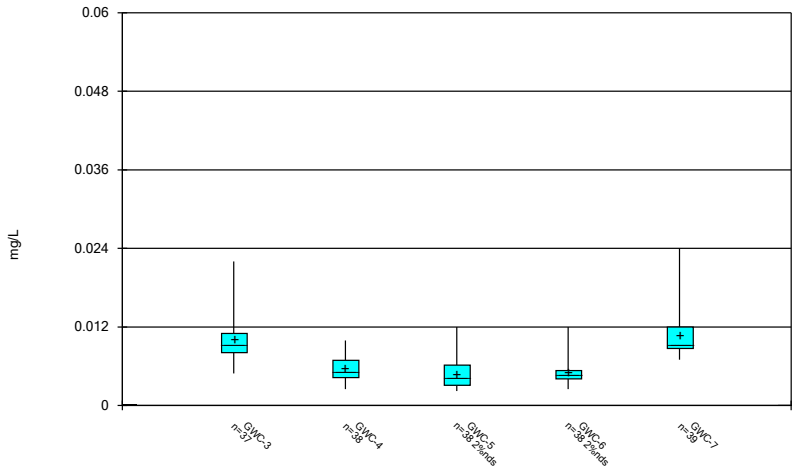
Box & Whiskers Plot



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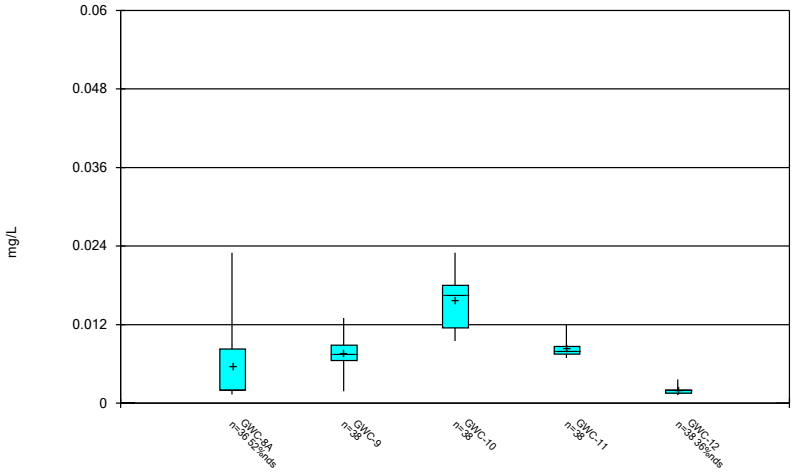

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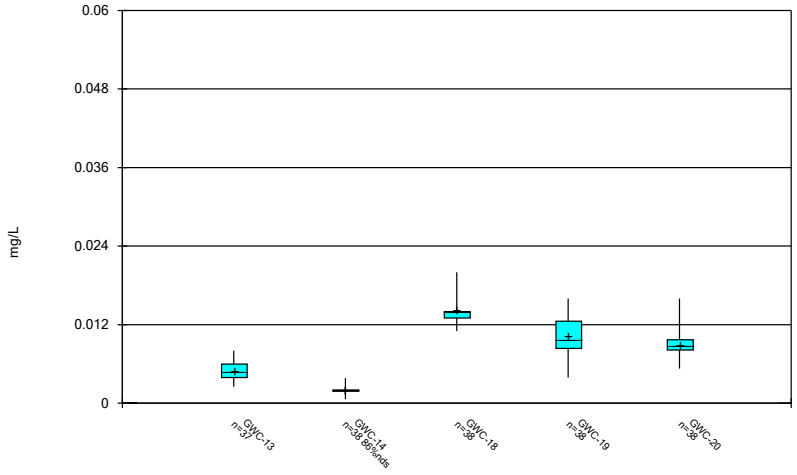

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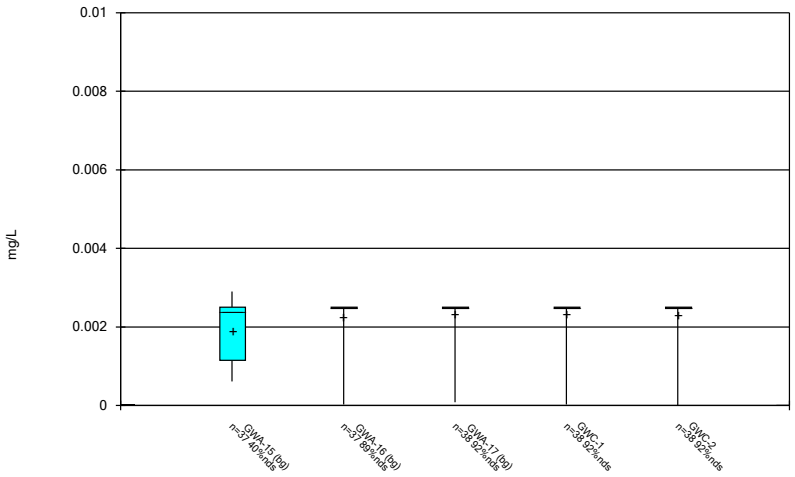

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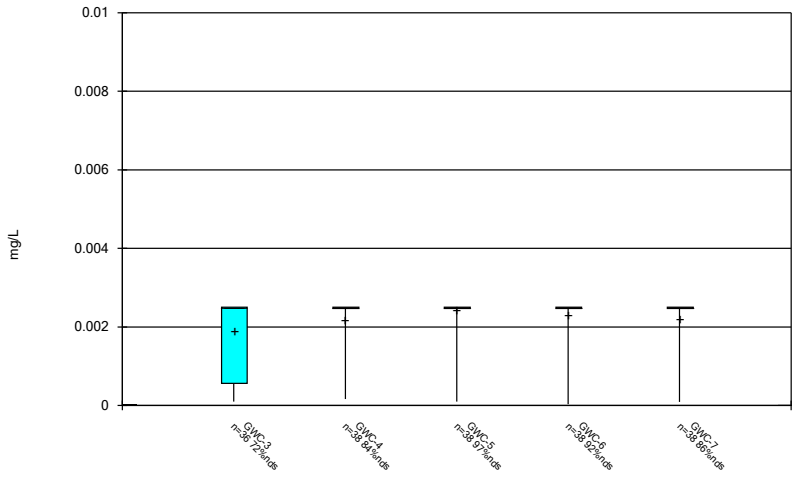
Box & Whiskers Plot



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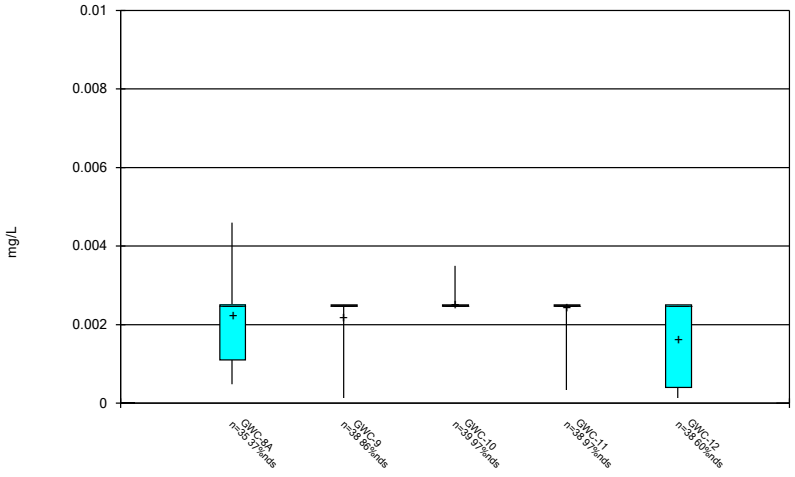

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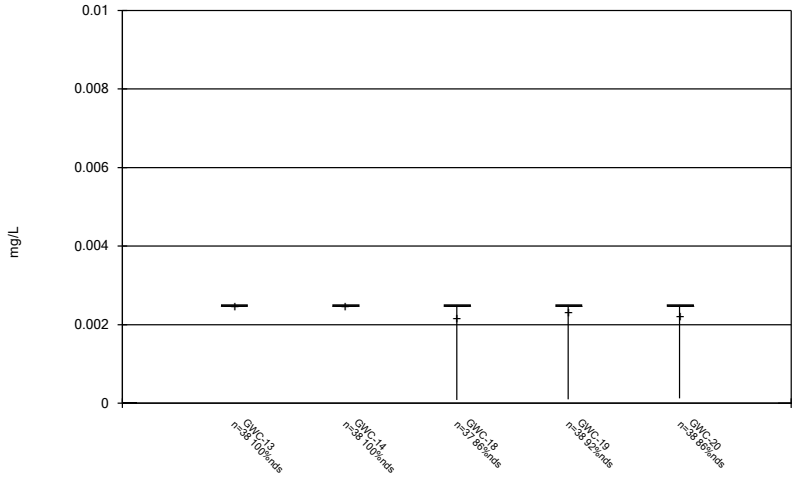

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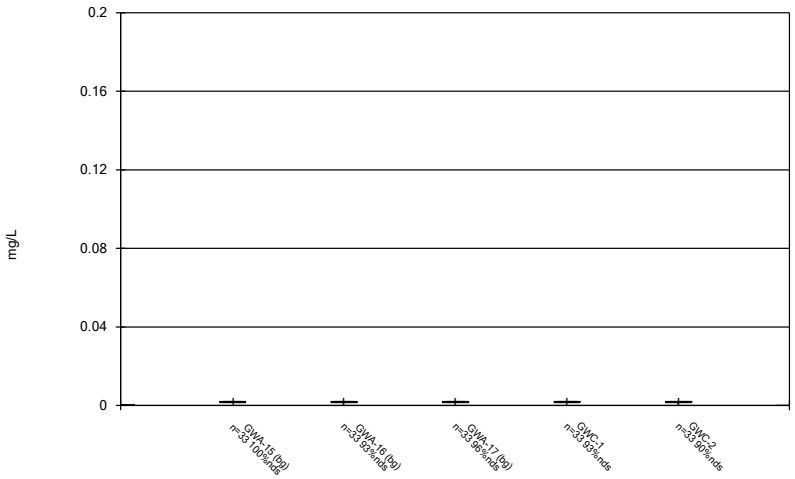

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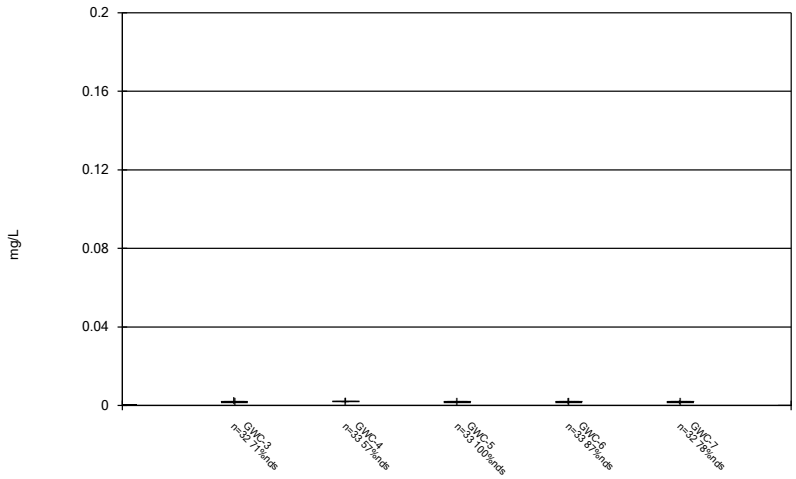

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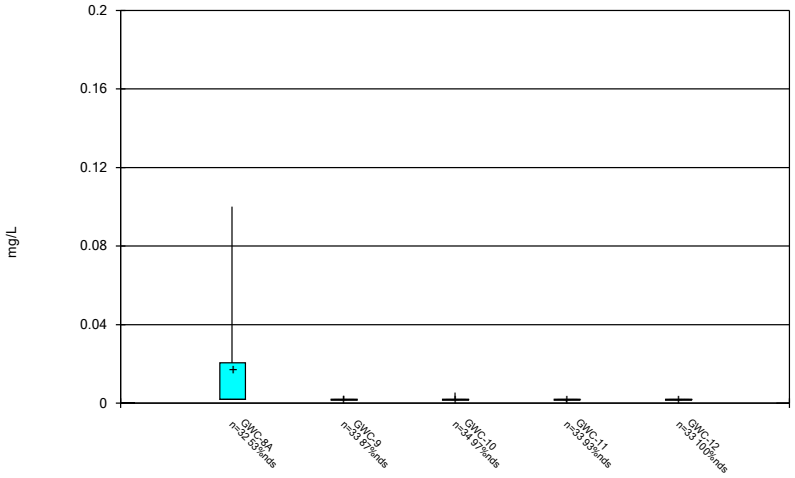

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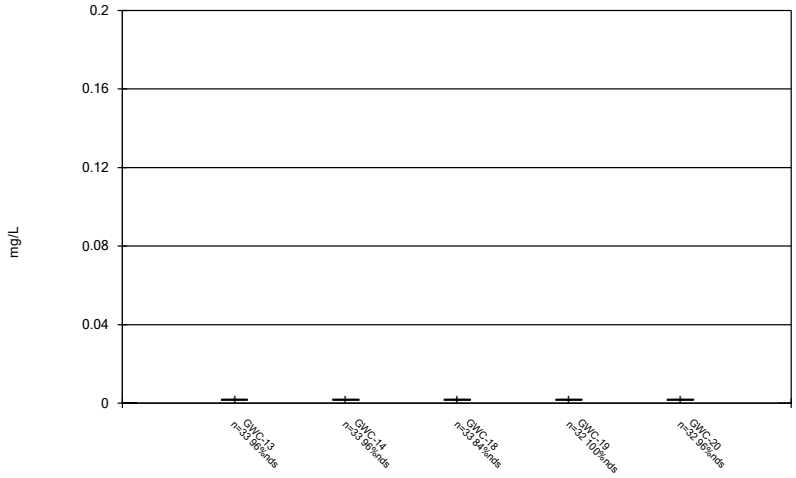

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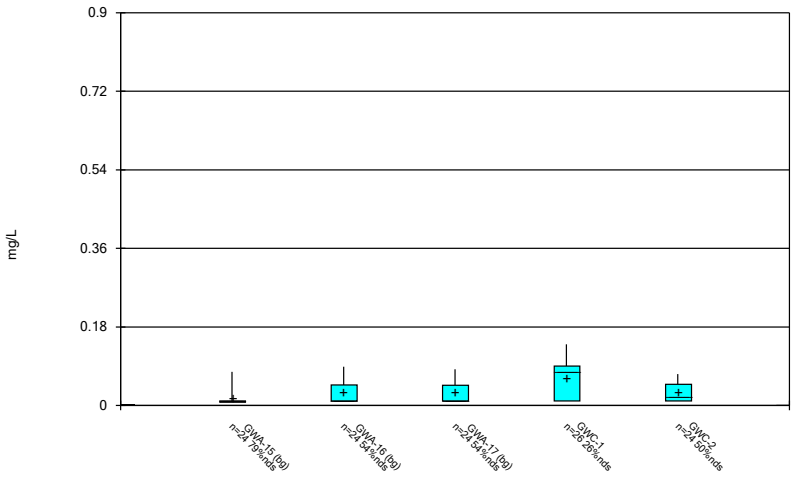

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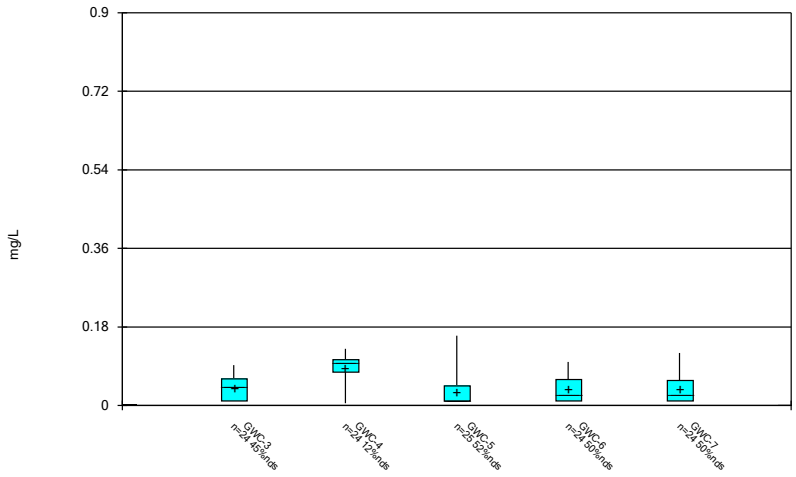

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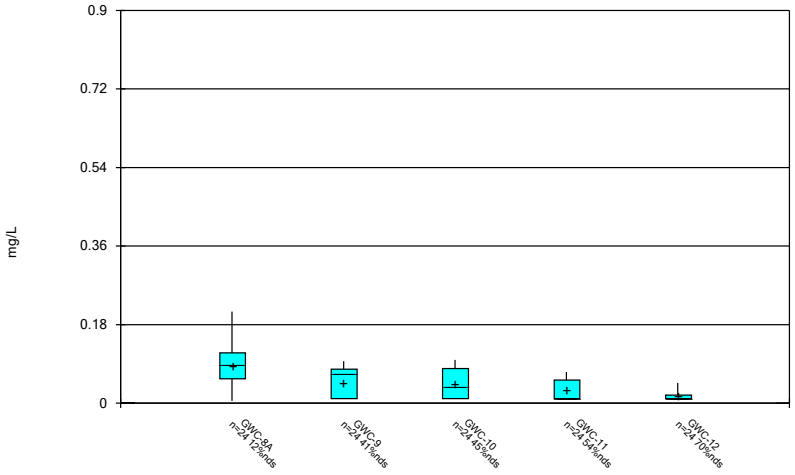

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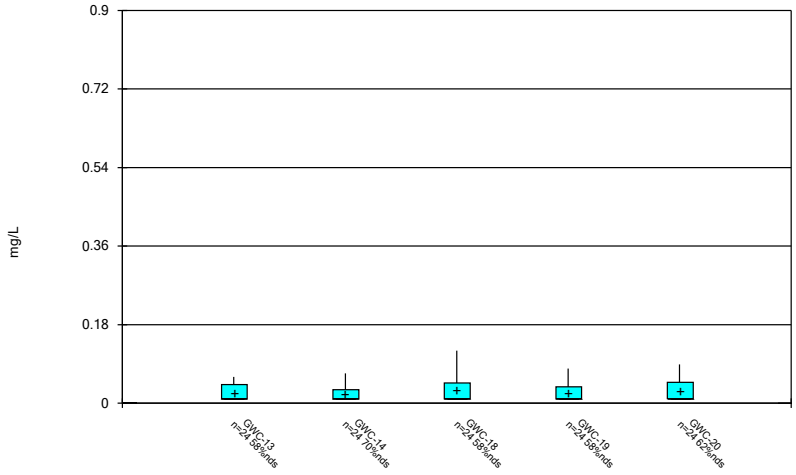

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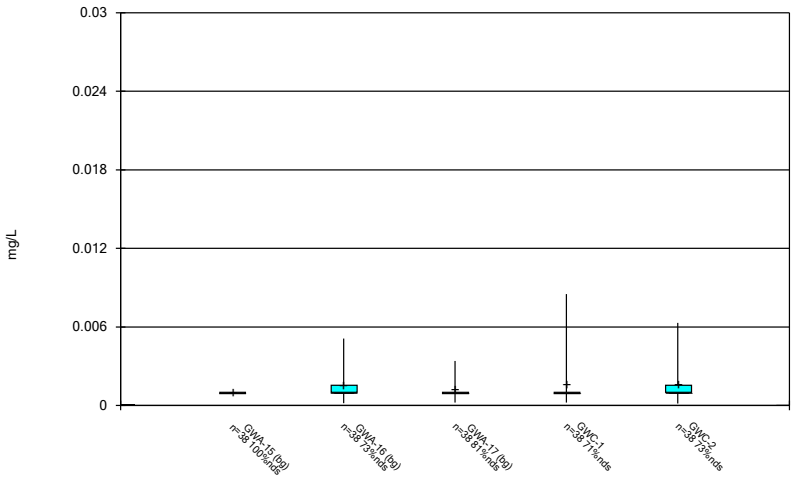

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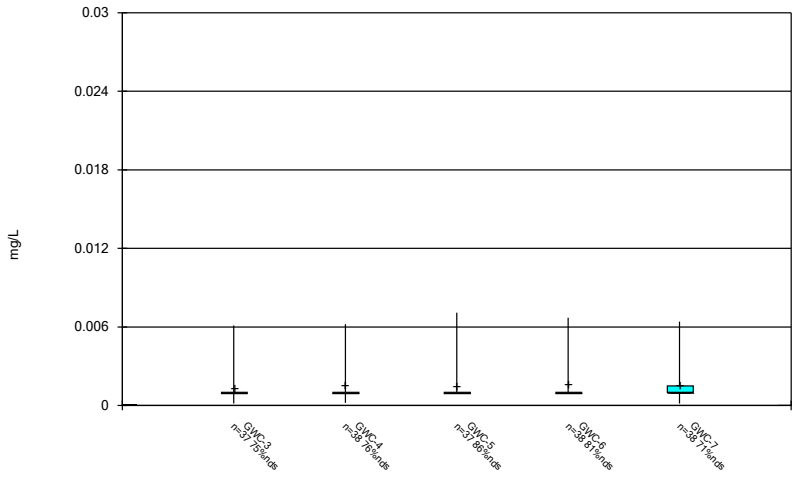

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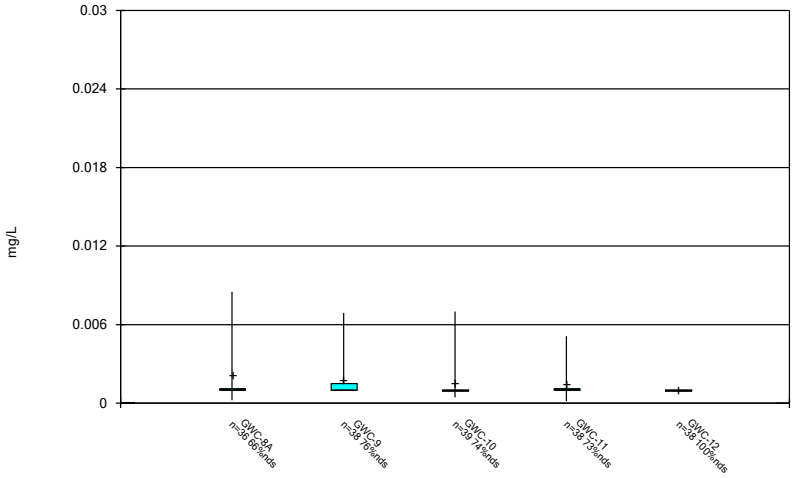

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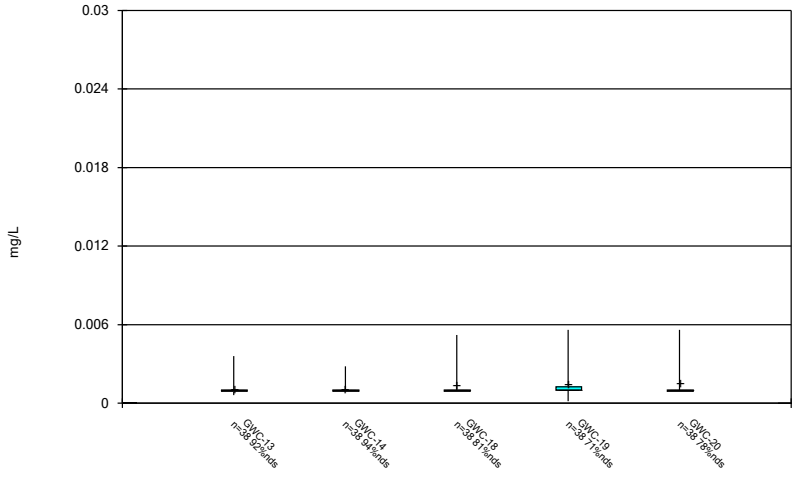

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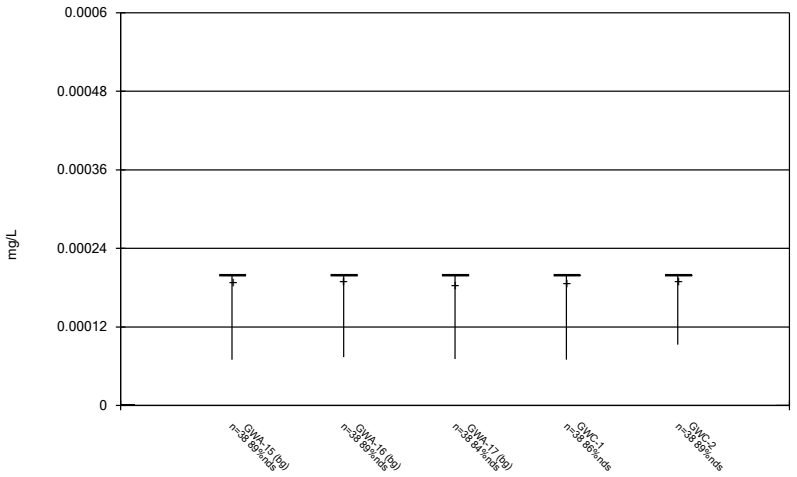

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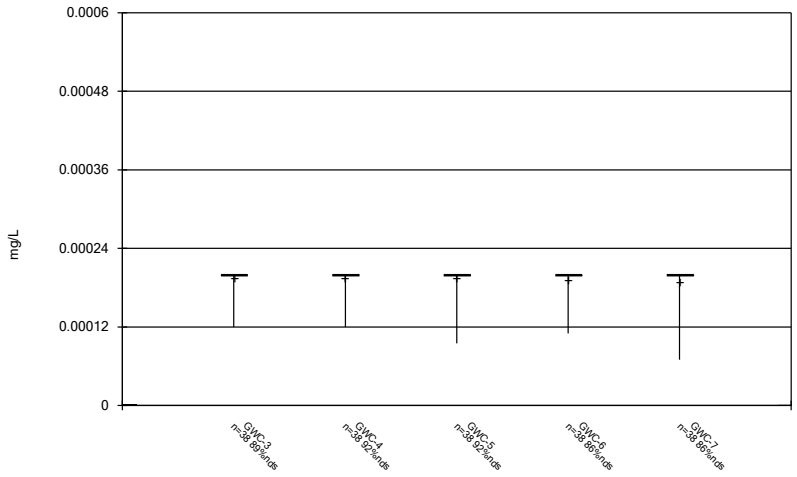

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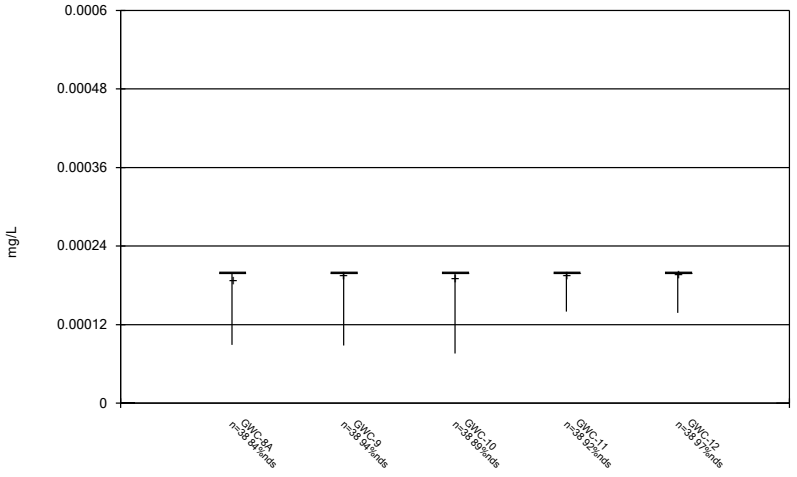

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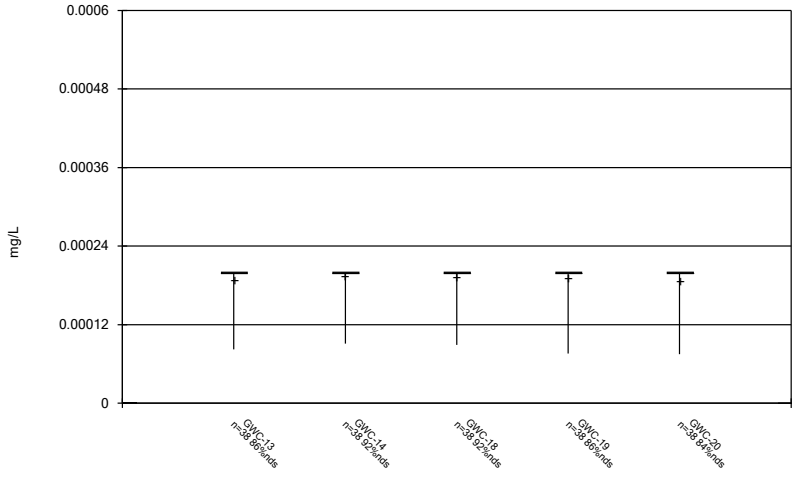

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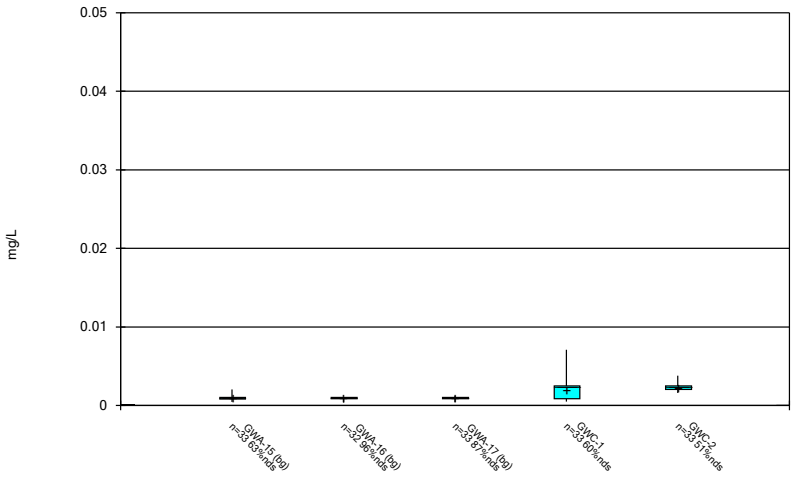

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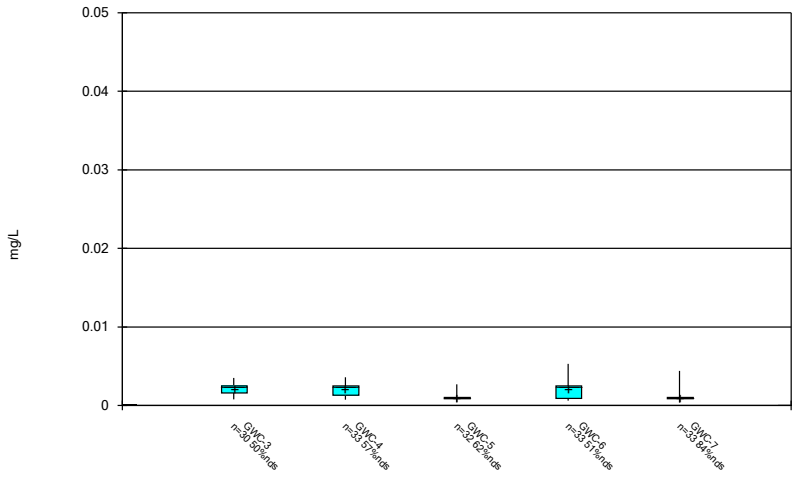

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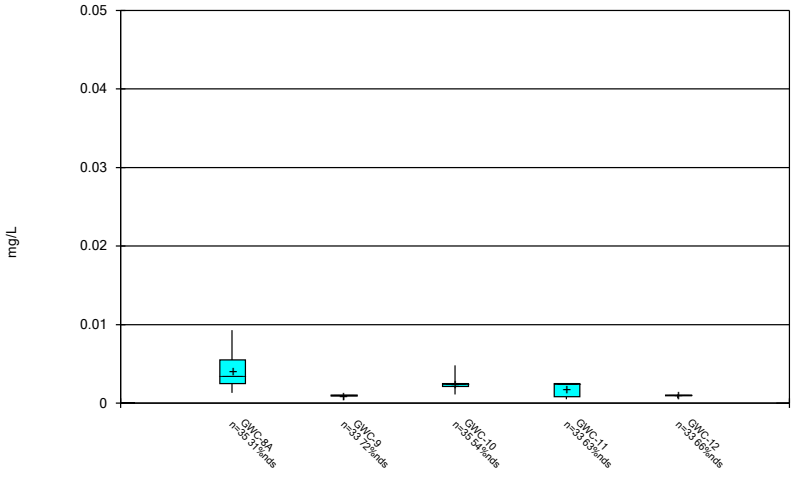

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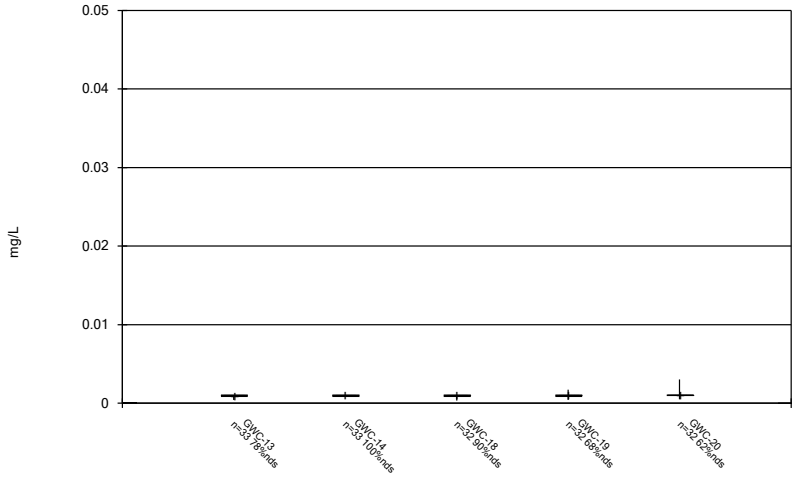

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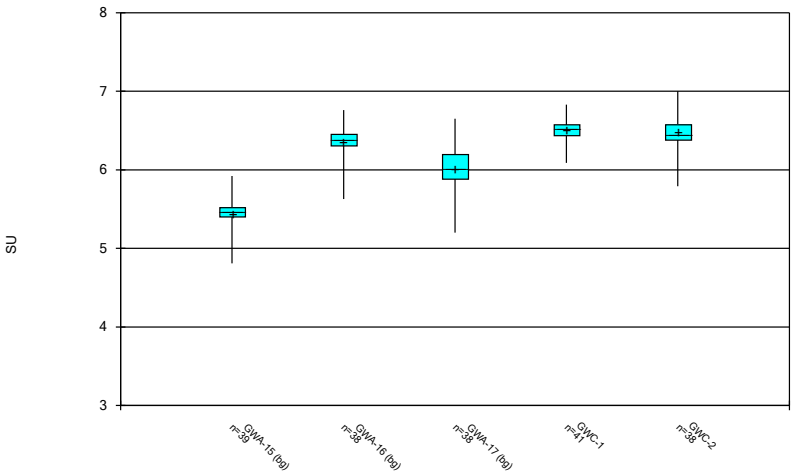
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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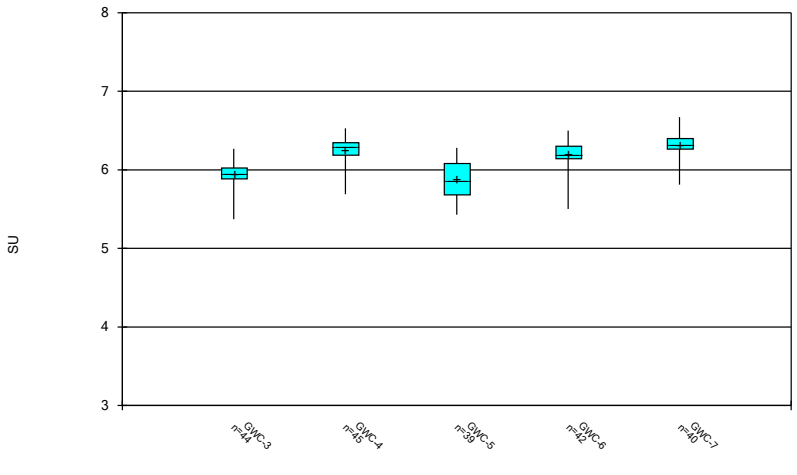
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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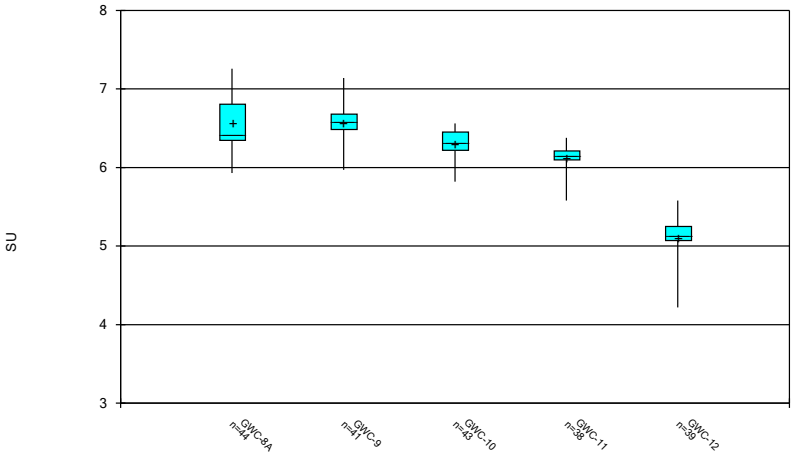
Box & Whiskers Plot



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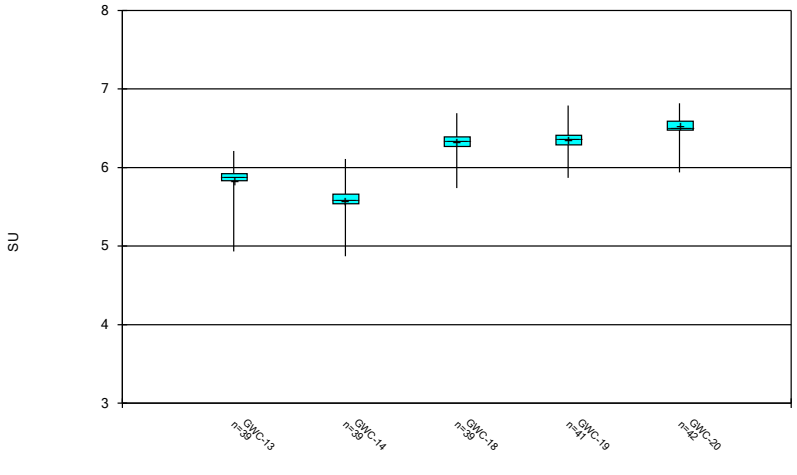
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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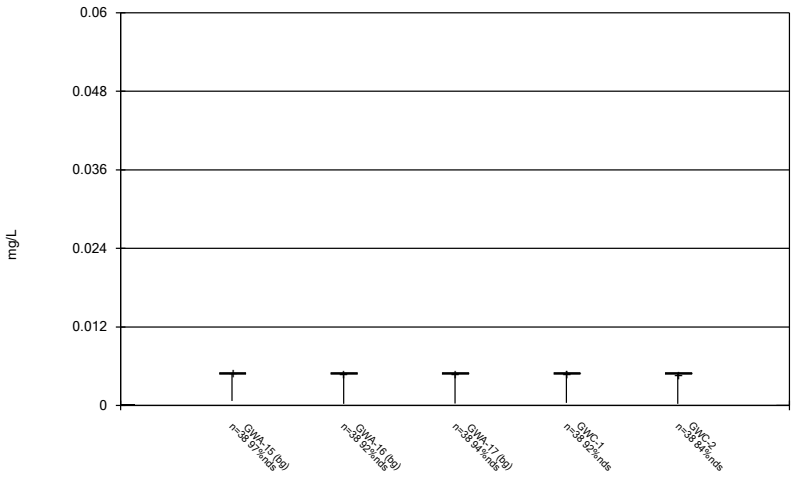
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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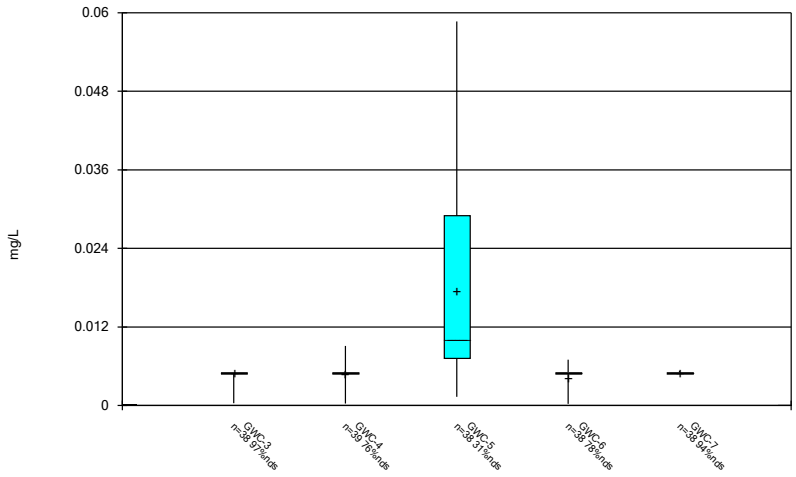
Box & Whiskers Plot



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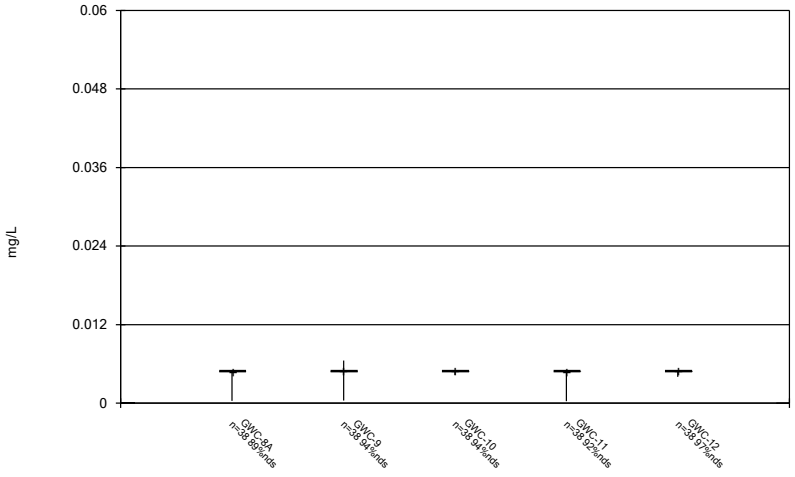
Box & Whiskers Plot



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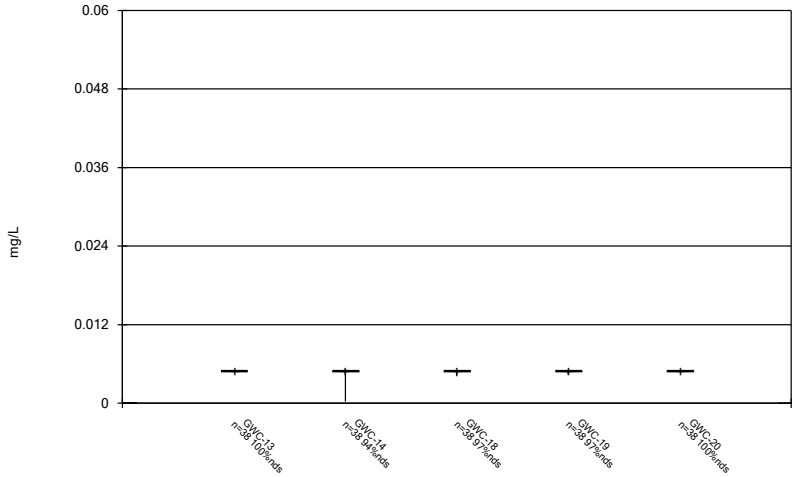
Box & Whiskers Plot



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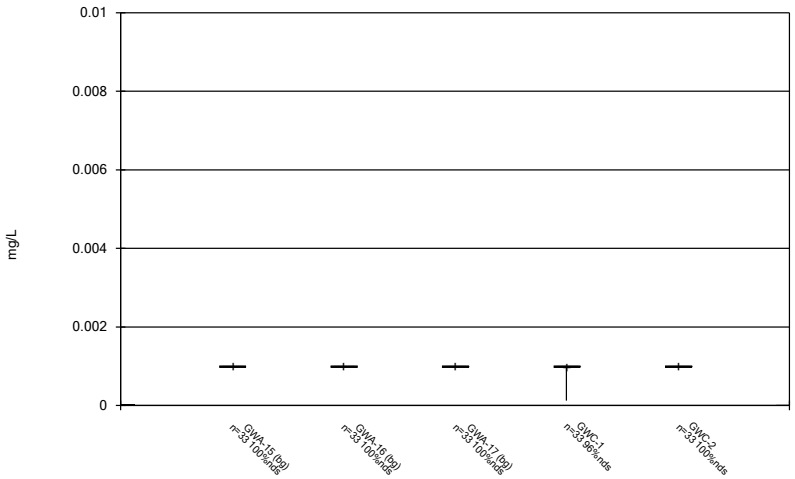
Box & Whiskers Plot



Constituent: Silver Analysis Run 6/18/2025 3:54 PM

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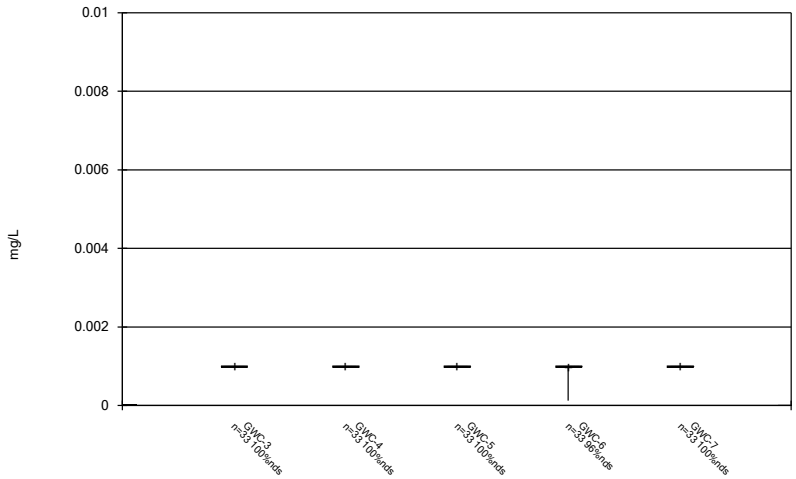
Box & Whiskers Plot

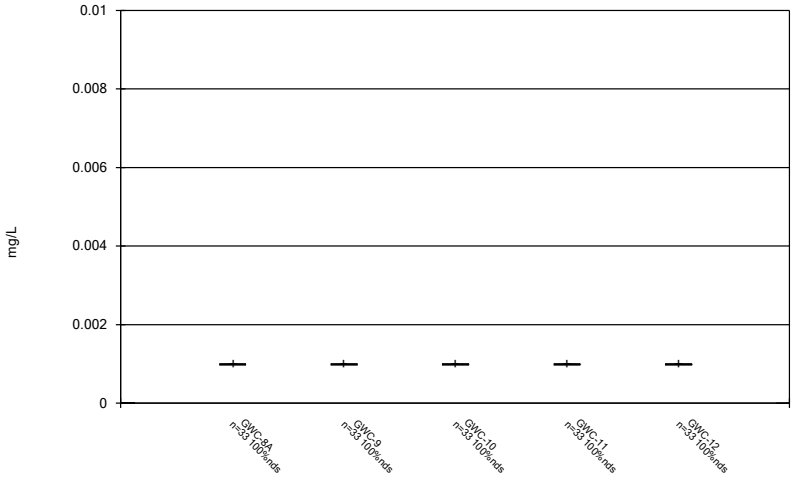


Constituent: Silver Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

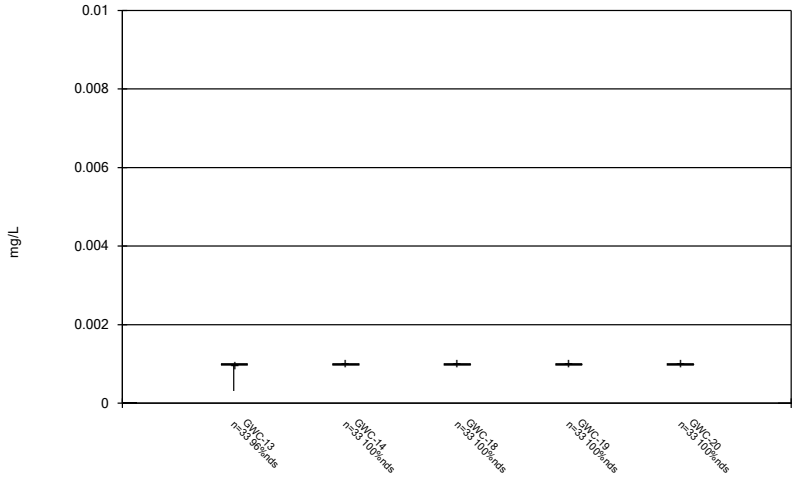


Constituent: Silver Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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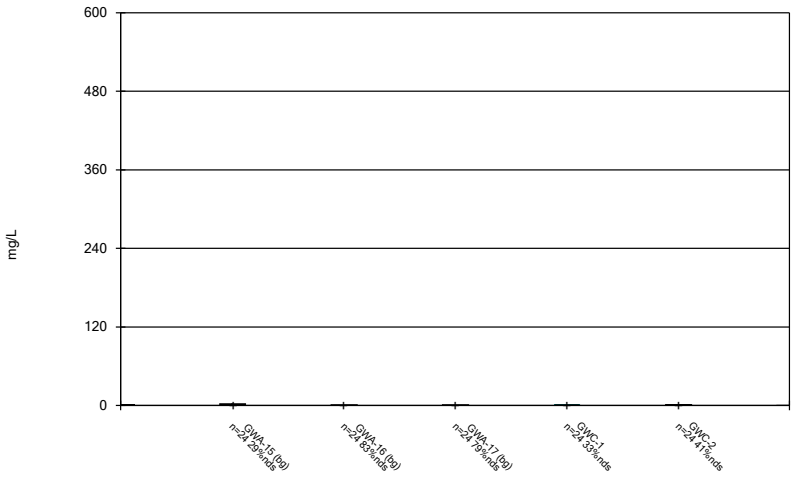
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/18/2025 3:54 PM

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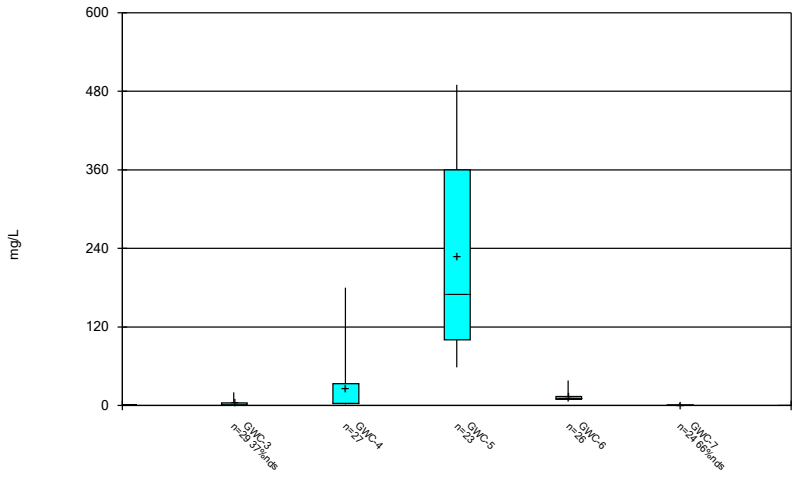
Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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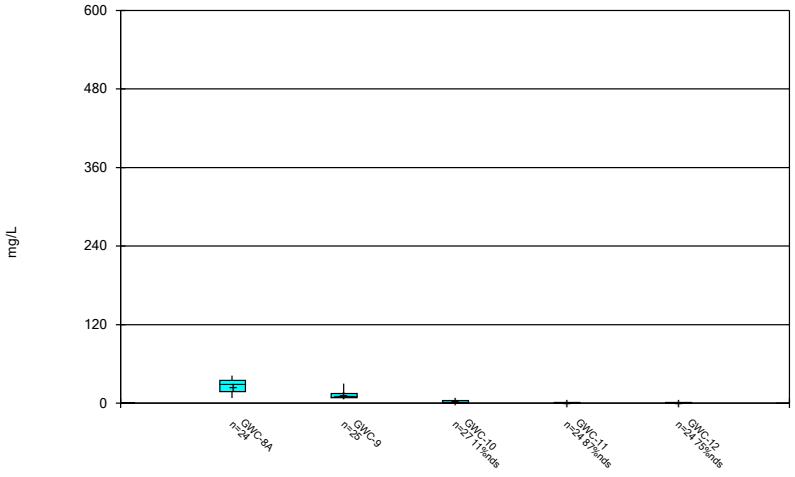
Box & Whiskers Plot



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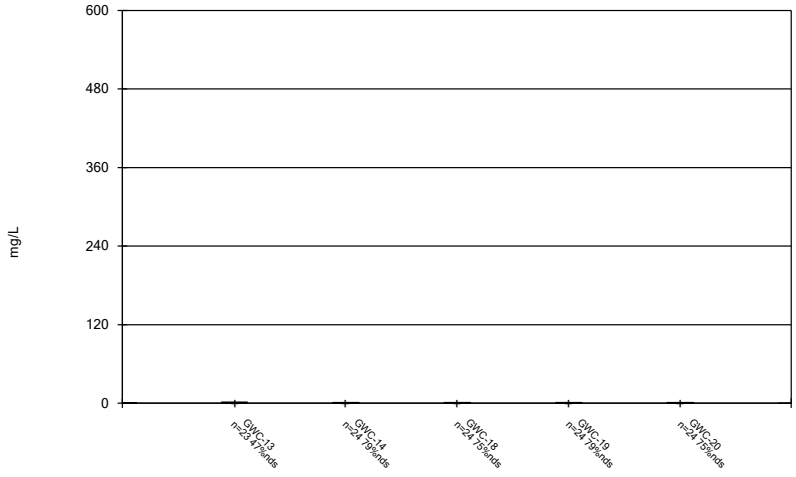
Box & Whiskers Plot



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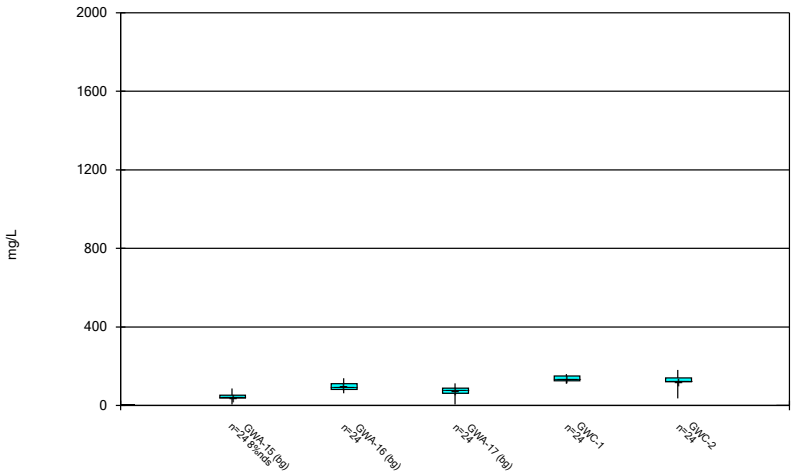
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: TDS Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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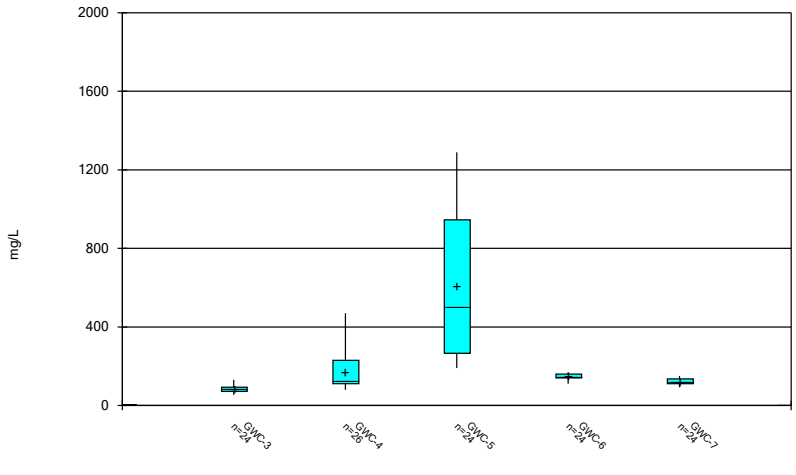
Box & Whiskers Plot



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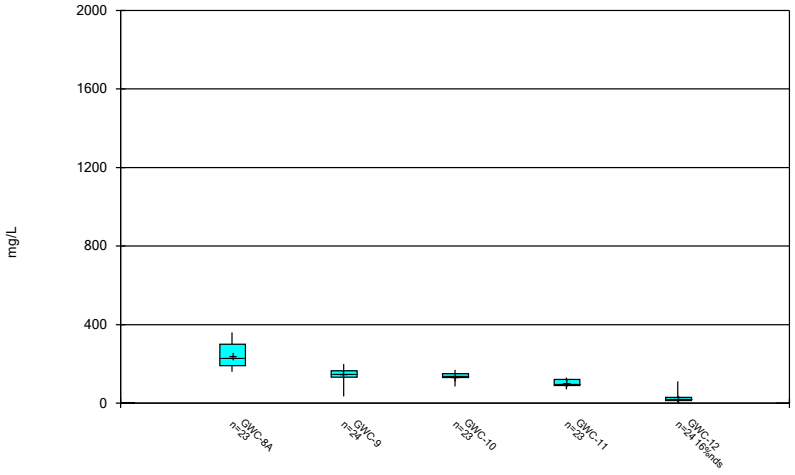
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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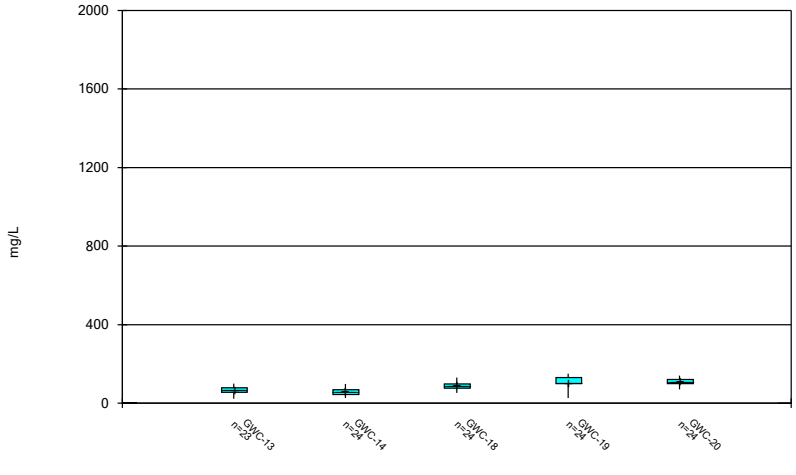
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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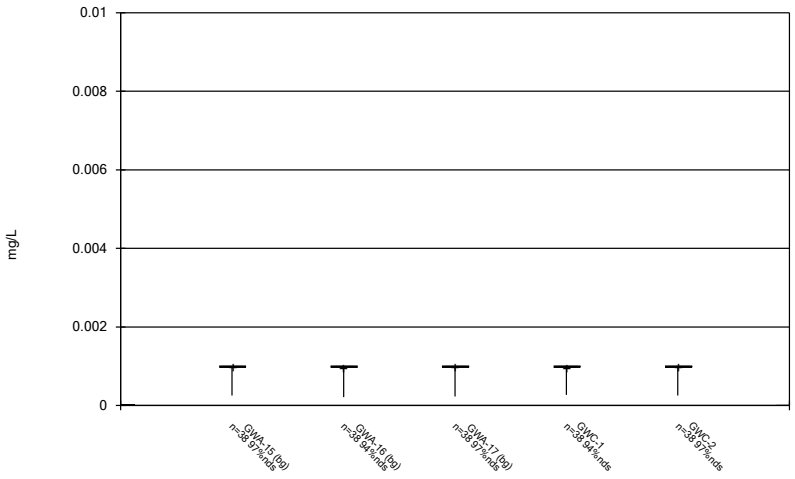
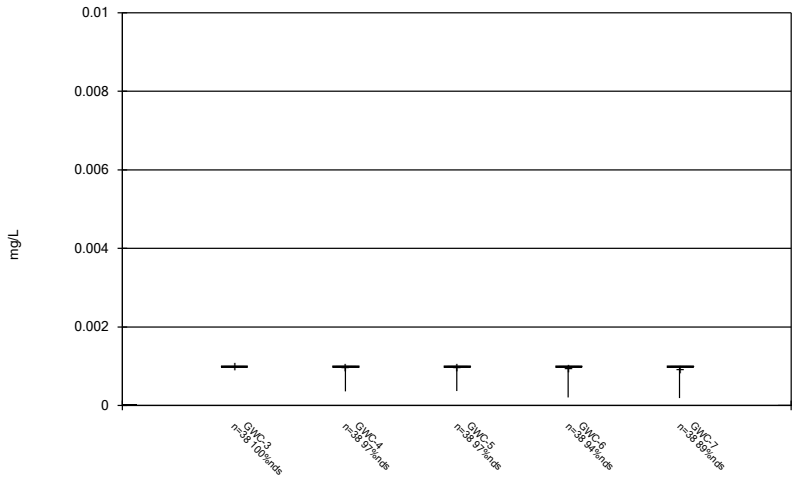
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/18/2025 3:54 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

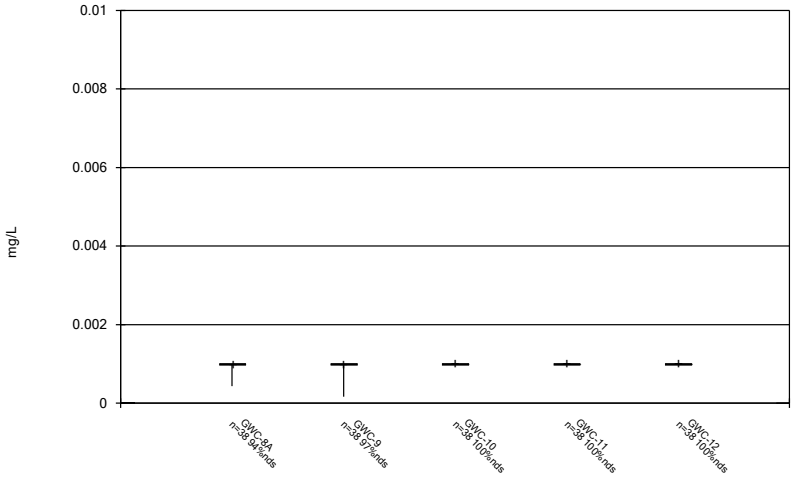
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/18/2025 3:54 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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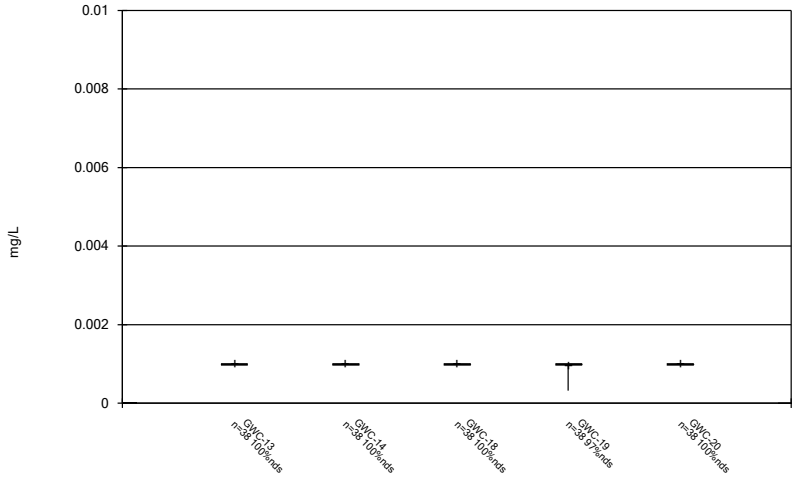
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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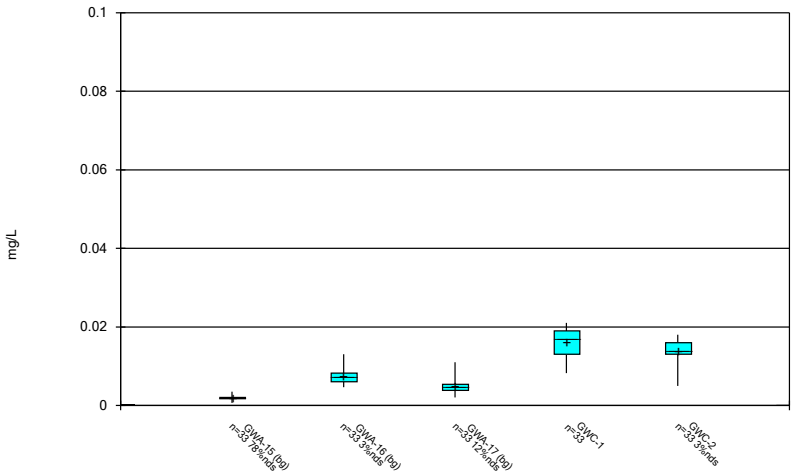
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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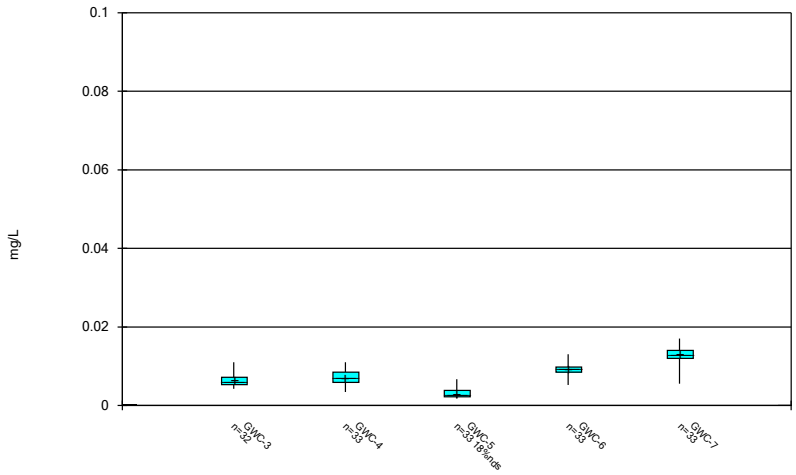
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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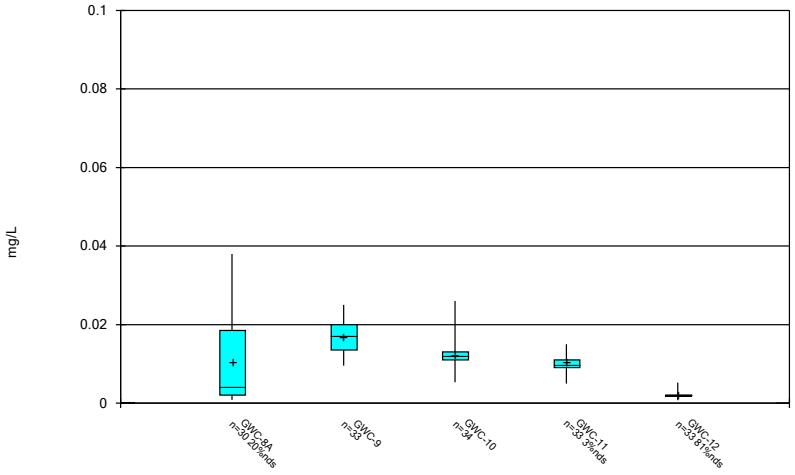
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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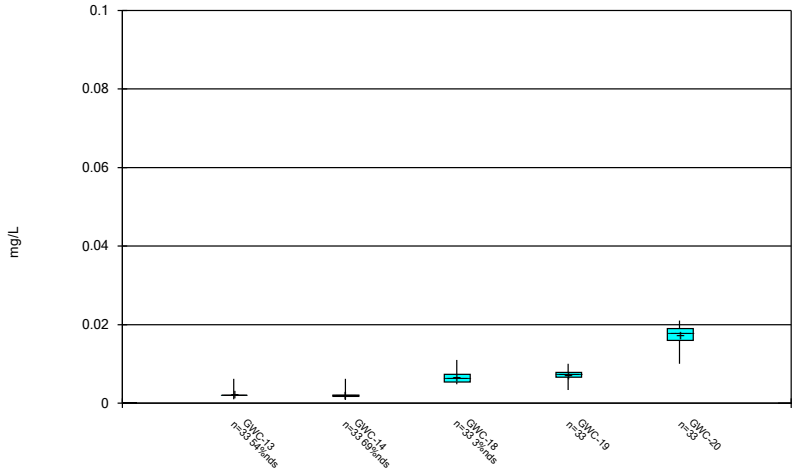
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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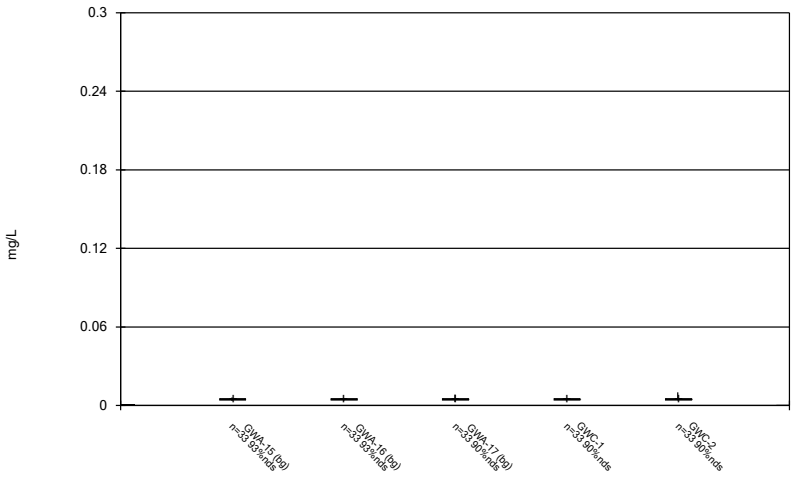
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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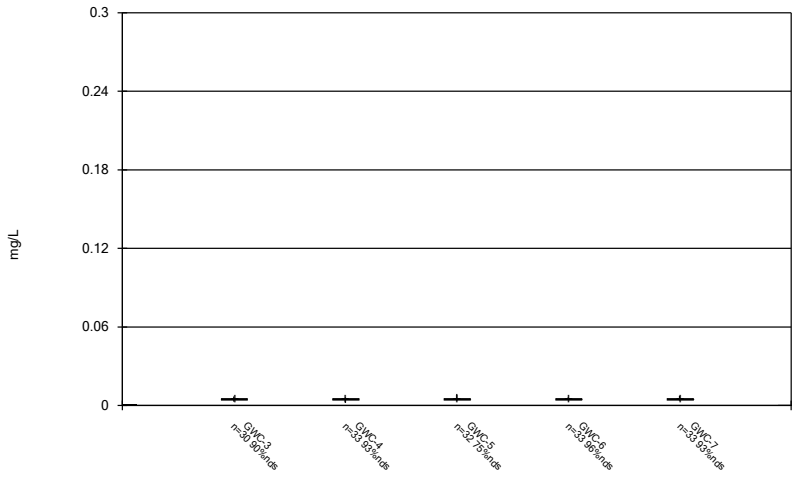
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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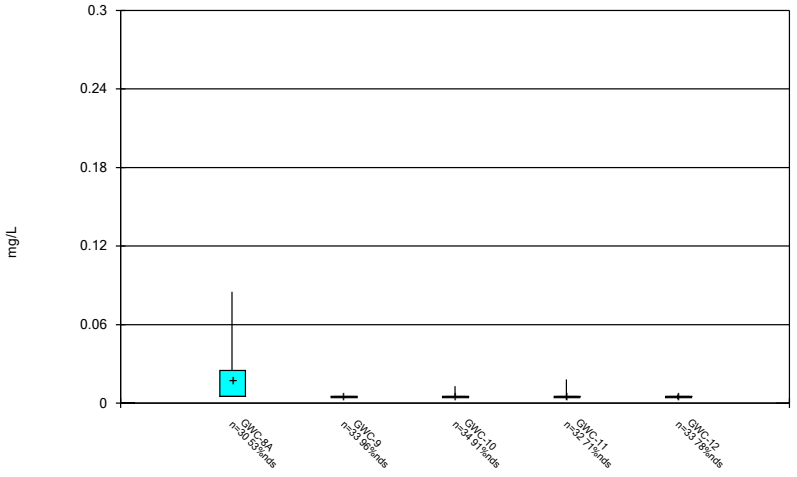
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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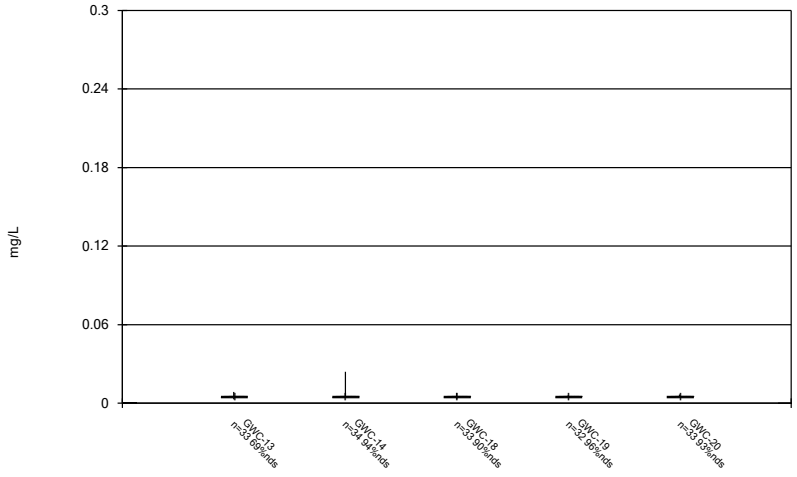
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-3 Barium (mg/L)	GWC-14 Barium (mg/L)	GWC-5 Calcium (mg/L)	GWC-5 Chloride (mg/L)	GWC-3 Chromium (mg/L)	GWC-8A Chromium (mg/L)	GWC-10 Chromium (mg/L)	GWC-13 Chromium (mg/L)	GWA-15 Cobalt (mg/L)	GWA-16 Cobalt (mg/L)
5/11/2010	0.039 (Jo)									
6/18/2010										
7/28/2010	0.071 (JO)				0.028 (O)					
9/7/2010										
4/28/2011										
4/29/2011										0.003 (JO)
4/30/2011										
10/28/2011		0.0064 (JO)								
5/3/2012		0.0054 (JO)								
5/4/2012						0.059 (o)				
5/10/2013						0.038 (O)				
11/13/2014										
5/22/2015										
5/24/2015										
4/6/2016									0.00261 (JO)	
4/19/2016			198 (o)	124 (O)						
6/21/2016										
10/5/2016										
10/10/2016										
3/20/2018										
3/22/2018								0.028 (O)		
10/2/2018										
3/18/2020										
4/1/2021										
8/17/2021							0.042 (o)			
8/25/2022										
2/27/2023										
8/8/2023										
3/1/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-3 Cobalt (mg/L)	GWC-8A Cobalt (mg/L)	GWC-18 Cobalt (mg/L)	GWC-3 Copper (mg/L)	GWC-7 Copper (mg/L)	GWC-8A Copper (mg/L)	GWC-3 Lead (mg/L)	GWC-5 Lead (mg/L)	GWC-8A Lead (mg/L)	GWA-16 Nickel (mg/L)
5/11/2010							0.011 (O)			
6/18/2010					0.008 (JO)					
7/28/2010	0.0034 (JO)			0.012 (O)						
9/7/2010										
4/28/2011										
4/29/2011	0.0037 (JO)									
4/30/2011		0.0063 (JO)							0.011 (O)	
10/28/2011										
5/3/2012										
5/4/2012										
5/10/2013		0.0068 (JO)				0.18 (O)			0.023 (O)	
11/13/2014										
5/22/2015			0.0032 (JO)							
5/24/2015								0.0093 (JO)		
4/6/2016										
4/19/2016										
6/21/2016										
10/5/2016										
10/10/2016										
3/20/2018										0.04 (O)
3/22/2018		<0.0025 (O)								
10/2/2018										
3/18/2020										
4/1/2021										
8/17/2021										
8/25/2022										
2/27/2023										
8/8/2023										
3/1/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-1 Nickel (mg/L)	GWC-2 Nickel (mg/L)	GWC-3 Nickel (mg/L)	GWC-5 Nickel (mg/L)	GWC-7 Nickel (mg/L)	GWC-9 Nickel (mg/L)	GWC-10 Nickel (mg/L)	GWC-14 Nickel (mg/L)	GWC-18 Nickel (mg/L)	GWC-19 Nickel (mg/L)
5/11/2010		0.0033 (JO)								
6/18/2010										
7/28/2010			0.019 (O)							
9/7/2010			0.0093 (O)							
4/28/2011	0.0086 (O)									
4/29/2011										
4/30/2011										
10/28/2011										
5/3/2012										
5/4/2012										
5/10/2013			0.0081 (O)							
11/13/2014										
5/22/2015									0.0045 (JO)	0.01 (O)
5/24/2015				0.006 (O)						
4/6/2016										
4/19/2016										
6/21/2016										
10/5/2016										
10/10/2016										
3/20/2018										
3/22/2018										
10/2/2018										
3/18/2020										
4/1/2021										
8/17/2021							0.0094 (o)			
8/25/2022						0.0042 (o)				
2/27/2023					0.01 (o)					
8/8/2023										
3/1/2024								0.0081 (o)		

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-20 Nickel (mg/L)	GWC-2 pH, Field (SU)	GWC-3 pH, Field (SU)	GWC-19 pH, Field (SU)	GWC-5 Sulfate (mg/L)	GWC-13 Sulfate (mg/L)	GWC-8A TDS (mg/L)	GWC-10 TDS (mg/L)	GWC-11 TDS (mg/L)	GWC-13 TDS (mg/L)
5/11/2010										
6/18/2010										
7/28/2010										
9/7/2010										
4/28/2011										
4/29/2011										
4/30/2011										
10/28/2011										
5/3/2012										
5/4/2012										
5/10/2013										
11/13/2014										
5/22/2015	0.0063 (O)									
5/24/2015										
4/6/2016										
4/19/2016					575 (O)					
6/21/2016								214 (O)	293 (O)	195 (O)
10/5/2016			5.1 (O)	5.78 (O)						
10/10/2016							110 (O)			
3/20/2018										
3/22/2018										
10/2/2018										
3/18/2020						25 (O)				
4/1/2021		7.32 (O)								
8/17/2021										
8/25/2022										
2/27/2023										
8/8/2023							910 (o)			
3/1/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-3 Vanadium (mg/L)	GWC-8A Vanadium (mg/L)	GWC-3 Zinc (mg/L)	GWC-5 Zinc (mg/L)	GWC-8A Zinc (mg/L)	GWC-11 Zinc (mg/L)	GWC-19 Zinc (mg/L)
5/11/2010			0.018 (JO)				
6/18/2010							
7/28/2010	0.019 (O)		0.016 (JO)				
9/7/2010							
4/28/2011							
4/29/2011							
4/30/2011		0.053 (O)			0.13 (O)		
10/28/2011							
5/3/2012							
5/4/2012							
5/10/2013		0.09 (O)			0.23 (O)		
11/13/2014		0.065 (O)			0.13 (O)		
5/22/2015							
5/24/2015							
4/6/2016							
4/19/2016				0.0133 (O)			
6/21/2016							
10/5/2016			0.01 (JO)				0.0085 (JO)
10/10/2016							
3/20/2018							
3/22/2018							
10/2/2018						0.022 (O)	
3/18/2020							
4/1/2021							
8/17/2021							
8/25/2022							
2/27/2023							
8/8/2023							
3/1/2024							

Tukey's Outlier Test - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium (mg/L)	GWC-3	Yes	0.039,0.071	NP	NaN	37	0.01884	0.01004	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-16 (bg)	Yes	2.1	NP	NaN	23	1.656	0.1436	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-6	Yes	0.012	NP	NaN	37	0.005195	0.001901	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-13	Yes	0.028	NP	NaN	37	0.005586	0.004026	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-18	Yes	0.018,0.02	NP	NaN	37	0.01421	0.001798	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-4	Yes	0.0033,0.0037,0.0031,0.0032,0.0039,0.0011,0.0011,	NP	NaN	32	0.002166	0.0006389	ln(x)	ShapiroWilk
Lead (mg/L)	GWA-16 (bg)	Yes	0.0051,0.0039,0.00016	NP	NaN	37	0.001515	0.001076	x^(1/3)	ShapiroWilk
Lead (mg/L)	GWC-2	Yes	0.0063,0.00014	NP	NaN	37	0.001623	0.001308	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-7	Yes	0.0037,0.0037,0.0064,0.0053,0.00017,0.00014	NP	NaN	37	0.001562	0.001328	x^(1/3)	ShapiroWilk
Lead (mg/L)	GWC-9	Yes	0.0043,0.0067,0.0069,0.0044	NP	NaN	37	0.001749	0.001569	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-10	Yes	0.007,0.0048	NP	NaN	38	0.001548	0.001281	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-11	Yes	0.0032,0.0027,0.0025,0.0051,0.0037,0.0037,0.0038,	NP	NaN	37	0.001479	0.00108	x^(1/3)	ShapiroWilk
Lead (mg/L)	GWC-19	Yes	0.0029,0.0056,0.0035,0.0047,0.0044,0.00014	NP	NaN	37	0.001512	0.001193	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-15 (bg)	Yes	0.00202,0.00043,0.00069,0.00049,0.00051,0.00065,0	NP	NaN	32	0.0009378	0.0002666	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-3	Yes	0.019,0.0093,0.0081	NP	NaN	32	0.003081	0.00338	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-5	Yes	0.006,0.00268,0.0018,0.0019,0.00039,0.00042,0.000	NP	NaN	32	0.001151	0.0009875	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-9	Yes	0.00046,0.00058,0.00045,0.0042,0.00042	NP	NaN	33	0.0009955	0.0006054	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-10	Yes	0.0012,0.0094,0.0048	NP	NaN	35	0.002612	0.001316	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-20	Yes	0.003,0.0063,0.002,0.00048,0.00056,0.00055,0.0007	NP	NaN	32	0.001182	0.001032	ln(x)	ShapiroWilk
pH, Field (SU)	GWA-16 (bg)	Yes	5.63	NP	NaN	37	6.347	0.18	x^6	ShapiroWilk
pH, Field (SU)	GWC-3	Yes	5.1	NP	NaN	43	5.935	0.2087	x^6	ShapiroWilk
pH, Field (SU)	GWC-6	Yes	5.52,5.5	NP	NaN	40	6.181	0.1892	x^6	ShapiroWilk
pH, Field (SU)	GWC-11	Yes	5.58,5.64	NP	NaN	37	6.113	0.1825	x^6	ShapiroWilk
pH, Field (SU)	GWC-13	Yes	4.93,5.1,6.21	NP	NaN	38	5.836	0.2194	x^6	ShapiroWilk
pH, Field (SU)	GWC-14	Yes	4.87,6.11	NP	NaN	38	5.576	0.2121	x^5	ShapiroWilk
pH, Field (SU)	GWC-18	Yes	5.76,5.74	NP	NaN	38	6.307	0.1667	x^6	ShapiroWilk
pH, Field (SU)	GWC-19	Yes	5.78,6.79	NP	NaN	40	6.339	0.1919	x^6	ShapiroWilk
pH, Field (SU)	GWC-20	Yes	6.05,5.94	NP	NaN	41	6.517	0.1629	x^6	ShapiroWilk
TDS (mg/L)	GWC-11	Yes	293	NP	NaN	23	109.7	42.96	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-6	Yes	0.013	NP	NaN	32	0.009105	0.00163	normal	ShapiroWilk
Vanadium (mg/L)	GWC-10	Yes	0.0053,0.026	NP	NaN	33	0.01243	0.00317	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.001973	0.0001644	unknown	ShapiroWilk
Antimony (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.001938	0.0002812	unknown	ShapiroWilk
Antimony (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.001932	0.0003145	unknown	ShapiroWilk
Antimony (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.001962	0.0002334	unknown	ShapiroWilk
Antimony (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-6	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.001951	0.0002959	unknown	ShapiroWilk
Antimony (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-10	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-12	n/a	n/a	NP	NaN	37	0.001963	0.0002226	unknown	ShapiroWilk
Antimony (mg/L)	GWC-13	n/a	n/a	NP	NaN	37	0.001954	0.0002795	unknown	ShapiroWilk
Antimony (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.001907	0.0003939	unknown	ShapiroWilk
Antimony (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.00195	0.0003058	unknown	ShapiroWilk
Antimony (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Barium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.01008	0.0009257	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	37	0.02586	0.003293	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	37	0.03288	0.00595	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.04696	0.004028	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-2	No	n/a	NP	NaN	37	0.04567	0.003677	x^2	ShapiroWilk
Barium (mg/L)	**GWC-3**	**Yes**	**0.039,0.071**	**NP**	**NaN**	**37**	**0.01884**	**0.01004**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWC-4	No	n/a	NP	NaN	38	0.04588	0.01761	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.04138	0.02517	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-6	No	n/a	NP	NaN	37	0.05372	0.004755	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-7	No	n/a	NP	NaN	37	0.03318	0.004082	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.04361	0.02263	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.02382	0.005327	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-10	No	n/a	NP	NaN	38	0.02835	0.00506	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.01684	0.001445	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.01643	0.001804	x^2	ShapiroWilk
Barium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.03275	0.006592	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.009692	0.001428	x^2	ShapiroWilk
Barium (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.03533	0.00231	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-19	No	n/a	NP	NaN	37	0.021	0.005892	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.03092	0.002564	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.002489	0.00006576	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-2	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.002434	0.0004015	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.002433	0.0004072	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.002438	0.0003748	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.002433	0.0004057	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.002437	0.0003814	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.002443	0.0003485	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-10	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Beryllium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-19	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Boron (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	23	0.07448	0.01872	unknown	ShapiroWilk
Boron (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	23	0.08	0	normal	ShapiroWilk
Boron (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	23	0.07664	0.0161	unknown	ShapiroWilk
Boron (mg/L)	GWC-1	n/a	n/a	NP	NaN	23	0.07554	0.0165	unknown	ShapiroWilk
Boron (mg/L)	GWC-2	n/a	n/a	NP	NaN	23	0.07419	0.01947	unknown	ShapiroWilk
Boron (mg/L)	GWC-3	n/a	n/a	NP	NaN	23	0.0765	0.01635	unknown	ShapiroWilk
Boron (mg/L)	GWC-4	n/a	n/a	NP	NaN	24	0.07644	0.02241	unknown	ShapiroWilk
Boron (mg/L)	GWC-5	No	n/a	NP	NaN	23	0.2856	0.1197	normal	ShapiroWilk
Boron (mg/L)	GWC-6	n/a	n/a	NP	NaN	24	0.07767	0.00901	unknown	ShapiroWilk
Boron (mg/L)	GWC-7	n/a	n/a	NP	NaN	23	0.07556	0.01682	unknown	ShapiroWilk
Boron (mg/L)	GWC-8A	No	n/a	NP	NaN	23	0.1811	0.0471	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-9	No	n/a	NP	NaN	23	0.08873	0.01896	x^(1/3)	ShapiroWilk
Boron (mg/L)	GWC-10	n/a	n/a	NP	NaN	24	0.07895	0.01688	unknown	ShapiroWilk
Boron (mg/L)	GWC-11	n/a	n/a	NP	NaN	23	0.07675	0.01558	unknown	ShapiroWilk
Boron (mg/L)	GWC-12	n/a	n/a	NP	NaN	23	0.07452	0.01829	unknown	ShapiroWilk
Boron (mg/L)	GWC-13	n/a	n/a	NP	NaN	23	0.07575	0.01596	unknown	ShapiroWilk
Boron (mg/L)	GWC-14	n/a	n/a	NP	NaN	23	0.07702	0.01428	unknown	ShapiroWilk
Boron (mg/L)	GWC-18	n/a	n/a	NP	NaN	23	0.07663	0.01618	unknown	ShapiroWilk
Boron (mg/L)	GWC-19	n/a	n/a	NP	NaN	23	0.07663	0.01614	unknown	ShapiroWilk
Boron (mg/L)	GWC-20	n/a	n/a	NP	NaN	24	0.07613	0.02118	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.002436	0.0003896	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.002443	0.0003485	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-3	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-4	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-6	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-7	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.002153	0.000705	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-10	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-11	n/a	n/a	NP	NaN	37	0.002459	0.0002466	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-19	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Calcium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	23	4.201	0.4501	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	23	12	1.415	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	23	7.203	1.099	normal	ShapiroWilk
Calcium (mg/L)	GWC-1	No	n/a	NP	NaN	23	17.34	1.209	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-2	No	n/a	NP	NaN	23	17.47	1.174	x^2	ShapiroWilk
Calcium (mg/L)	GWC-3	No	n/a	NP	NaN	23	7.67	1.362	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-4	No	n/a	NP	NaN	24	15.75	5.98	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-5	No	n/a	NP	NaN	23	82.26	49.49	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-6	No	n/a	NP	NaN	24	17.3	1.753	normal	ShapiroWilk
Calcium (mg/L)	GWC-7	No	n/a	NP	NaN	24	14.66	1.279	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Calcium (mg/L)	GWC-8A	No	n/a	NP	NaN	23	37.83	13.83	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-9	No	n/a	NP	NaN	25	17.91	1.984	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-10	No	n/a	NP	NaN	23	17.52	1.888	sqrt(x)	ShapiroWilk
Calcium (mg/L)	GWC-11	No	n/a	NP	NaN	23	12.93	0.9017	normal	ShapiroWilk
Calcium (mg/L)	GWC-12	No	n/a	NP	NaN	23	1.11	0.1658	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-13	No	n/a	NP	NaN	23	6.802	0.9074	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-14	No	n/a	NP	NaN	23	6.673	0.6347	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-18	No	n/a	NP	NaN	23	10.43	0.6471	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-19	No	n/a	NP	NaN	25	13.92	3.488	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-20	No	n/a	NP	NaN	23	14.07	1.448	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	23	5.797	0.6519	ln(x)	ShapiroWilk
Chloride (mg/L)	**GWA-16 (bg)**	**Yes**	**2.1**	**NP**	**NaN**	**23**	**1.656**	**0.1436**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	23	1.508	0.1876	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-1	No	n/a	NP	NaN	23	3.844	0.3272	x^4	ShapiroWilk
Chloride (mg/L)	GWC-2	No	n/a	NP	NaN	23	2.18	0.2078	normal	ShapiroWilk
Chloride (mg/L)	GWC-3	No	n/a	NP	NaN	23	3.119	0.2958	x^3	ShapiroWilk
Chloride (mg/L)	GWC-4	No	n/a	NP	NaN	25	11.1	6.573	x^(1/3)	ShapiroWilk
Chloride (mg/L)	GWC-5	No	n/a	NP	NaN	23	46.79	35.47	sqrt(x)	ShapiroWilk
Chloride (mg/L)	GWC-6	No	n/a	NP	NaN	23	6.047	0.9174	x^2	ShapiroWilk
Chloride (mg/L)	GWC-7	No	n/a	NP	NaN	23	2.425	1.007	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-8A	No	n/a	NP	NaN	23	7.752	1.069	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-9	No	n/a	NP	NaN	23	3.815	0.5757	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-10	No	n/a	NP	NaN	23	3.202	1.137	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-11	No	n/a	NP	NaN	23	1.799	0.1415	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-12	No	n/a	NP	NaN	23	1.813	0.1792	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-13	No	n/a	NP	NaN	23	1.557	0.1547	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-14	No	n/a	NP	NaN	23	3.196	0.5368	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-18	No	n/a	NP	NaN	23	2.623	0.2145	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-19	No	n/a	NP	NaN	23	2.097	0.4799	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-20	No	n/a	NP	NaN	23	1.984	0.3714	x^4	ShapiroWilk
Chromium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	37	0.002005	0.0003935	unknown	ShapiroWilk
Chromium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	37	0.005088	0.00122	sqrt(x)	ShapiroWilk
Chromium (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	37	0.007284	0.001716	normal	ShapiroWilk
Chromium (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.01236	0.003018	x^2	ShapiroWilk
Chromium (mg/L)	GWC-2	No	n/a	NP	NaN	37	0.009905	0.002136	x^3	ShapiroWilk
Chromium (mg/L)	GWC-3	No	n/a	NP	NaN	37	0.01057	0.004521	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-4	No	n/a	NP	NaN	37	0.005713	0.001734	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.004808	0.002092	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-6**	**Yes**	**0.012**	**NP**	**NaN**	**37**	**0.005195**	**0.001901**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWC-7	No	n/a	NP	NaN	38	0.01052	0.003053	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.008219	0.0116	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.007694	0.002034	normal	ShapiroWilk
Chromium (mg/L)	GWC-10	No	n/a	NP	NaN	38	0.01638	0.005691	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.008439	0.001447	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.001914	0.0005018	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-13**	**Yes**	**0.028**	**NP**	**NaN**	**37**	**0.005586**	**0.004026**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWC-14	n/a	n/a	NP	NaN	37	0.002054	0.0004634	unknown	ShapiroWilk
Chromium (mg/L)	**GWC-18**	**Yes**	**0.018,0.02**	**NP**	**NaN**	**37**	**0.01421**	**0.001798**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWC-19	No	n/a	NP	NaN	37	0.00998	0.002962	normal	ShapiroWilk
Chromium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.009015	0.001833	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.001922	0.0007248	normal	ShapiroWilk
Cobalt (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.002265	0.0007337	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.002319	0.0006209	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.002309	0.0006518	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.002307	0.0006589	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Cobalt (mg/L)	GWC-3	No	n/a	NP	NaN	37	0.001969	0.001045	x^2	ShapiroWilk
Cobalt (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.002165	0.0007819	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.002435	0.0003947	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.002305	0.0006673	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.002187	0.0008046	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.002481	0.00146	x^(1/3)	ShapiroWilk
Cobalt (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.002195	0.0007852	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-10	n/a	n/a	NP	NaN	38	0.002526	0.0001622	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-11	n/a	n/a	NP	NaN	37	0.002441	0.0003567	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.001633	0.001066	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cobalt (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cobalt (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.002204	0.0008241	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.002309	0.0006506	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-20	n/a	n/a	NP	NaN	37	0.002196	0.00078	unknown	ShapiroWilk
Copper (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	32	0.001928	0.0002853	unknown	ShapiroWilk
Copper (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	32	0.001975	0.0001414	unknown	ShapiroWilk
Copper (mg/L)	GWC-1	n/a	n/a	NP	NaN	32	0.00195	0.0001984	unknown	ShapiroWilk
Copper (mg/L)	GWC-2	n/a	n/a	NP	NaN	32	0.001899	0.0003296	unknown	ShapiroWilk
Copper (mg/L)	GWC-3	n/a	n/a	NP	NaN	32	0.002281	0.00187	unknown	ShapiroWilk
Copper (mg/L)	**GWC-4**	**Yes**	**0.0033,0.0037,0.0031,0.0032,0.0039,0.0011,0.0011,**	**NP**	**NaN**	**32**	**0.002166**	**0.0006389**	**ln(x)**	**ShapiroWilk**
Copper (mg/L)	GWC-5	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWC-6	n/a	n/a	NP	NaN	32	0.002058	0.0004306	unknown	ShapiroWilk
Copper (mg/L)	GWC-7	n/a	n/a	NP	NaN	32	0.002166	0.001109	unknown	ShapiroWilk
Copper (mg/L)	GWC-8A	No	n/a	NP	NaN	32	0.02279	0.03966	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-9	n/a	n/a	NP	NaN	32	0.002034	0.0003534	unknown	ShapiroWilk
Copper (mg/L)	GWC-10	n/a	n/a	NP	NaN	33	0.0021	0.0005745	unknown	ShapiroWilk
Copper (mg/L)	GWC-11	n/a	n/a	NP	NaN	32	0.001963	0.0002311	unknown	ShapiroWilk
Copper (mg/L)	GWC-12	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.002013	0.00007071	unknown	ShapiroWilk
Copper (mg/L)	GWC-14	n/a	n/a	NP	NaN	32	0.002003	0.00001768	unknown	ShapiroWilk
Copper (mg/L)	GWC-18	n/a	n/a	NP	NaN	32	0.001924	0.0003435	unknown	ShapiroWilk
Copper (mg/L)	GWC-19	No	n/a	NP	NaN	31	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWC-20	n/a	n/a	NP	NaN	31	0.002003	0.00001796	unknown	ShapiroWilk
Fluoride (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	23	0.01739	0.01728	unknown	ShapiroWilk
Fluoride (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	23	0.03065	0.0254	normal	ShapiroWilk
Fluoride (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	23	0.03104	0.02482	normal	ShapiroWilk
Fluoride (mg/L)	GWC-1	No	n/a	NP	NaN	25	0.06684	0.03805	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-2	No	n/a	NP	NaN	23	0.03161	0.02244	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-3	No	n/a	NP	NaN	23	0.0413	0.03091	normal	ShapiroWilk
Fluoride (mg/L)	GWC-4	No	n/a	NP	NaN	23	0.08848	0.03518	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-5	No	n/a	NP	NaN	24	0.03154	0.03339	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-6	No	n/a	NP	NaN	23	0.0393	0.03142	normal	ShapiroWilk
Fluoride (mg/L)	GWC-7	No	n/a	NP	NaN	23	0.03874	0.03211	normal	ShapiroWilk
Fluoride (mg/L)	GWC-8A	No	n/a	NP	NaN	23	0.08952	0.04719	normal	ShapiroWilk
Fluoride (mg/L)	GWC-9	No	n/a	NP	NaN	23	0.04904	0.03454	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-10	No	n/a	NP	NaN	23	0.04478	0.03451	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-11	No	n/a	NP	NaN	23	0.03113	0.02387	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-12	No	n/a	NP	NaN	23	0.016	0.01101	normal	ShapiroWilk
Fluoride (mg/L)	GWC-13	No	n/a	NP	NaN	23	0.02565	0.01956	normal	ShapiroWilk
Fluoride (mg/L)	GWC-14	No	n/a	NP	NaN	23	0.02148	0.01952	sqrt(x)	ShapiroWilk
Fluoride (mg/L)	GWC-18	No	n/a	NP	NaN	23	0.03013	0.02816	sqrt(x)	ShapiroWilk
Fluoride (mg/L)	GWC-19	No	n/a	NP	NaN	23	0.02491	0.02053	sqrt(x)	ShapiroWilk
Fluoride (mg/L)	GWC-20	No	n/a	NP	NaN	23	0.02661	0.02309	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Lead (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Lead (mg/L)	**GWA-16 (bg)**	**Yes**	**0.0051,0.0039,0.00016**	**NP**	**NaN**	**37**	**0.001515**	**0.001076**	**x^(1/3)**	**ShapiroWilk**
Lead (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.001246	0.0006743	unknown	ShapiroWilk
Lead (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.001645	0.001609	unknown	ShapiroWilk
Lead (mg/L)	**GWC-2**	**Yes**	**0.0063,0.00014**	**NP**	**NaN**	**37**	**0.001623**	**0.001308**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.001676	0.001928	unknown	ShapiroWilk
Lead (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.001573	0.001316	unknown	ShapiroWilk
Lead (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.001678	0.001871	unknown	ShapiroWilk
Lead (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.001638	0.001449	unknown	ShapiroWilk
Lead (mg/L)	**GWC-7**	**Yes**	**0.0037,0.0037,0.0064,0.0053,0.00017,0.00014**	**NP**	**NaN**	**37**	**0.001562**	**0.001328**	**x^(1/3)**	**ShapiroWilk**
Lead (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.002909	0.004401	ln(x)	ShapiroWilk
Lead (mg/L)	**GWC-9**	**Yes**	**0.0043,0.0067,0.0069,0.0044**	**NP**	**NaN**	**37**	**0.001749**	**0.001569**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	**GWC-10**	**Yes**	**0.007,0.0048**	**NP**	**NaN**	**38**	**0.001548**	**0.001281**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	**GWC-11**	**Yes**	**0.0032,0.0027,0.0025,0.0051,0.0037,0.0037,0.0038,**	**NP**	**NaN**	**37**	**0.001479**	**0.00108**	**x^(1/3)**	**ShapiroWilk**
Lead (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Lead (mg/L)	GWC-13	n/a	n/a	NP	NaN	37	0.001089	0.0004662	unknown	ShapiroWilk
Lead (mg/L)	GWC-14	n/a	n/a	NP	NaN	37	0.001086	0.0003698	unknown	ShapiroWilk
Lead (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.001376	0.000898	unknown	ShapiroWilk
Lead (mg/L)	**GWC-19**	**Yes**	**0.0029,0.0056,0.0035,0.0047,0.0044,0.00014**	**NP**	**NaN**	**37**	**0.001512**	**0.001193**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	GWC-20	n/a	n/a	NP	NaN	37	0.001524	0.001131	unknown	ShapiroWilk
Mercury (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	37	0.0001885	0.00003482	unknown	ShapiroWilk
Mercury (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.0001896	0.00003173	unknown	ShapiroWilk
Mercury (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.0001851	0.00003606	unknown	ShapiroWilk
Mercury (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.0001862	0.00003658	unknown	ShapiroWilk
Mercury (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.0001904	0.00002834	unknown	ShapiroWilk
Mercury (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.0001929	0.00002074	unknown	ShapiroWilk
Mercury (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.0001941	0.00002047	unknown	ShapiroWilk
Mercury (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.0001945	0.00002044	unknown	ShapiroWilk
Mercury (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.000191	0.00002445	unknown	ShapiroWilk
Mercury (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.0001887	0.00003127	unknown	ShapiroWilk
Mercury (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.0001875	0.00003206	unknown	ShapiroWilk
Mercury (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.0001954	0.00002061	unknown	ShapiroWilk
Mercury (mg/L)	GWC-10	n/a	n/a	NP	NaN	37	0.0001896	0.0000314	unknown	ShapiroWilk
Mercury (mg/L)	GWC-11	n/a	n/a	NP	NaN	37	0.0001965	0.00001356	unknown	ShapiroWilk
Mercury (mg/L)	GWC-12	n/a	n/a	NP	NaN	37	0.0001983	0.00001019	unknown	ShapiroWilk
Mercury (mg/L)	GWC-13	n/a	n/a	NP	NaN	37	0.000188	0.00003178	unknown	ShapiroWilk
Mercury (mg/L)	GWC-14	n/a	n/a	NP	NaN	37	0.0001944	0.00002081	unknown	ShapiroWilk
Mercury (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.0001926	0.00002607	unknown	ShapiroWilk
Mercury (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.0001898	0.00003081	unknown	ShapiroWilk
Mercury (mg/L)	GWC-20	n/a	n/a	NP	NaN	37	0.0001857	0.00003481	unknown	ShapiroWilk
Nickel (mg/L)	**GWA-15 (bg)**	**Yes**	**0.00202,0.00043,0.00069,0.00049,0.00051,0.00065,0**	**NP**	**NaN**	**32**	**0.0009378**	**0.0002666**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	32	0.002199	0.006899	unknown	ShapiroWilk
Nickel (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	32	0.0009656	0.0001465	unknown	ShapiroWilk
Nickel (mg/L)	GWC-1	No	n/a	NP	NaN	33	0.002269	0.001663	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-2	No	n/a	NP	NaN	33	0.002384	0.0004488	ln(x)	ShapiroWilk
Nickel (mg/L)	**GWC-3**	**Yes**	**0.019,0.0093,0.0081**	**NP**	**NaN**	**32**	**0.003081**	**0.00338**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	GWC-4	No	n/a	NP	NaN	32	0.002039	0.0007445	normal	ShapiroWilk
Nickel (mg/L)	**GWC-5**	**Yes**	**0.006,0.00268,0.0018,0.0019,0.00039,0.00042,0.000**	**NP**	**NaN**	**32**	**0.001151**	**0.0009875**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	GWC-6	No	n/a	NP	NaN	32	0.002193	0.001192	sqrt(x)	ShapiroWilk
Nickel (mg/L)	GWC-7	n/a	n/a	NP	NaN	33	0.001346	0.001674	unknown	ShapiroWilk
Nickel (mg/L)	GWC-8A	No	n/a	NP	NaN	34	0.00417	0.00206	ln(x)	ShapiroWilk
Nickel (mg/L)	**GWC-9**	**Yes**	**0.00046,0.00058,0.00045,0.0042,0.00042**	**NP**	**NaN**	**33**	**0.0009955**	**0.0006054**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	**GWC-10**	**Yes**	**0.0012,0.0094,0.0048**	**NP**	**NaN**	**35**	**0.002612**	**0.001316**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	GWC-11	No	n/a	NP	NaN	32	0.001906	0.000841	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-12	No	n/a	NP	NaN	32	0.001933	0.0008003	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Nickel (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.0008891	0.0002162	unknown	ShapiroWilk
Nickel (mg/L)	GWC-14	n/a	n/a	NP	NaN	33	0.001215	0.001236	unknown	ShapiroWilk
Nickel (mg/L)	GWC-18	n/a	n/a	NP	NaN	32	0.001061	0.0006467	unknown	ShapiroWilk
Nickel (mg/L)	GWC-19	n/a	n/a	NP	NaN	32	0.001245	0.001623	unknown	ShapiroWilk
Nickel (mg/L)	**GWC-20**	**Yes**	**0.003,0.0063,0.002,0.00048,0.00056,0.00055,0.0007**	**NP**	**NaN**	**32**	**0.001182**	**0.001032**	**ln(x)**	**ShapiroWilk**
pH, Field (SU)	GWA-15 (bg)	No	n/a	NP	NaN	38	5.442	0.2152	x^5	ShapiroWilk
pH, Field (SU)	**GWA-16 (bg)**	**Yes**	**5.63**	**NP**	**NaN**	**37**	**6.347**	**0.18**	**x^6**	**ShapiroWilk**
pH, Field (SU)	GWA-17 (bg)	No	n/a	NP	NaN	37	5.99	0.2393	x^6	ShapiroWilk
pH, Field (SU)	GWC-1	No	n/a	NP	NaN	40	6.5	0.1424	x^6	ShapiroWilk
pH, Field (SU)	GWC-2	No	n/a	NP	NaN	38	6.492	0.2729	ln(x)	ShapiroWilk
pH, Field (SU)	**GWC-3**	**Yes**	**5.1**	**NP**	**NaN**	**43**	**5.935**	**0.2087**	**x^6**	**ShapiroWilk**
pH, Field (SU)	GWC-4	No	n/a	NP	NaN	43	6.255	0.1634	x^6	ShapiroWilk
pH, Field (SU)	GWC-5	No	n/a	NP	NaN	38	5.878	0.2204	ln(x)	ShapiroWilk
pH, Field (SU)	**GWC-6**	**Yes**	**5.52,5.5**	**NP**	**NaN**	**40**	**6.181**	**0.1892**	**x^6**	**ShapiroWilk**
pH, Field (SU)	GWC-7	No	n/a	NP	NaN	39	6.314	0.1554	x^6	ShapiroWilk
pH, Field (SU)	GWC-8A	No	n/a	NP	NaN	43	6.559	0.3227	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-9	No	n/a	NP	NaN	39	6.552	0.1984	x^6	ShapiroWilk
pH, Field (SU)	GWC-10	No	n/a	NP	NaN	42	6.31	0.1585	x^6	ShapiroWilk
pH, Field (SU)	**GWC-11**	**Yes**	**5.58,5.64**	**NP**	**NaN**	**37**	**6.113**	**0.1825**	**x^6**	**ShapiroWilk**
pH, Field (SU)	GWC-12	No	n/a	NP	NaN	38	5.098	0.2693	x^6	ShapiroWilk
pH, Field (SU)	**GWC-13**	**Yes**	**4.93,5.1,6.21**	**NP**	**NaN**	**38**	**5.836**	**0.2194**	**x^6**	**ShapiroWilk**
pH, Field (SU)	**GWC-14**	**Yes**	**4.87,6.11**	**NP**	**NaN**	**38**	**5.576**	**0.2121**	**x^5**	**ShapiroWilk**
pH, Field (SU)	**GWC-18**	**Yes**	**5.76,5.74**	**NP**	**NaN**	**38**	**6.307**	**0.1667**	**x^6**	**ShapiroWilk**
pH, Field (SU)	**GWC-19**	**Yes**	**5.78,6.79**	**NP**	**NaN**	**40**	**6.339**	**0.1919**	**x^6**	**ShapiroWilk**
pH, Field (SU)	**GWC-20**	**Yes**	**6.05,5.94**	**NP**	**NaN**	**41**	**6.517**	**0.1629**	**x^6**	**ShapiroWilk**
Selenium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	37	0.004883	0.0007118	unknown	ShapiroWilk
Selenium (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.004763	0.0009423	unknown	ShapiroWilk
Selenium (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.004856	0.0007811	unknown	ShapiroWilk
Selenium (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.004758	0.001065	unknown	ShapiroWilk
Selenium (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.004535	0.001292	unknown	ShapiroWilk
Selenium (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.004875	0.0007628	unknown	ShapiroWilk
Selenium (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.004581	0.001139	unknown	ShapiroWilk
Selenium (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.01802	0.01521	ln(x)	ShapiroWilk
Selenium (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.004175	0.001901	unknown	ShapiroWilk
Selenium (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.005005	0.00005242	unknown	ShapiroWilk
Selenium (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.004718	0.001061	unknown	ShapiroWilk
Selenium (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.004916	0.0008019	unknown	ShapiroWilk
Selenium (mg/L)	GWC-10	n/a	n/a	NP	NaN	37	0.00497	0.0001309	unknown	ShapiroWilk
Selenium (mg/L)	GWC-11	n/a	n/a	NP	NaN	37	0.004852	0.0007786	unknown	ShapiroWilk
Selenium (mg/L)	GWC-12	n/a	n/a	NP	NaN	37	0.004973	0.0001644	unknown	ShapiroWilk
Selenium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-14	n/a	n/a	NP	NaN	37	0.004877	0.0007825	unknown	ShapiroWilk
Selenium (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.004976	0.000148	unknown	ShapiroWilk
Selenium (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.004984	0.00009864	unknown	ShapiroWilk
Selenium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.005	0	normal	ShapiroWilk
Silver (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-1	n/a	n/a	NP	NaN	32	0.0009725	0.0001556	unknown	ShapiroWilk
Silver (mg/L)	GWC-2	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-3	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-4	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-5	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-6	n/a	n/a	NP	NaN	32	0.0009725	0.0001556	unknown	ShapiroWilk
Silver (mg/L)	GWC-7	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Silver (mg/L)	GWC-8A	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-9	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-10	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-11	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-12	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.0009784	0.000122	unknown	ShapiroWilk
Silver (mg/L)	GWC-14	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-18	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-19	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-20	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
TDS (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	23	41.78	17.59	normal	ShapiroWilk
TDS (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	23	98.43	20.08	normal	ShapiroWilk
TDS (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	23	73.87	23.54	x^2	ShapiroWilk
TDS (mg/L)	GWC-1	No	n/a	NP	NaN	23	135.1	14.61	normal	ShapiroWilk
TDS (mg/L)	GWC-2	No	n/a	NP	NaN	23	122.7	27.2	x^2	ShapiroWilk
TDS (mg/L)	GWC-3	No	n/a	NP	NaN	23	81.7	14.66	x^2	ShapiroWilk
TDS (mg/L)	GWC-4	No	n/a	NP	NaN	24	150.2	57.85	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-5	No	n/a	NP	NaN	23	627.4	373.3	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-6	No	n/a	NP	NaN	23	145.7	15.73	x^3	ShapiroWilk
TDS (mg/L)	GWC-7	No	n/a	NP	NaN	23	122	15.66	x^2	ShapiroWilk
TDS (mg/L)	GWC-8A	No	n/a	NP	NaN	24	264.1	152.5	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-9	No	n/a	NP	NaN	23	144.7	31.07	x^2	ShapiroWilk
TDS (mg/L)	GWC-10	No	n/a	NP	NaN	23	139.2	25.37	x^(1/3)	ShapiroWilk
TDS (mg/L)	**GWC-11**	**Yes**	**293**	**NP**	**NaN**	**23**	**109.7**	**42.96**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	GWC-12	No	n/a	NP	NaN	23	24.26	21.37	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-13	No	n/a	NP	NaN	23	69.17	33.91	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-14	No	n/a	NP	NaN	23	58.17	17.4	sqrt(x)	ShapiroWilk
TDS (mg/L)	GWC-18	No	n/a	NP	NaN	23	87.43	16.53	sqrt(x)	ShapiroWilk
TDS (mg/L)	GWC-19	No	n/a	NP	NaN	23	103.7	29.86	x^2	ShapiroWilk
TDS (mg/L)	GWC-20	No	n/a	NP	NaN	23	109.7	17.22	x^2	ShapiroWilk
Thallium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	37	0.0009797	0.0001233	unknown	ShapiroWilk
Thallium (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.0009597	0.0001711	unknown	ShapiroWilk
Thallium (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.0009792	0.0001266	unknown	ShapiroWilk
Thallium (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.0009665	0.0001445	unknown	ShapiroWilk
Thallium (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.0009797	0.0001233	unknown	ShapiroWilk
Thallium (mg/L)	GWC-3	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.0009827	0.0001052	unknown	ShapiroWilk
Thallium (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.000983	0.0001036	unknown	ShapiroWilk
Thallium (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.0009595	0.0001723	unknown	ShapiroWilk
Thallium (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.000923	0.0002262	unknown	ShapiroWilk
Thallium (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.0009795	0.00009795	unknown	ShapiroWilk
Thallium (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.0009773	0.0001381	unknown	ShapiroWilk
Thallium (mg/L)	GWC-10	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.0009816	0.0001118	unknown	ShapiroWilk
Thallium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Vanadium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	32	0.001993	0.0004726	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	32	0.007333	0.00176	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	32	0.004701	0.001504	sqrt(x)	ShapiroWilk
Vanadium (mg/L)	GWC-1	No	n/a	NP	NaN	32	0.01604	0.003716	x^4	ShapiroWilk
Vanadium (mg/L)	GWC-2	No	n/a	NP	NaN	32	0.01386	0.002832	x^4	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (mg/L)	GWC-3	No	n/a	NP	NaN	32	0.00692	0.002686	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-4	No	n/a	NP	NaN	32	0.007233	0.0018	normal	ShapiroWilk
Vanadium (mg/L)	GWC-5	No	n/a	NP	NaN	32	0.003109	0.001232	ln(x)	ShapiroWilk
Vanadium (mg/L)	**GWC-6**	**Yes**	**0.013**	**NP**	**NaN**	**32**	**0.009105**	**0.00163**	**normal**	**ShapiroWilk**
Vanadium (mg/L)	GWC-7	No	n/a	NP	NaN	32	0.01301	0.001852	x^3	ShapiroWilk
Vanadium (mg/L)	GWC-8A	No	n/a	NP	NaN	32	0.01631	0.0208	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-9	No	n/a	NP	NaN	32	0.01692	0.00436	normal	ShapiroWilk
Vanadium (mg/L)	**GWC-10**	**Yes**	**0.0053,0.026**	**NP**	**NaN**	**33**	**0.01243**	**0.00317**	**ln(x)**	**ShapiroWilk**
Vanadium (mg/L)	GWC-11	No	n/a	NP	NaN	32	0.01031	0.001777	normal	ShapiroWilk
Vanadium (mg/L)	GWC-12	n/a	n/a	NP	NaN	32	0.002153	0.0006258	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.002222	0.001054	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-14	n/a	n/a	NP	NaN	32	0.002078	0.0008762	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-18	No	n/a	NP	NaN	32	0.006654	0.001498	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-19	No	n/a	NP	NaN	32	0.007199	0.001201	x^2	ShapiroWilk
Vanadium (mg/L)	GWC-20	No	n/a	NP	NaN	32	0.01753	0.002229	x^4	ShapiroWilk
Zinc (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	32	0.005031	0.0001768	unknown	ShapiroWilk
Zinc (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	32	0.004944	0.0002687	unknown	ShapiroWilk
Zinc (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	32	0.005107	0.0008345	unknown	ShapiroWilk
Zinc (mg/L)	GWC-1	n/a	n/a	NP	NaN	32	0.004897	0.0003267	unknown	ShapiroWilk
Zinc (mg/L)	GWC-2	n/a	n/a	NP	NaN	32	0.005112	0.0009115	unknown	ShapiroWilk
Zinc (mg/L)	GWC-3	n/a	n/a	NP	NaN	32	0.00585	0.003124	unknown	ShapiroWilk
Zinc (mg/L)	GWC-4	n/a	n/a	NP	NaN	32	0.004938	0.0005594	unknown	ShapiroWilk
Zinc (mg/L)	GWC-5	n/a	n/a	NP	NaN	32	0.005656	0.001934	unknown	ShapiroWilk
Zinc (mg/L)	GWC-6	n/a	n/a	NP	NaN	32	0.005037	0.0002121	unknown	ShapiroWilk
Zinc (mg/L)	GWC-7	n/a	n/a	NP	NaN	32	0.005034	0.000489	unknown	ShapiroWilk
Zinc (mg/L)	GWC-8A	No	n/a	NP	NaN	32	0.03178	0.05011	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-9	n/a	n/a	NP	NaN	32	0.004959	0.0002298	unknown	ShapiroWilk
Zinc (mg/L)	GWC-10	n/a	n/a	NP	NaN	33	0.005212	0.001409	unknown	ShapiroWilk
Zinc (mg/L)	GWC-11	n/a	n/a	NP	NaN	32	0.005791	0.003867	unknown	ShapiroWilk
Zinc (mg/L)	GWC-12	n/a	n/a	NP	NaN	32	0.004853	0.0006262	unknown	ShapiroWilk
Zinc (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.004893	0.001013	unknown	ShapiroWilk
Zinc (mg/L)	GWC-14	n/a	n/a	NP	NaN	33	0.005539	0.003321	unknown	ShapiroWilk
Zinc (mg/L)	GWC-18	n/a	n/a	NP	NaN	32	0.005028	0.0005821	unknown	ShapiroWilk
Zinc (mg/L)	GWC-19	n/a	n/a	NP	NaN	32	0.005137	0.0006339	unknown	ShapiroWilk
Zinc (mg/L)	GWC-20	n/a	n/a	NP	NaN	32	0.005087	0.0003452	unknown	ShapiroWilk

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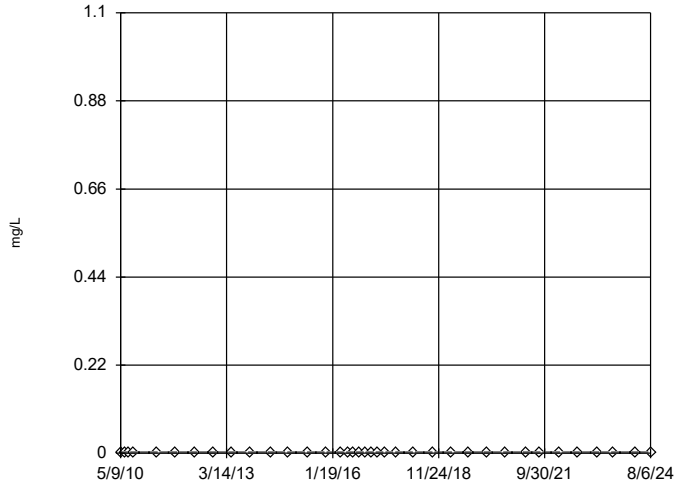
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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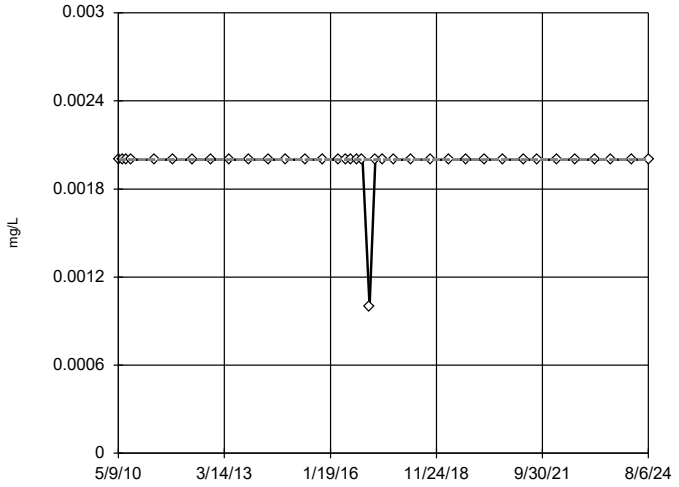
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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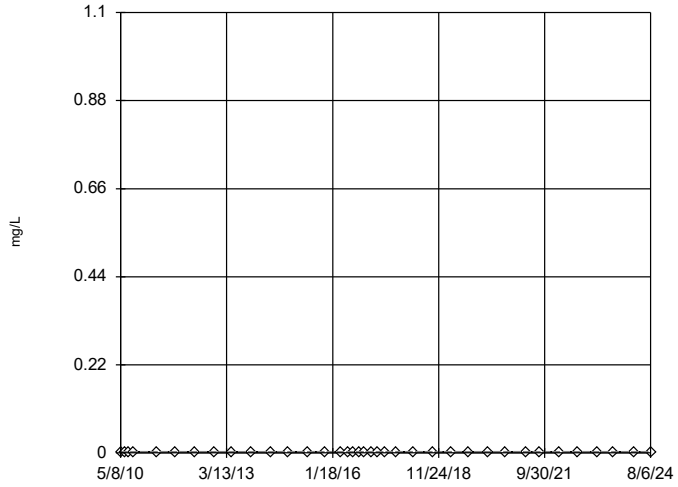
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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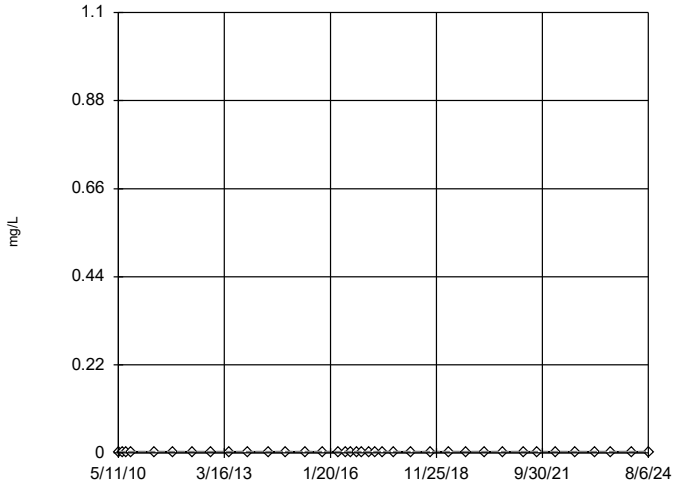
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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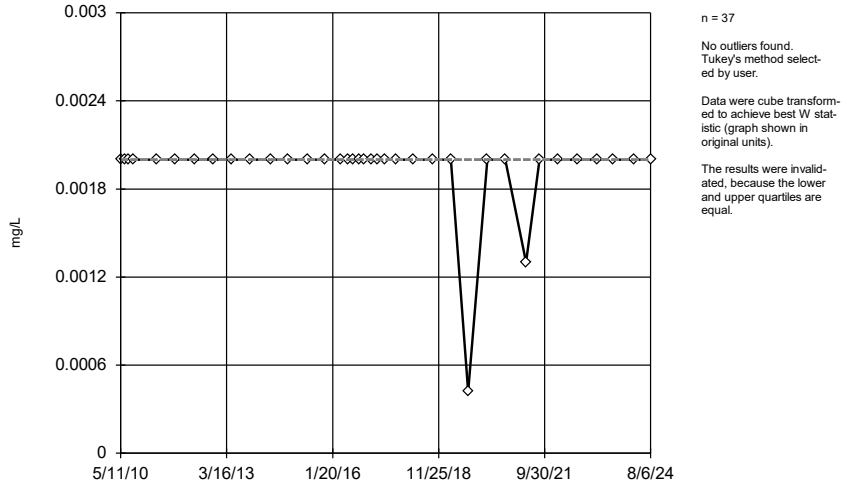
Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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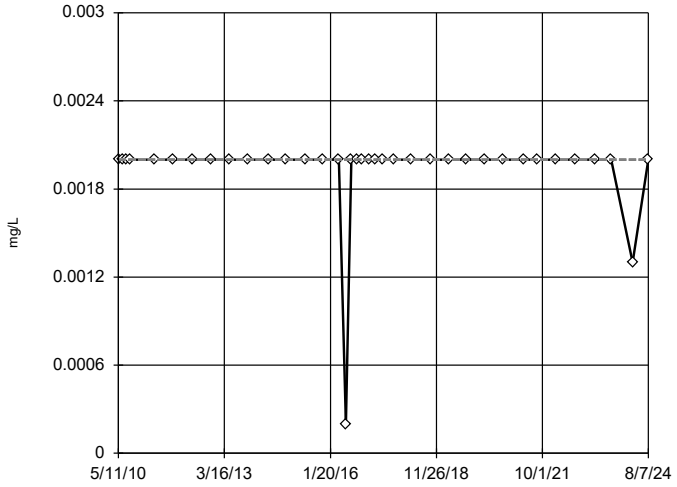
Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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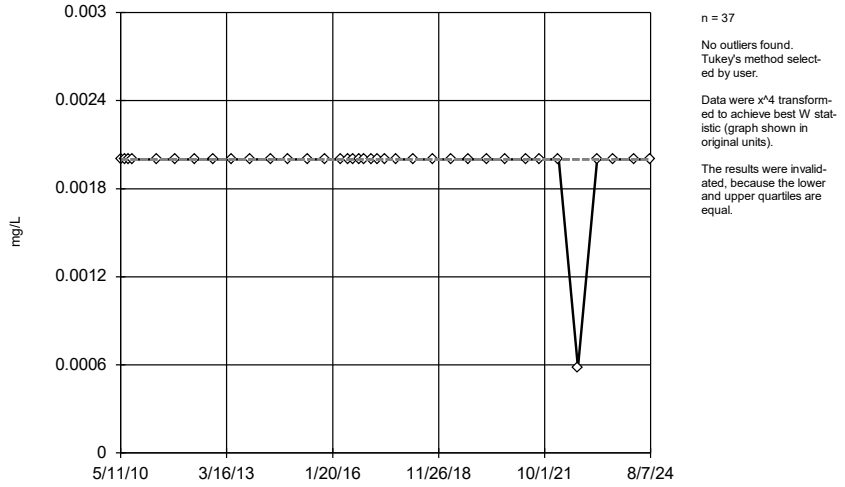
Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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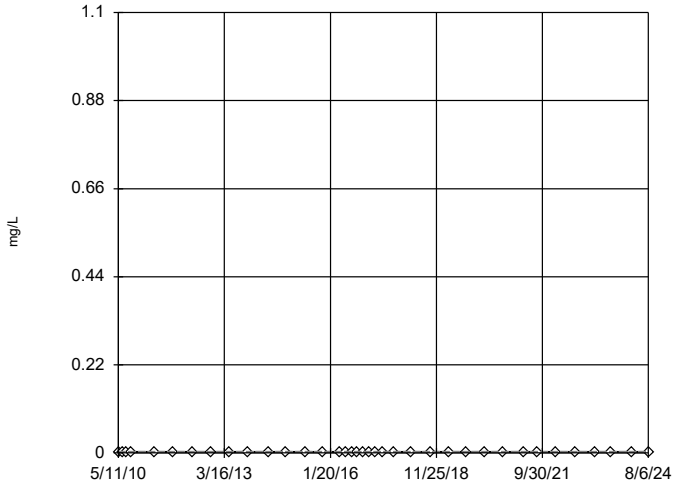
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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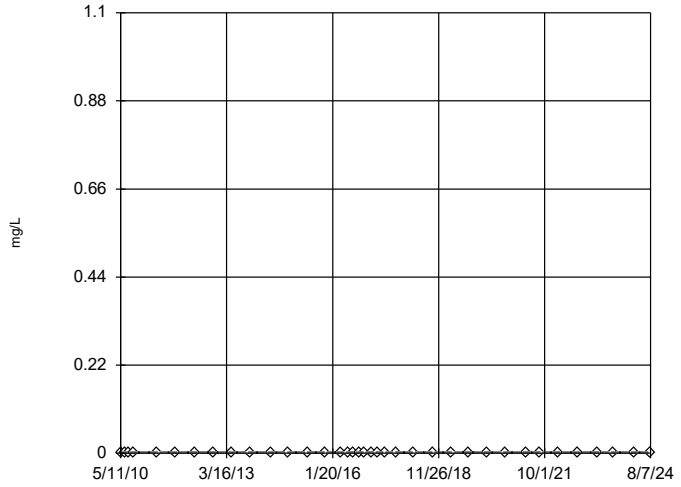
Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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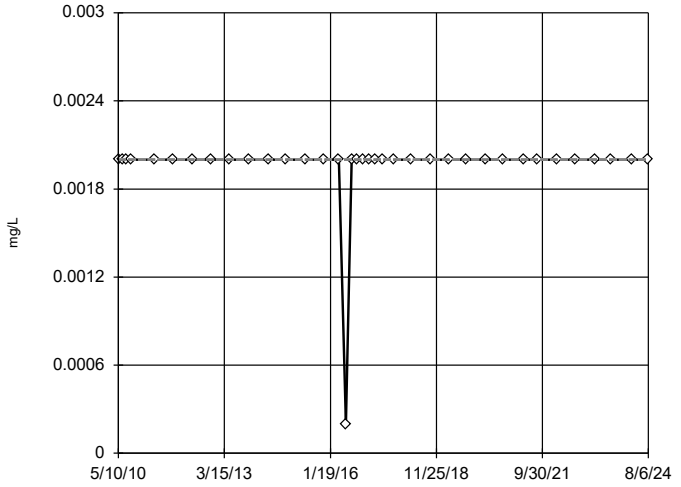
Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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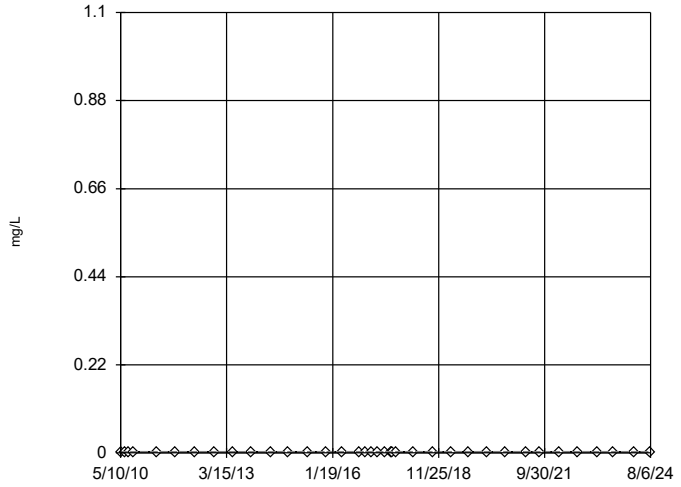
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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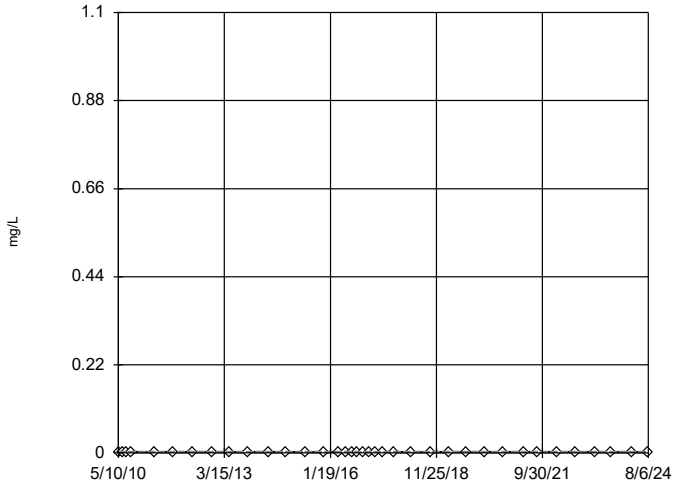
Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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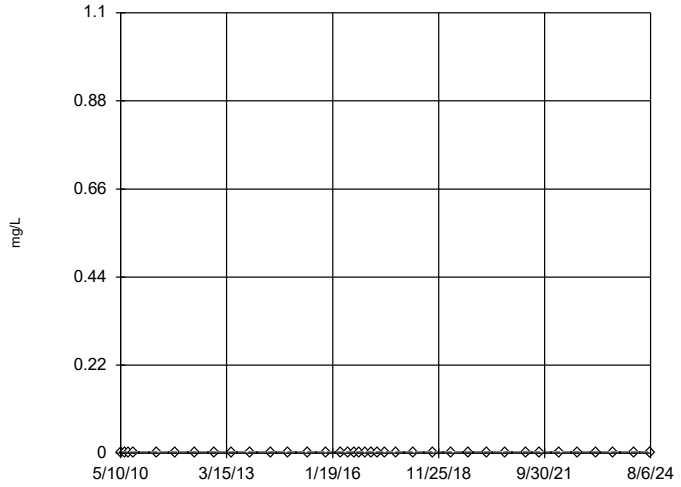
Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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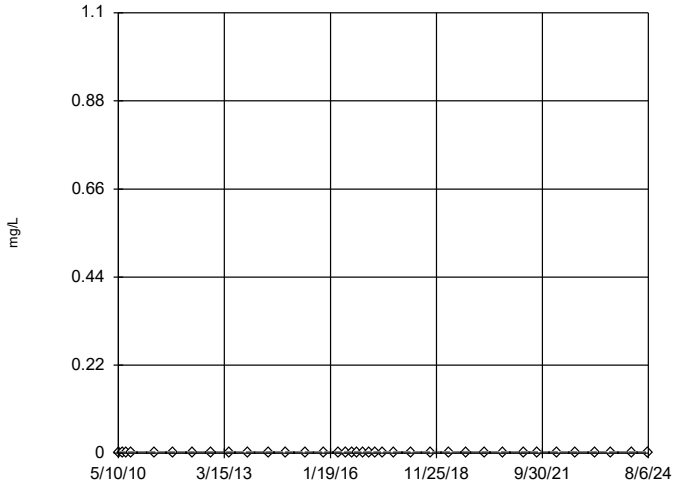
Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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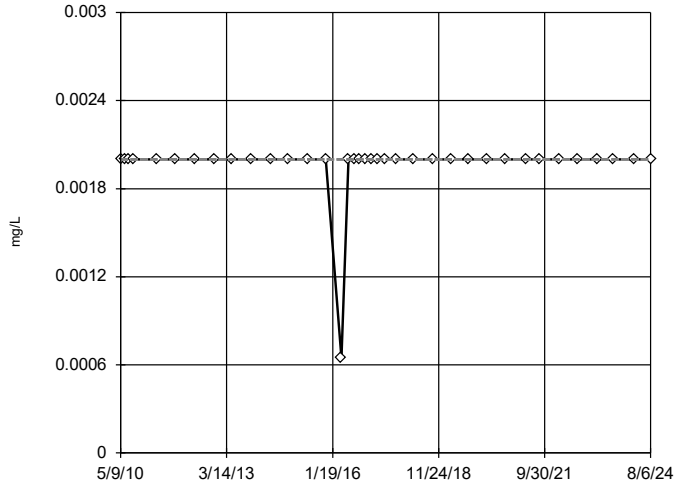
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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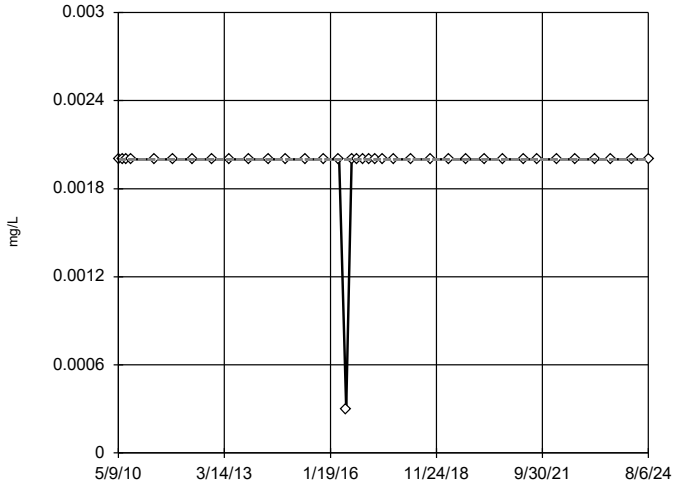
Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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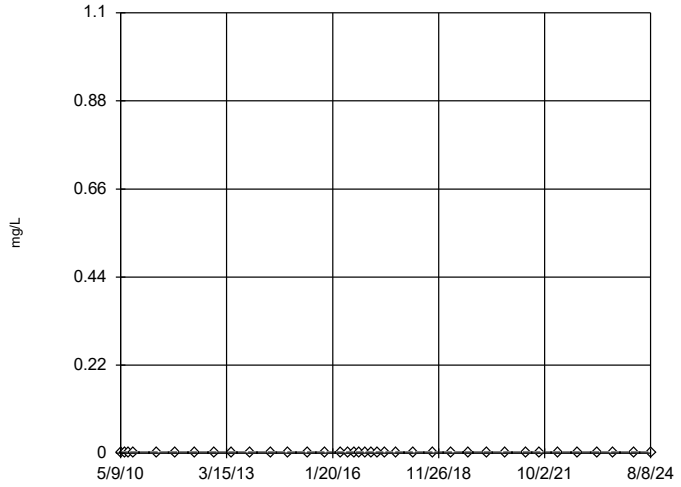
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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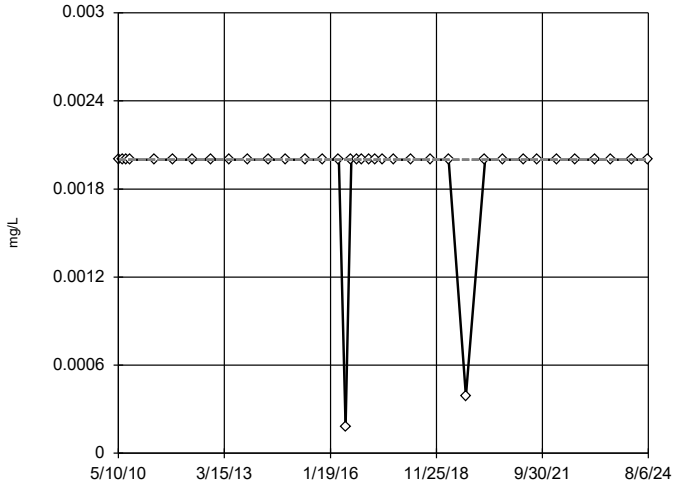
Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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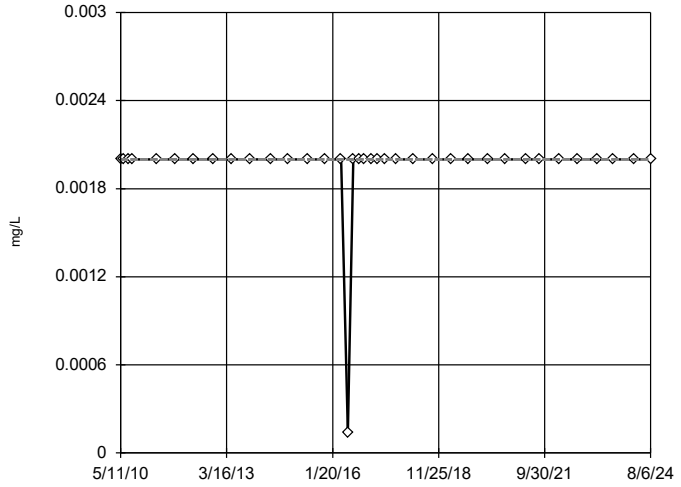
Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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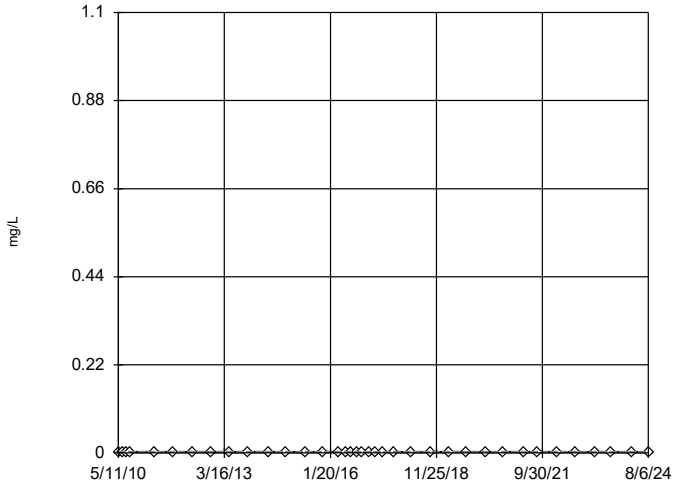
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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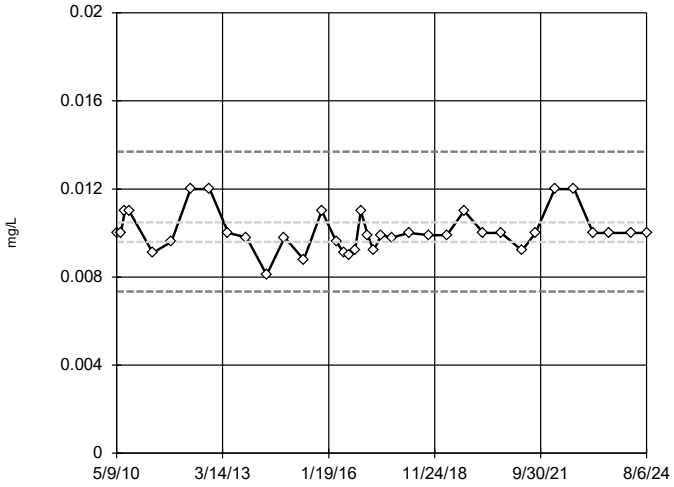
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0137, low cutoff = 0.007347, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

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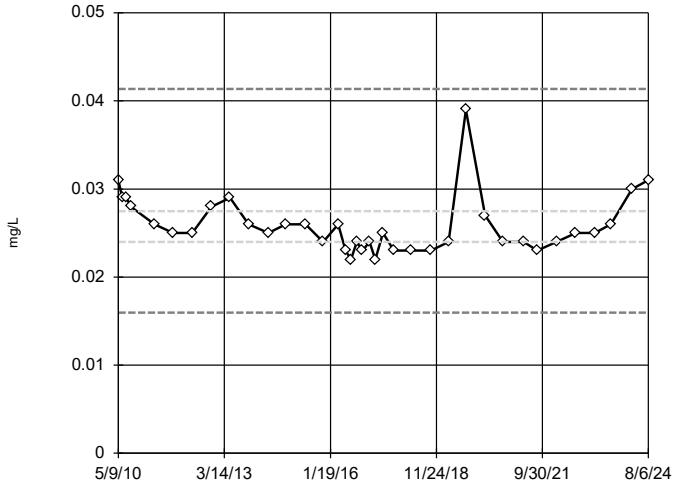
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04134, low cutoff = 0.01596, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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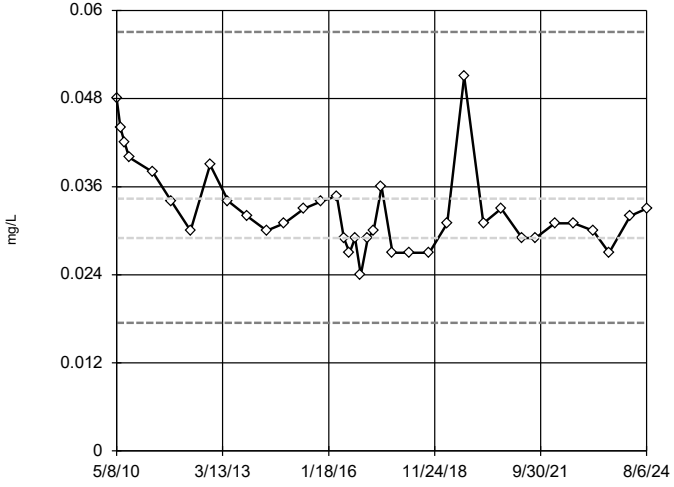
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05707, low cutoff = 0.01745, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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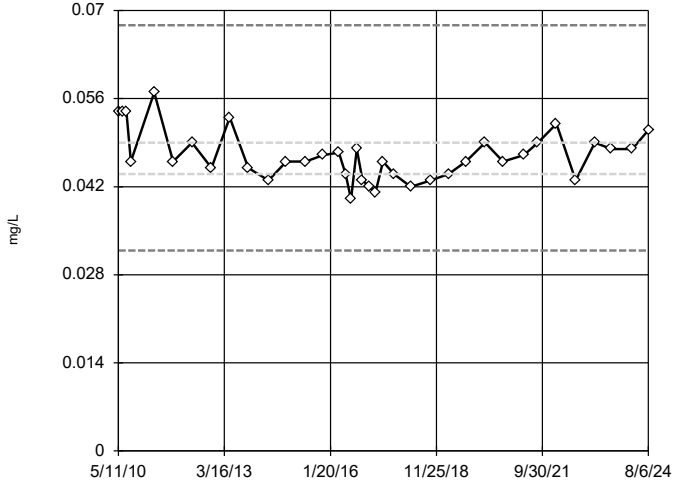
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06767, low cutoff = 0.03186, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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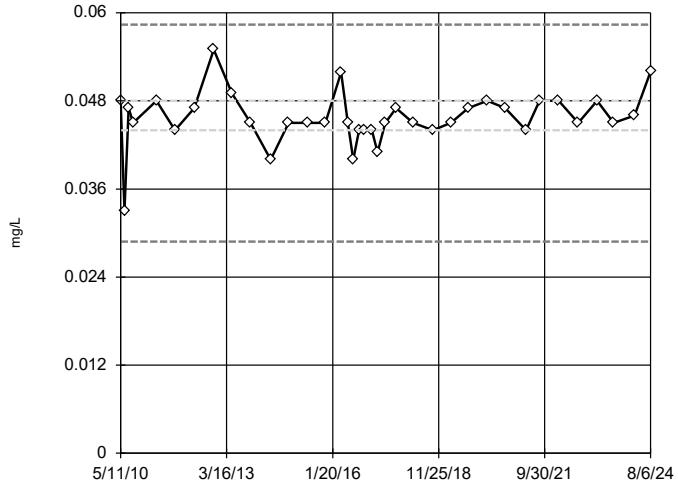
Tukey's Outlier Screening

GWC-2



n = 37

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05838,
low cutoff = 0.02884,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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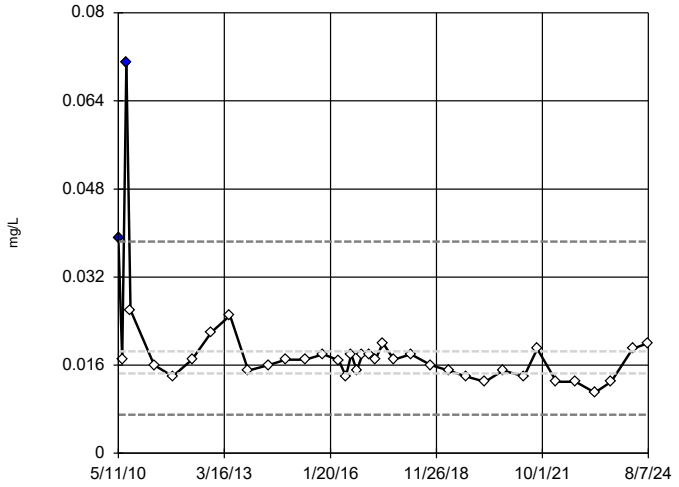
Tukey's Outlier Screening

GWC-3



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03843,
low cutoff = 0.006973,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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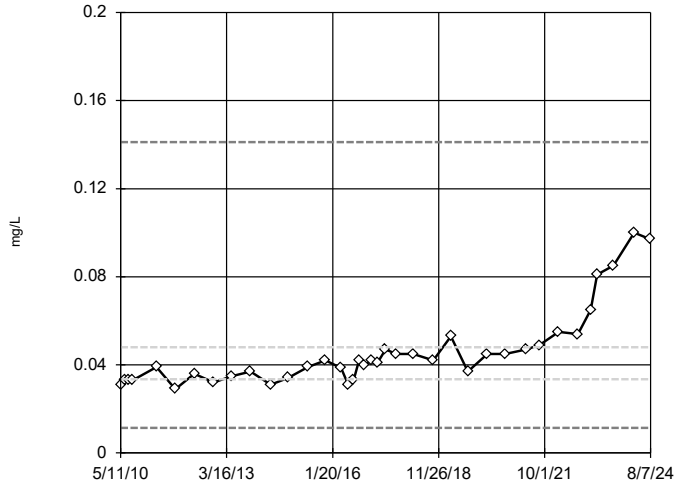
Tukey's Outlier Screening

GWC-4



n = 38

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1411,
low cutoff = 0.01139,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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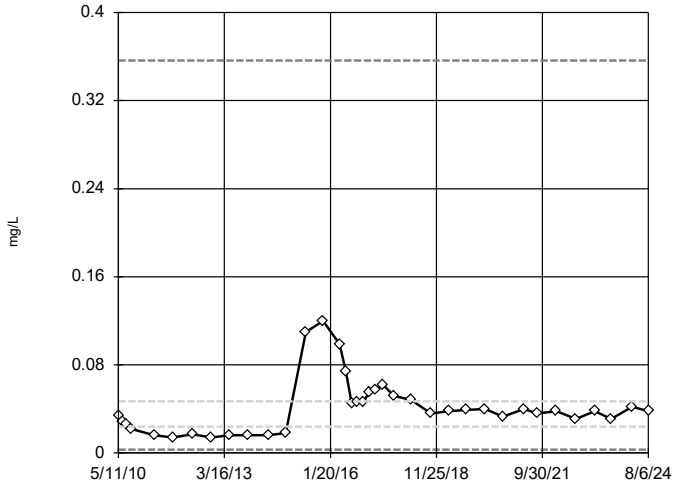
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3564,
low cutoff = 0.003154,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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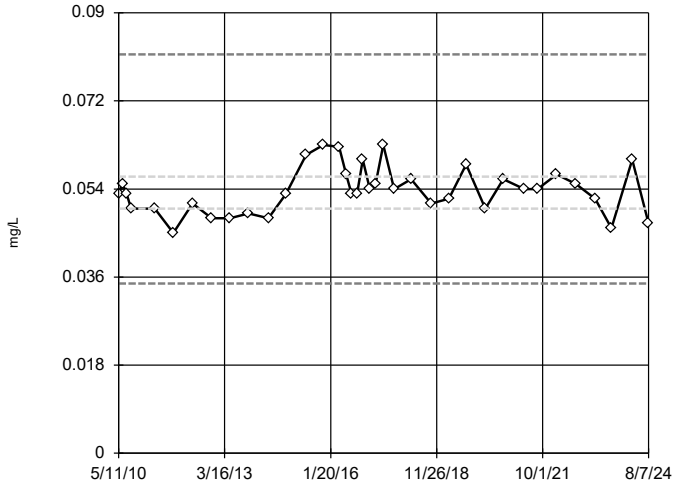
Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08151, low cutoff = 0.03466, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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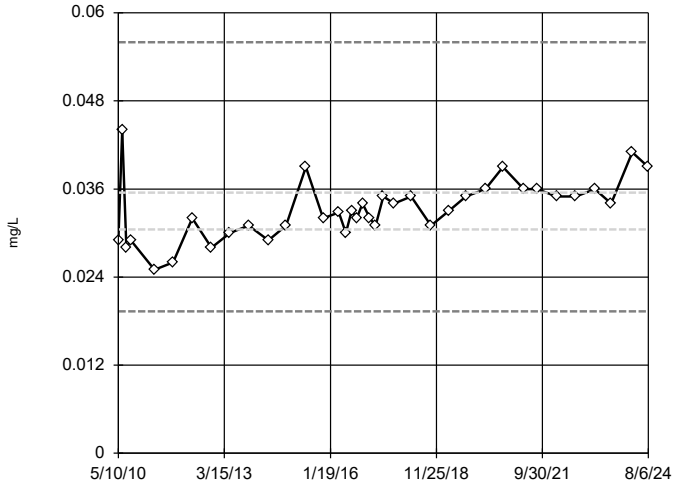
Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05598, low cutoff = 0.01934, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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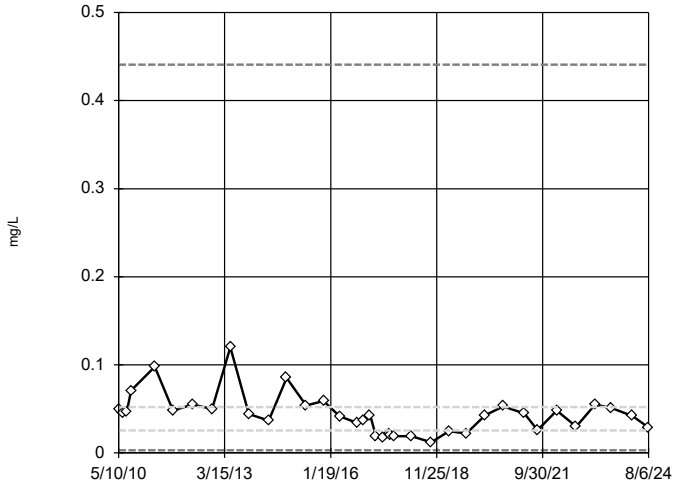
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.4409, low cutoff = 0.003006, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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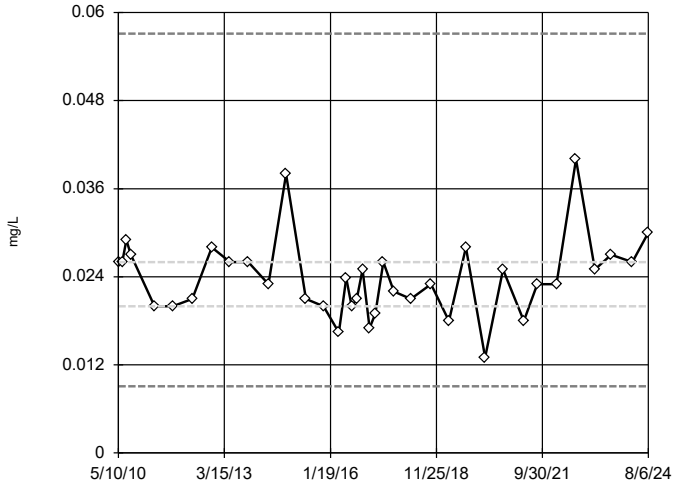
Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05712, low cutoff = 0.009103, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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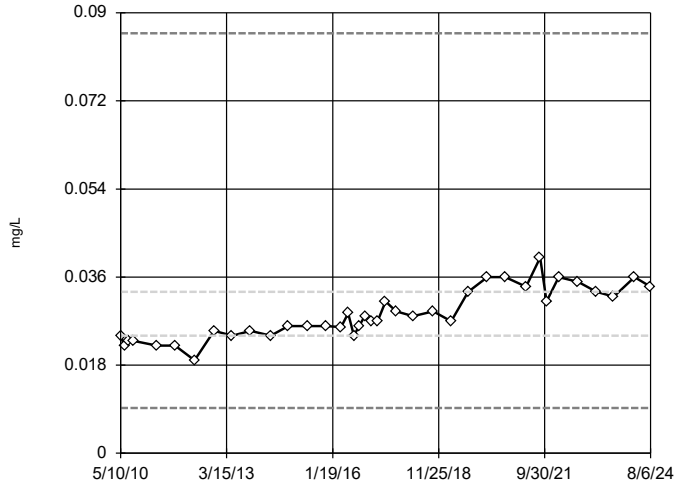
Tukey's Outlier Screening

GWC-10



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08579, low cutoff = 0.009232, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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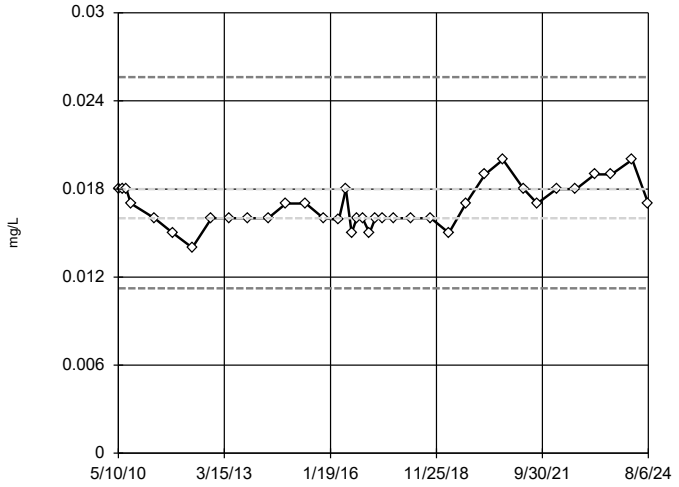
Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02563, low cutoff = 0.01124, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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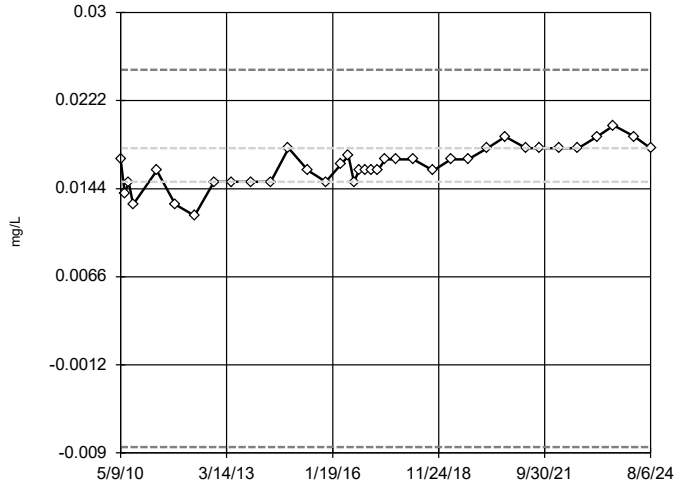
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02492, low cutoff = -0.008485, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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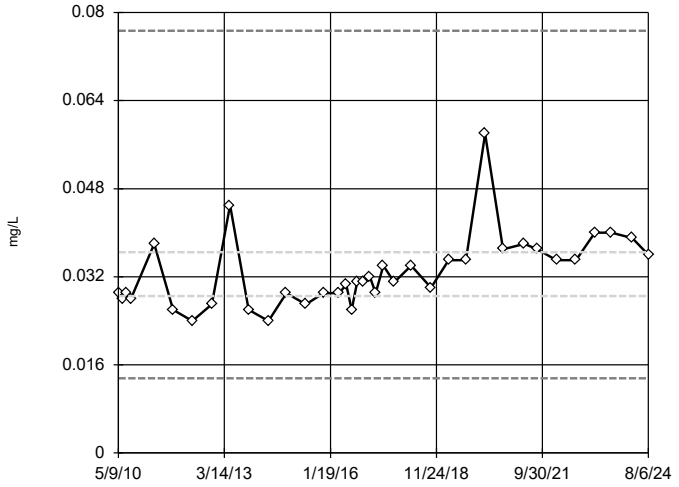
Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.07668, low cutoff = 0.01356, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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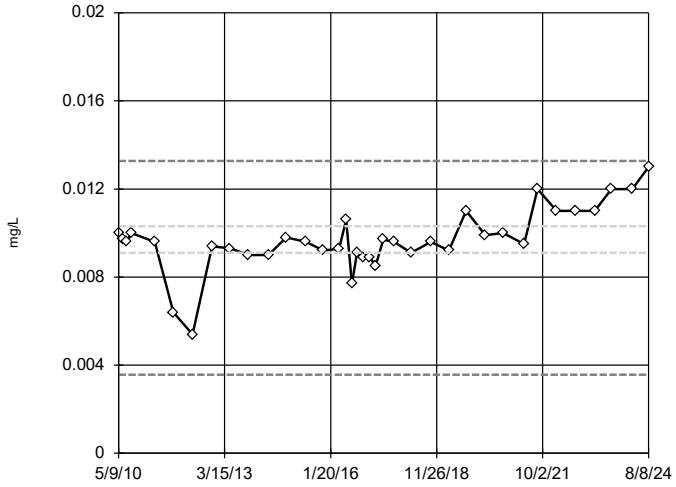
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01328, low cutoff = 0.003564, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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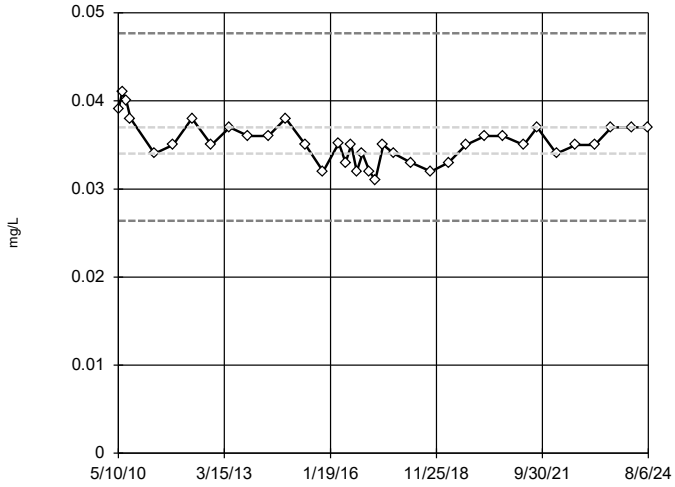
Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04768, low cutoff = 0.02638, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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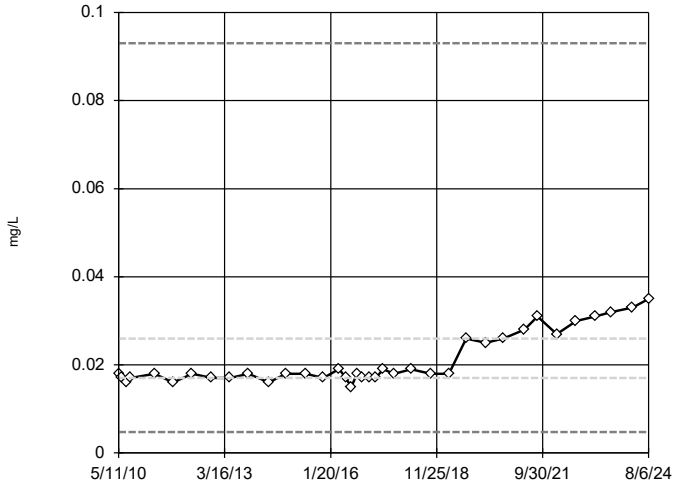
Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.09301, low cutoff = 0.004752, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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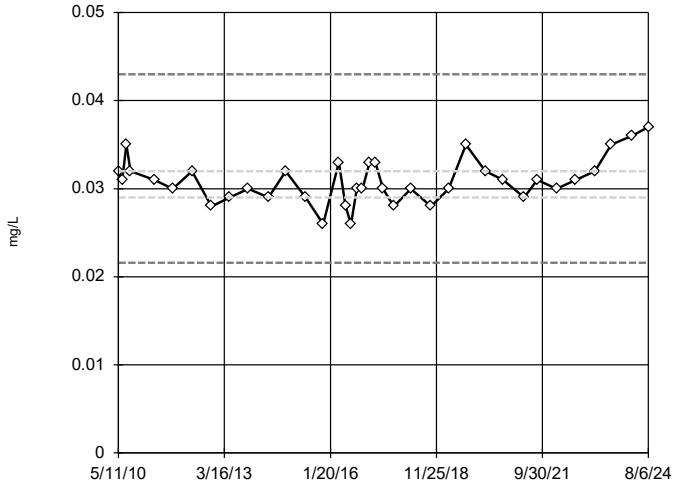
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04299, low cutoff = 0.02158, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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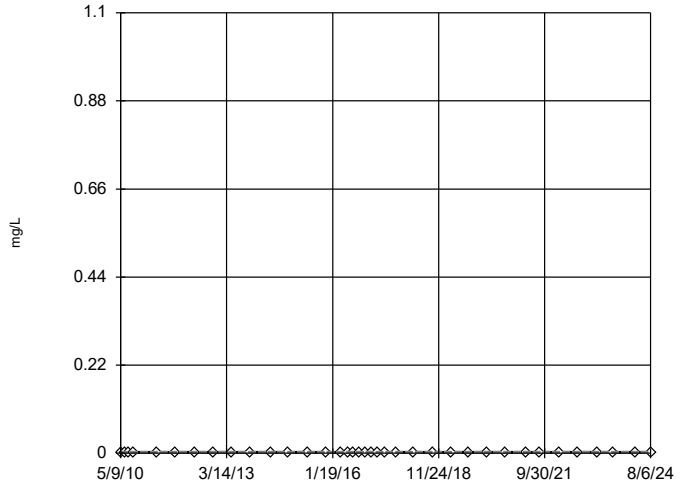
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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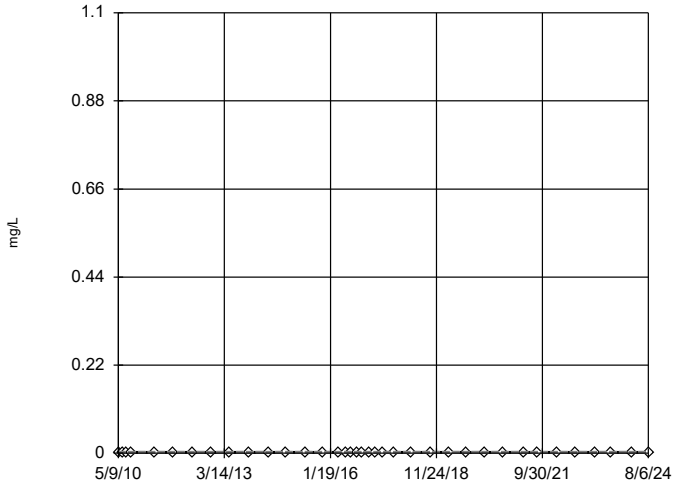
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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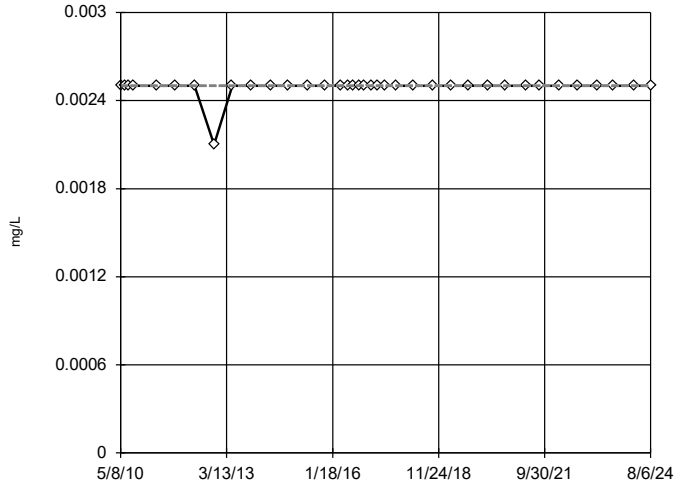
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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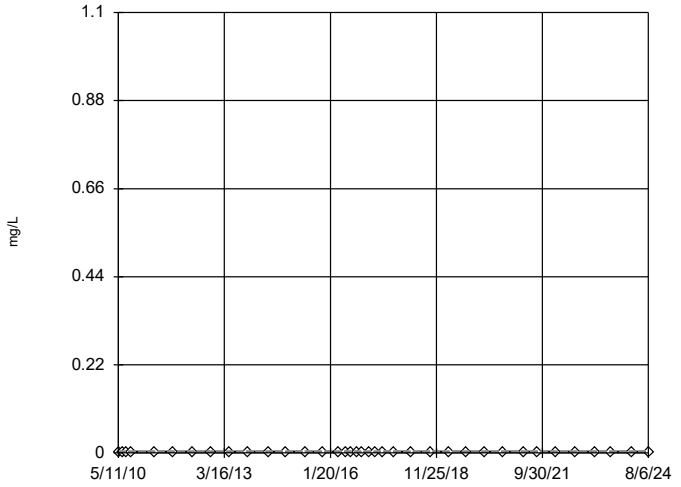
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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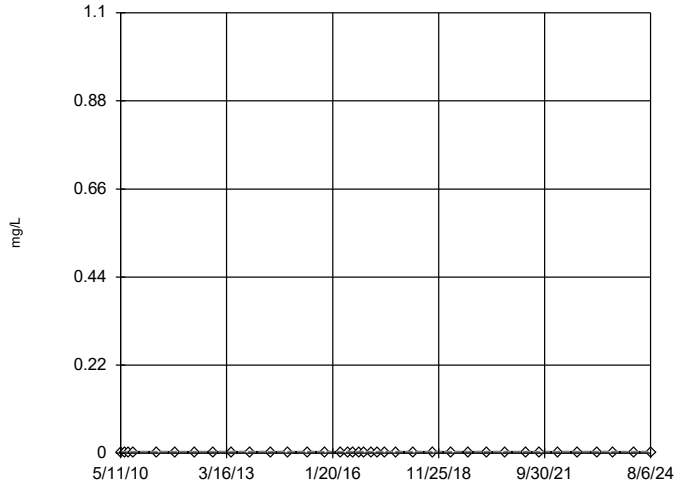
Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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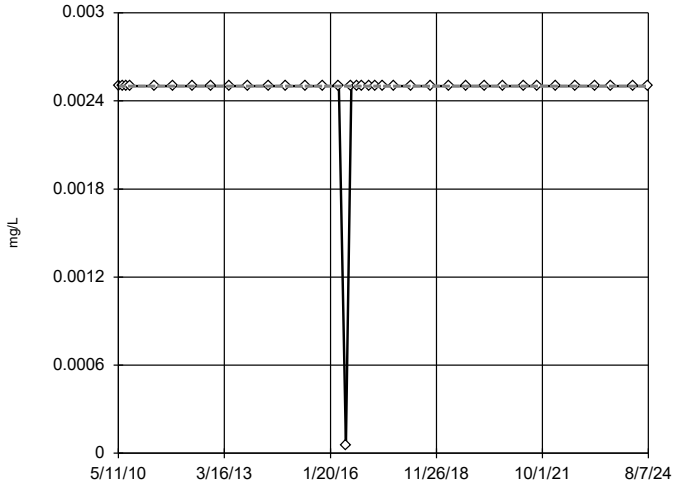
Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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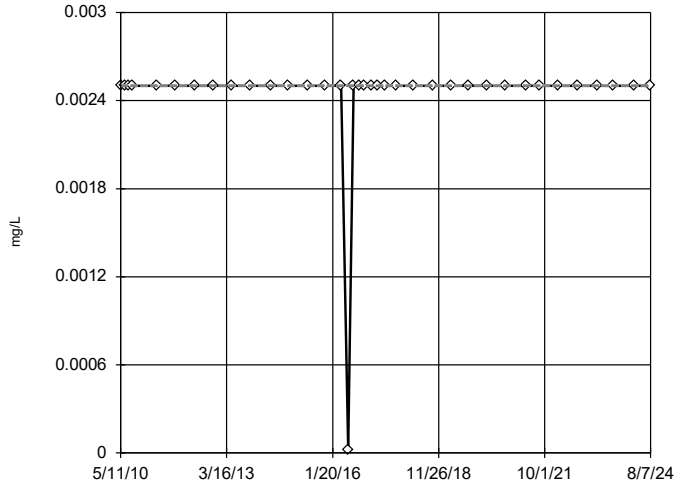
Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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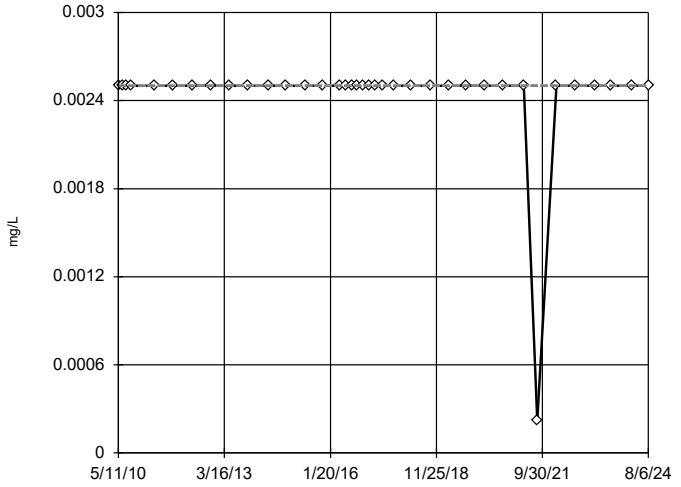
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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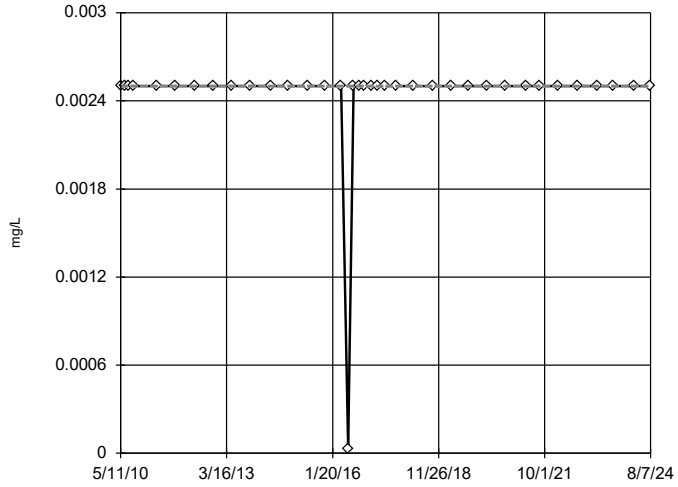
Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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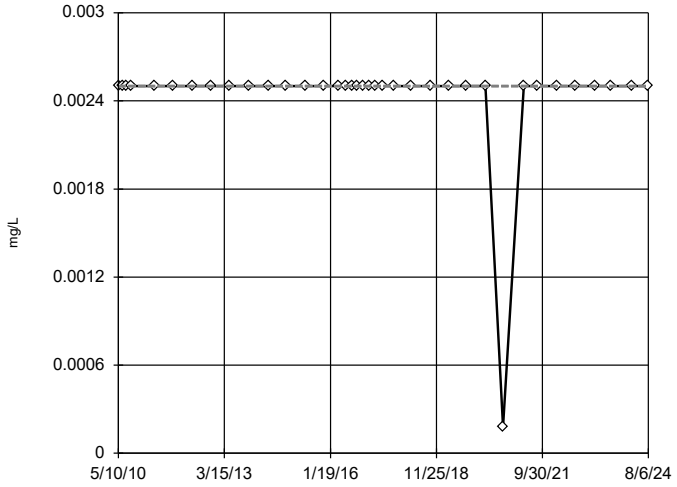
Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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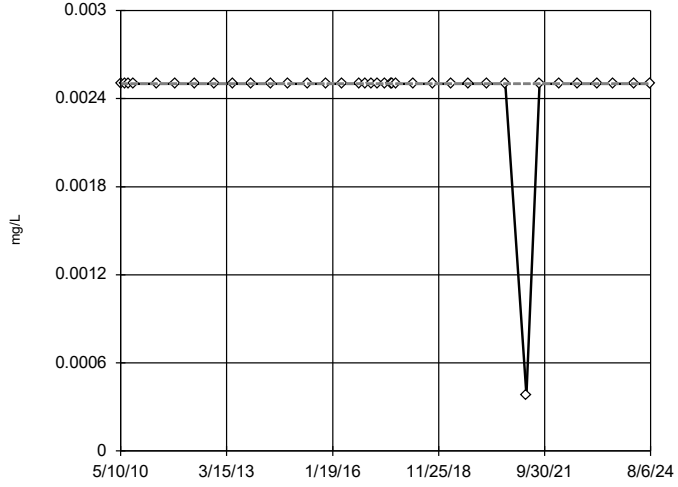
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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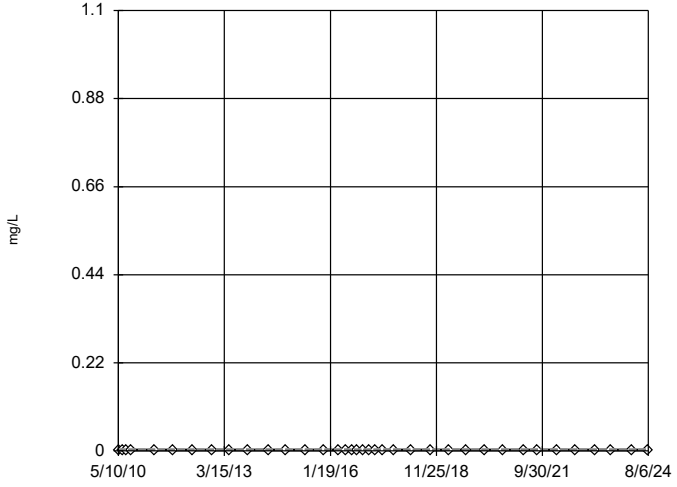
Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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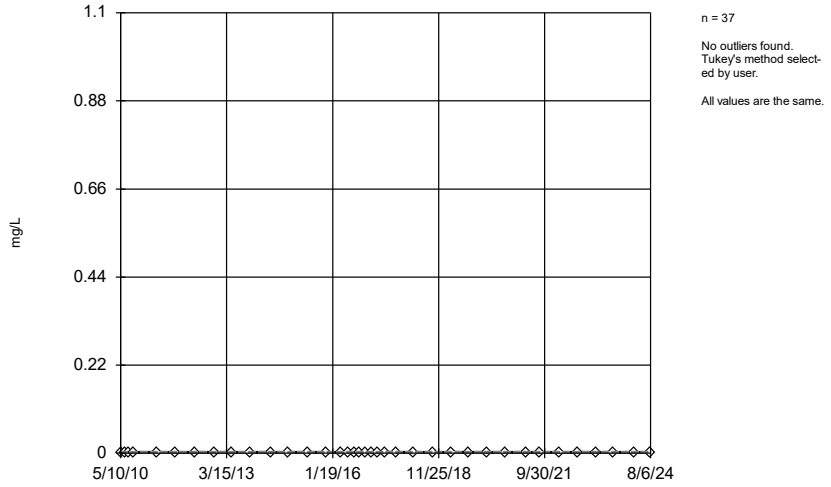
Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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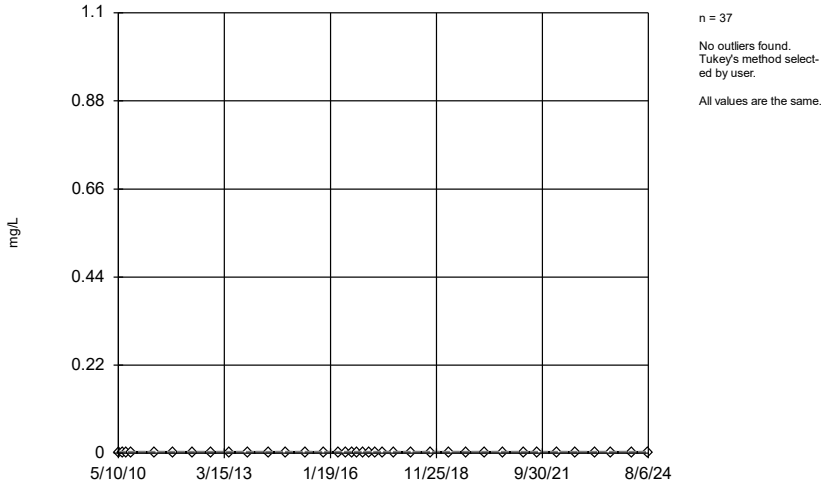
Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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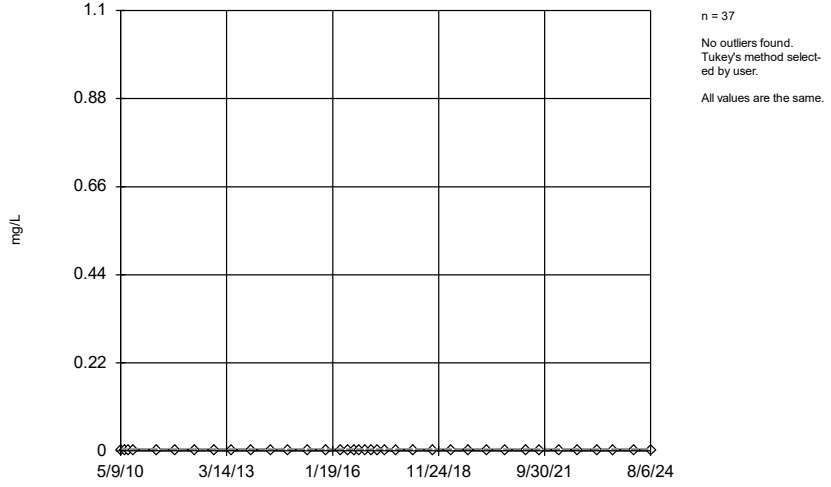
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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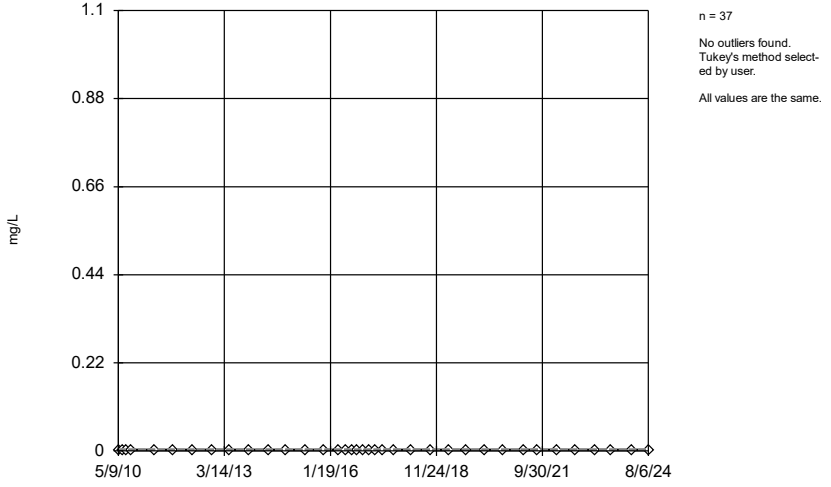
Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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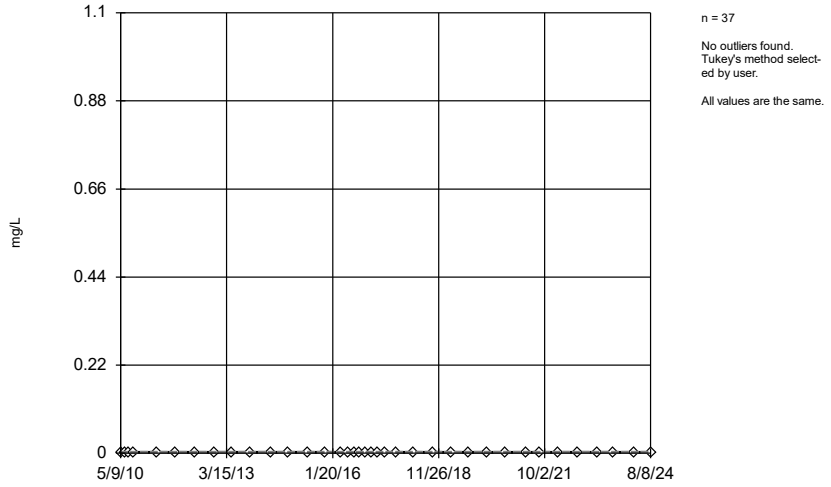
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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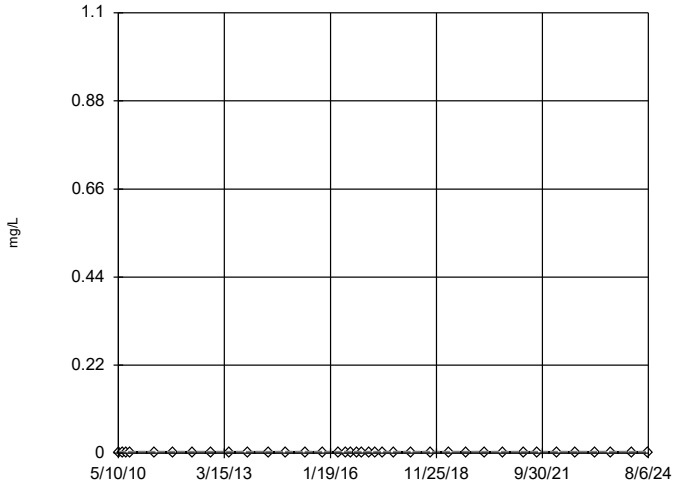
Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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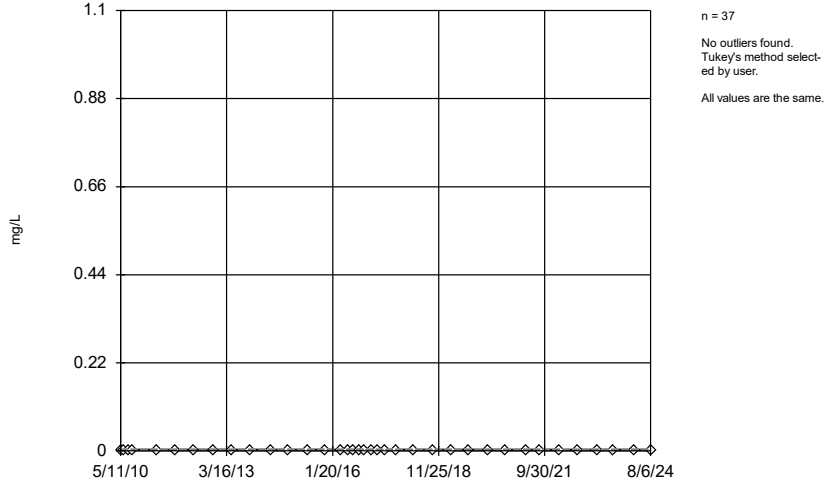
Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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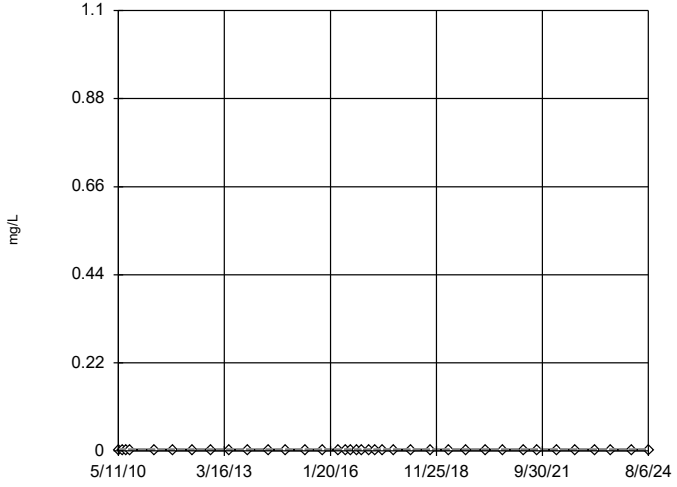
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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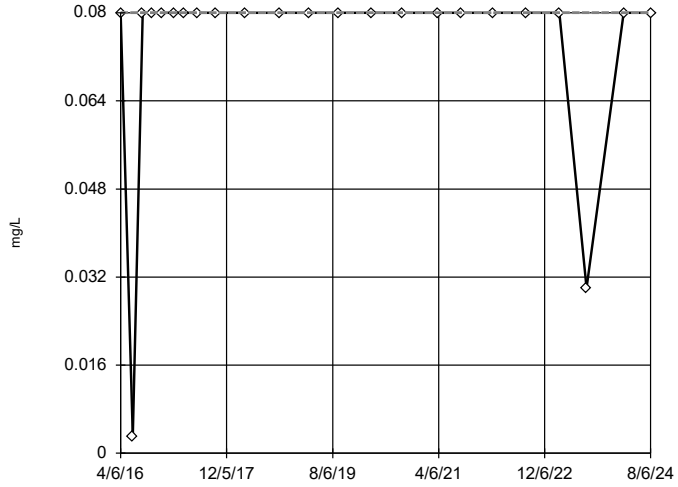
Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

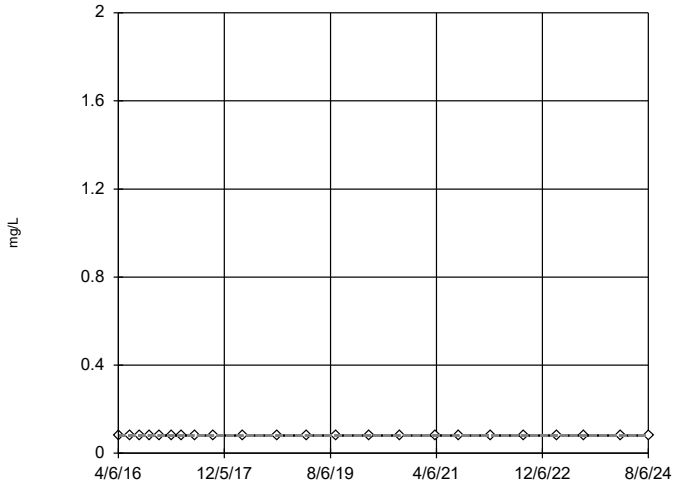
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-16 (bg)



n = 23

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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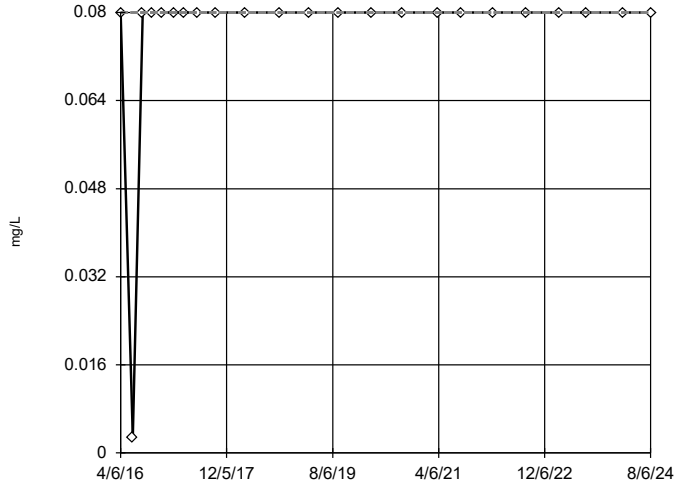
Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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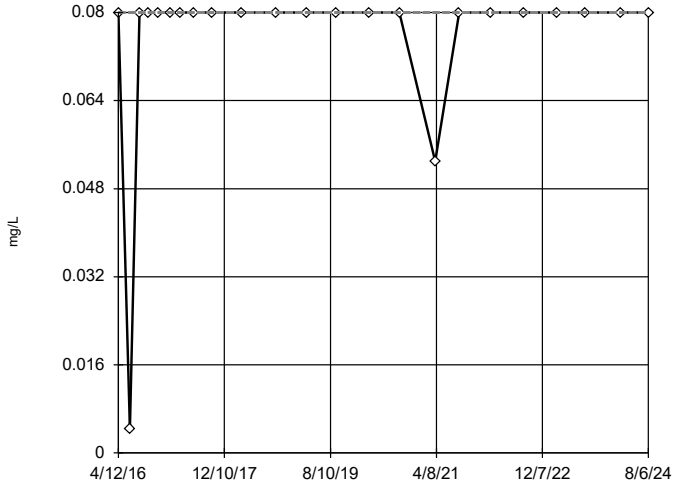
Tukey's Outlier Screening

GWC-1



n = 23

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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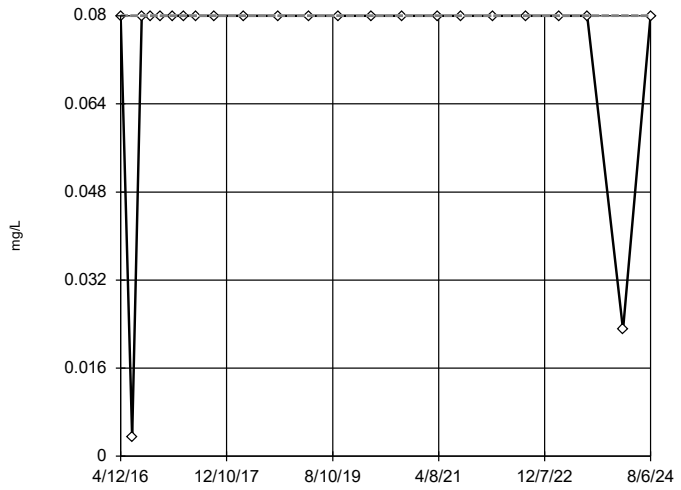
Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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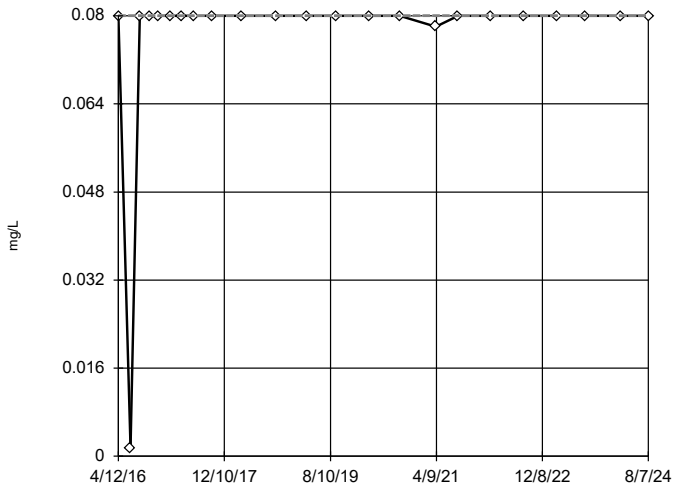
Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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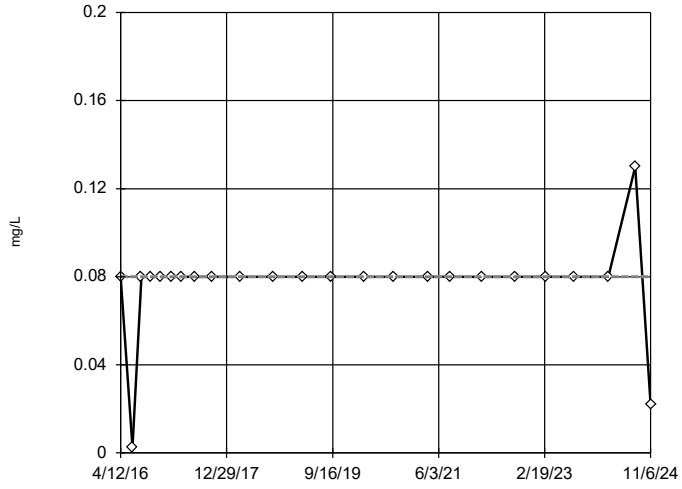
Tukey's Outlier Screening

GWC-4



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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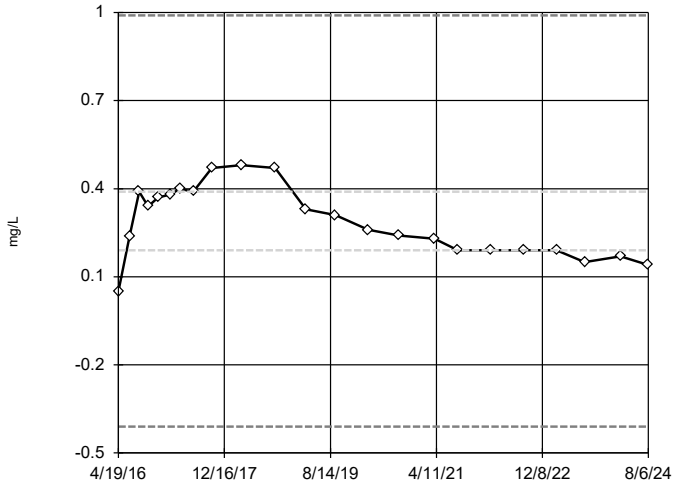
Tukey's Outlier Screening

GWC-5



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.99, low cutoff = -0.41, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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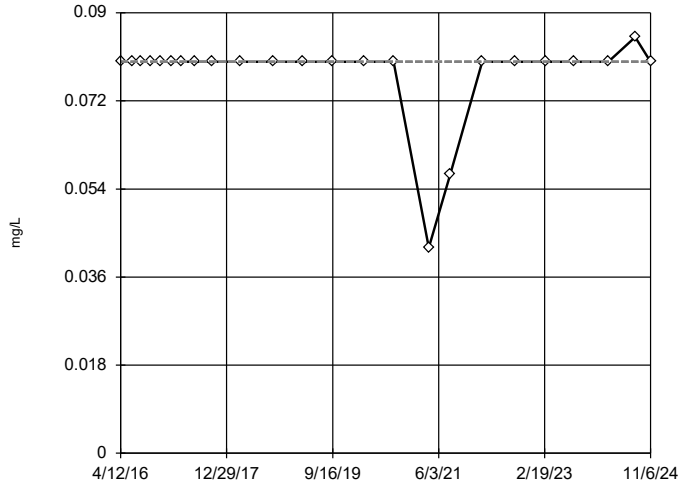
Tukey's Outlier Screening

GWC-6



n = 24

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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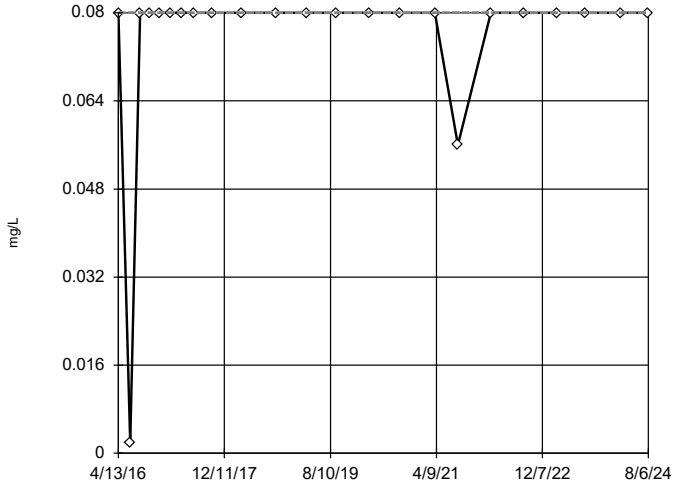
Tukey's Outlier Screening

GWC-7



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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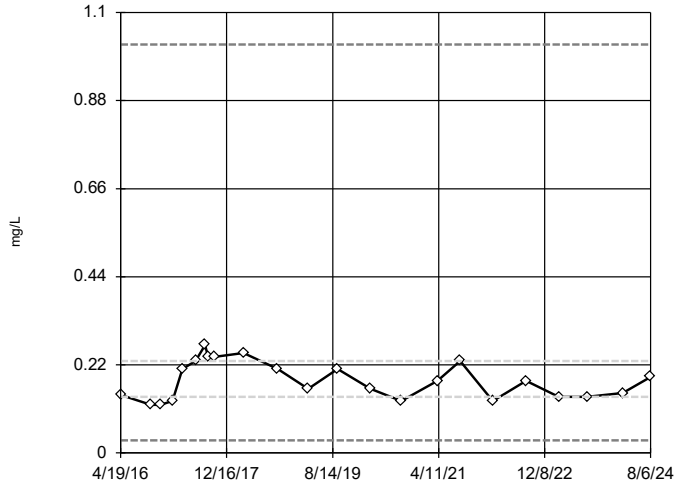
Tukey's Outlier Screening

GWC-8A



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.02, low cutoff = 0.03157, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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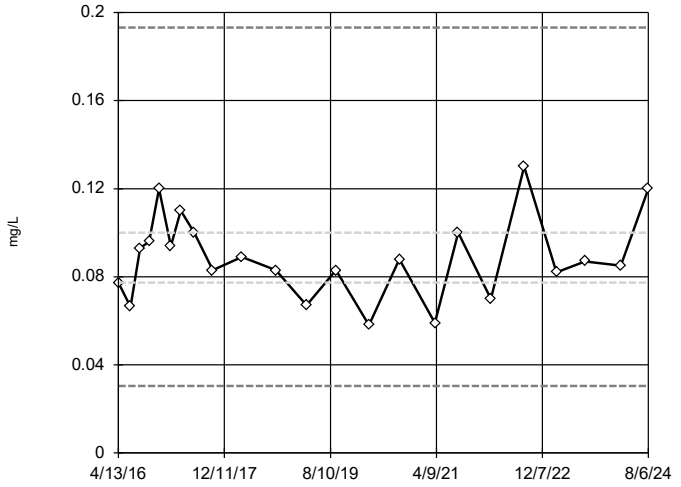
Tukey's Outlier Screening

GWC-9



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1932, low cutoff = 0.03043, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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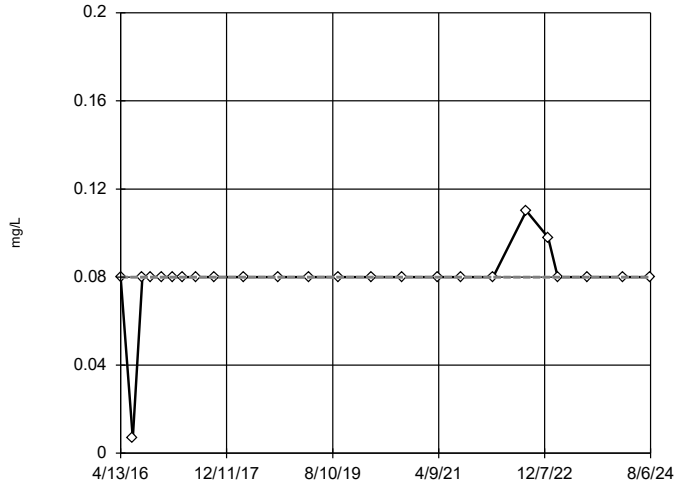
Tukey's Outlier Screening

GWC-10



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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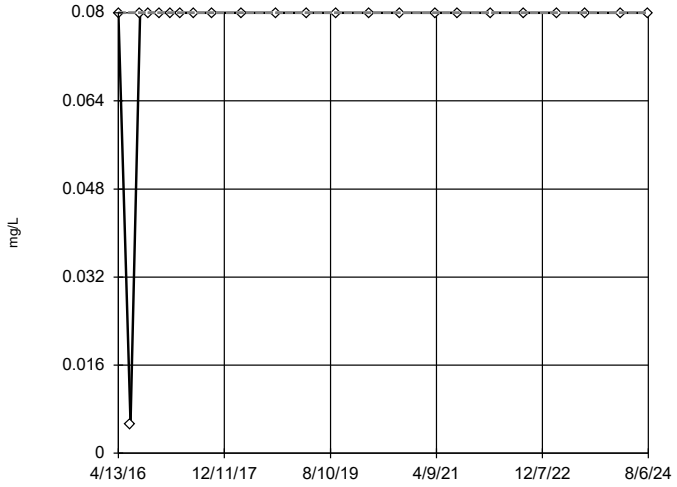
Tukey's Outlier Screening

GWC-11



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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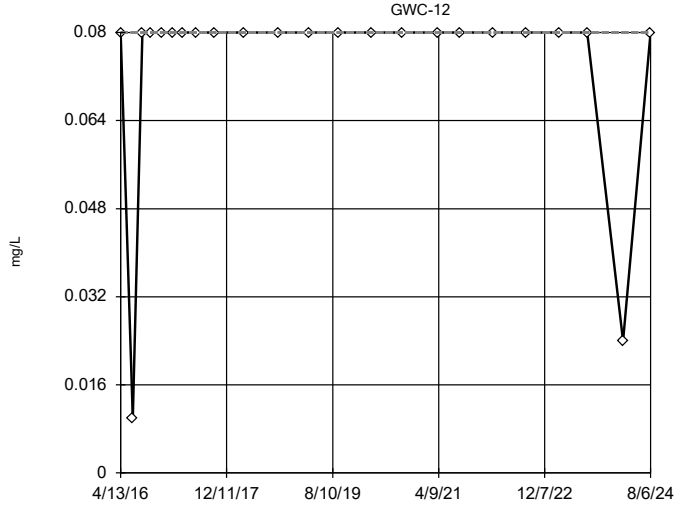
Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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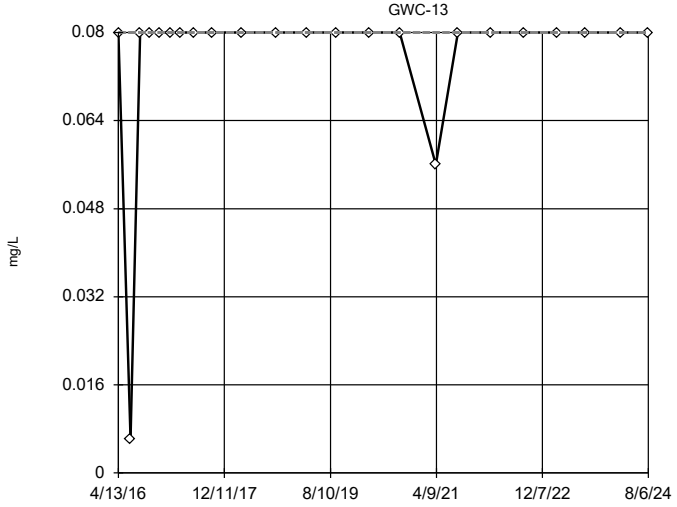
Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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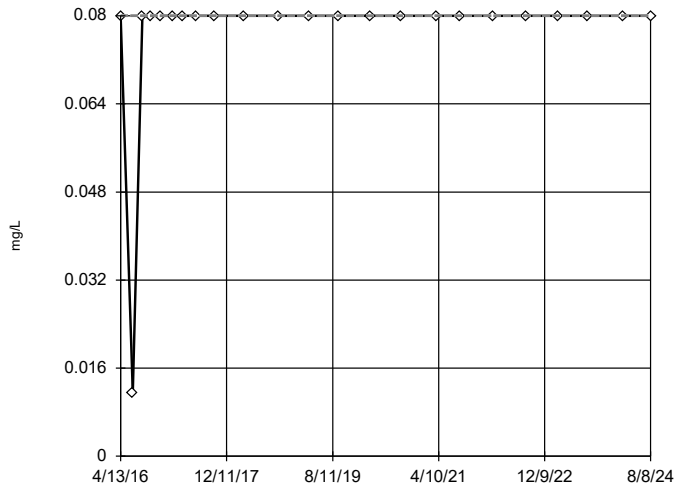
Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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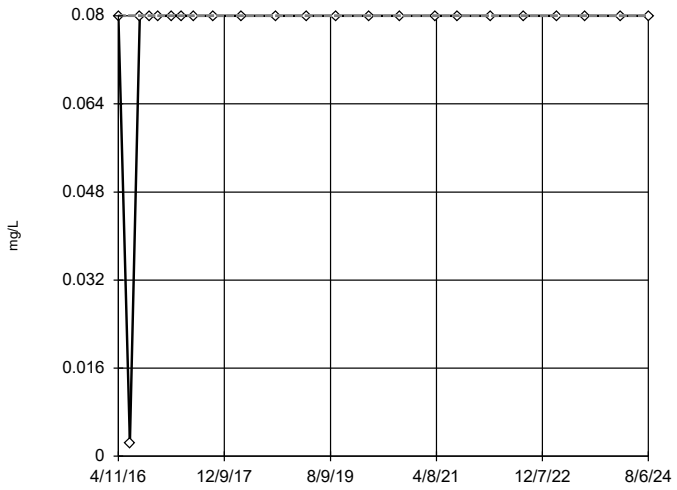
Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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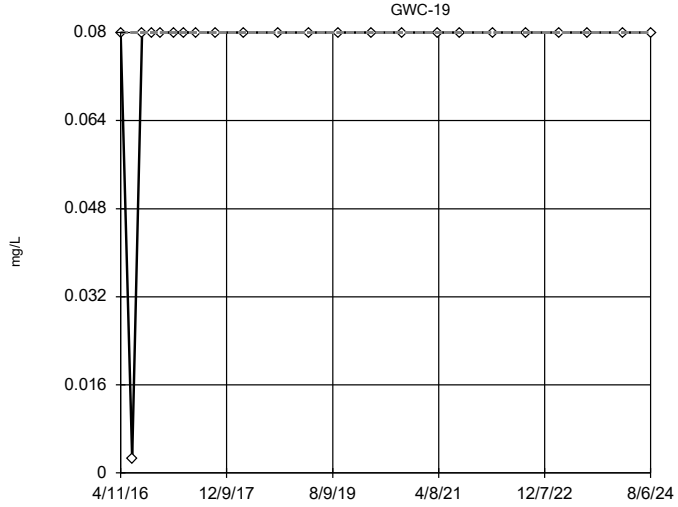
Tukey's Outlier Screening

GWC-19



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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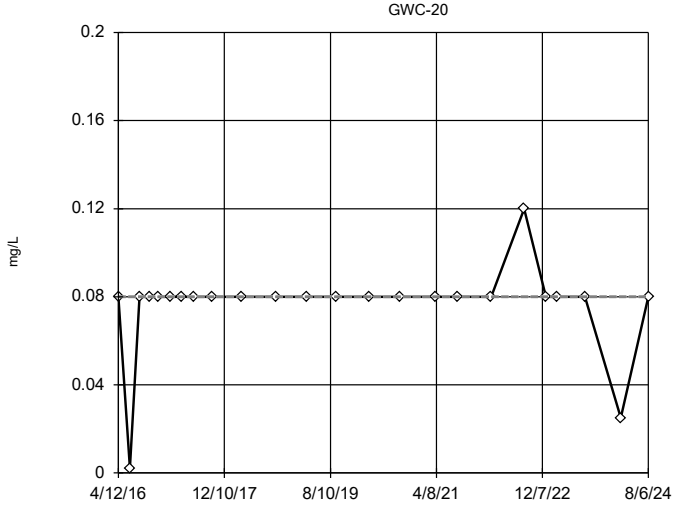
Tukey's Outlier Screening

GWC-20



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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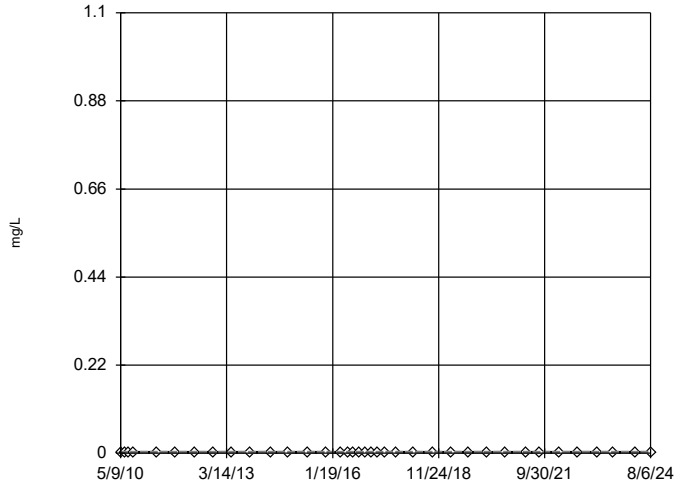
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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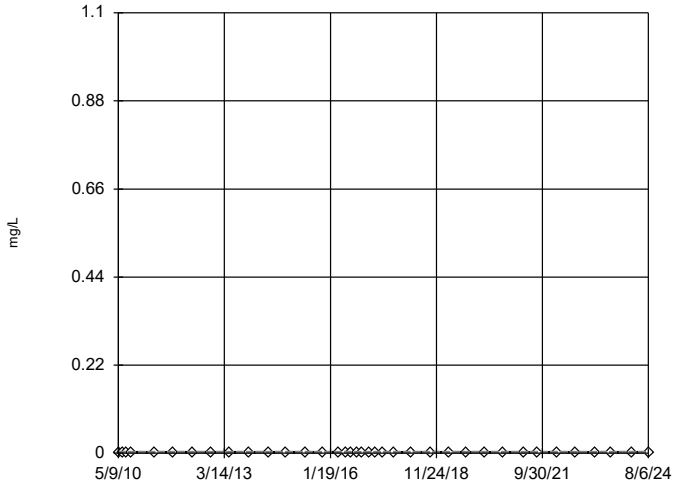
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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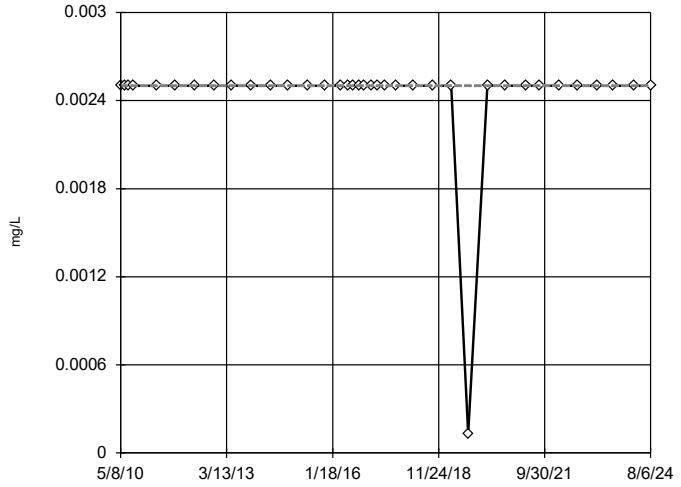
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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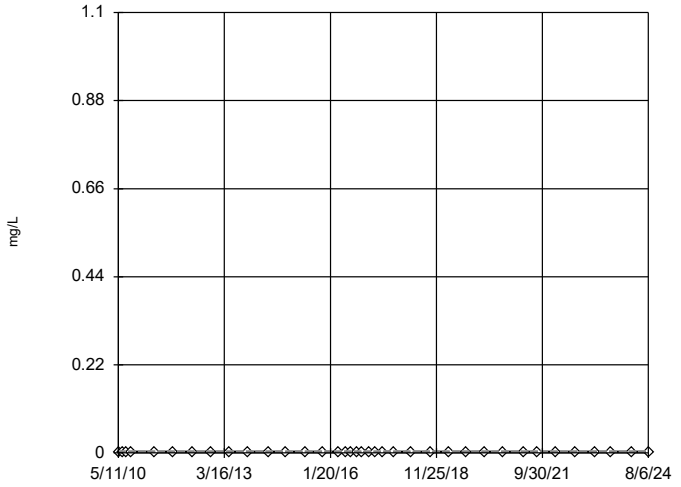
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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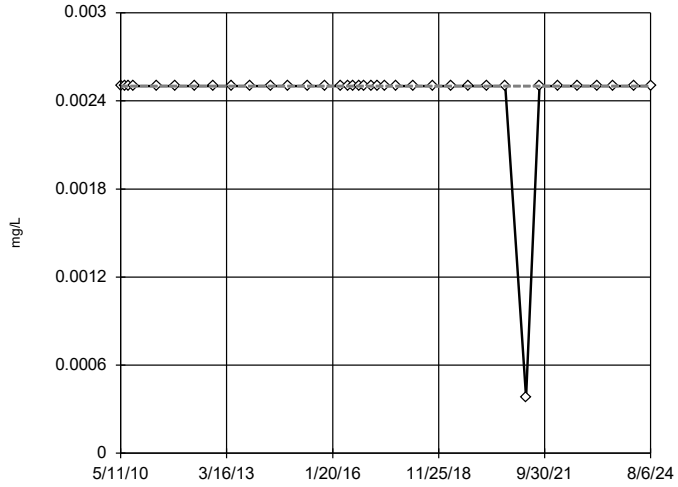
Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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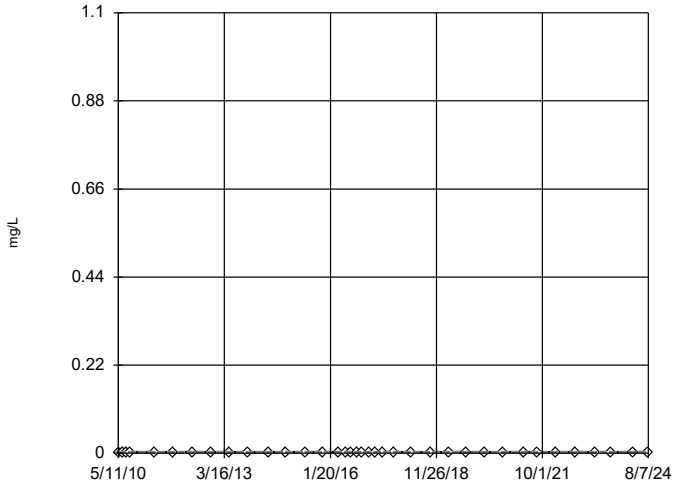
Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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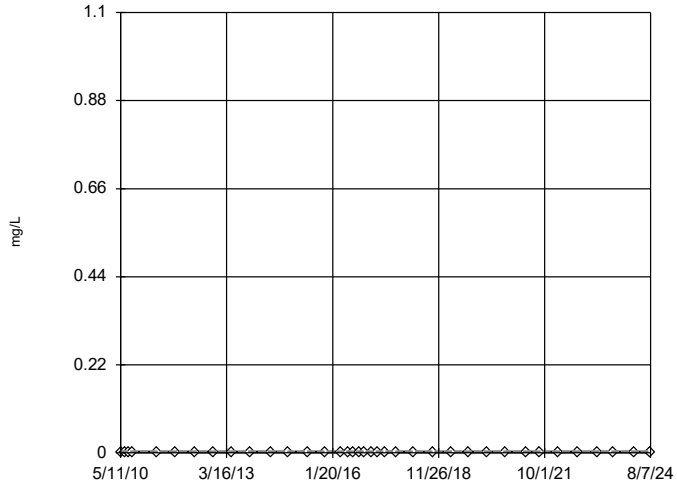
Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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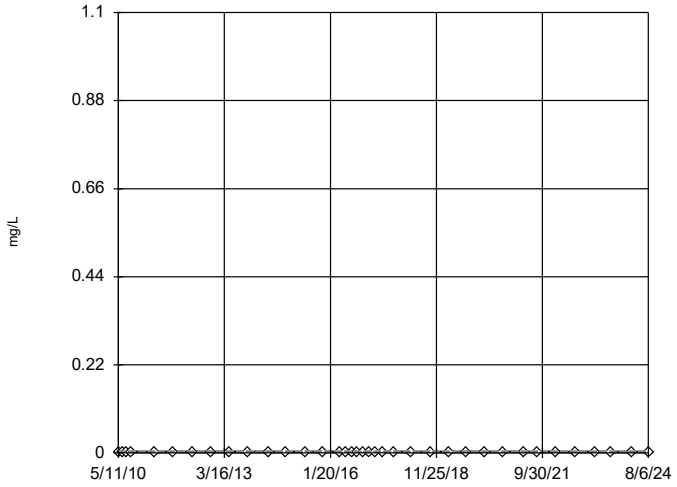
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

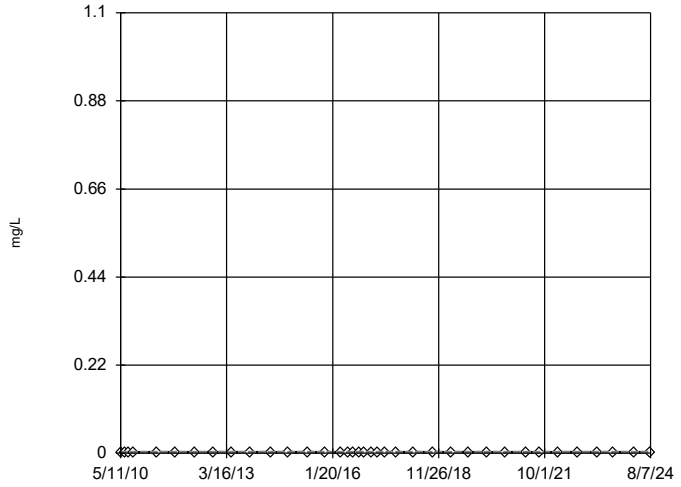
All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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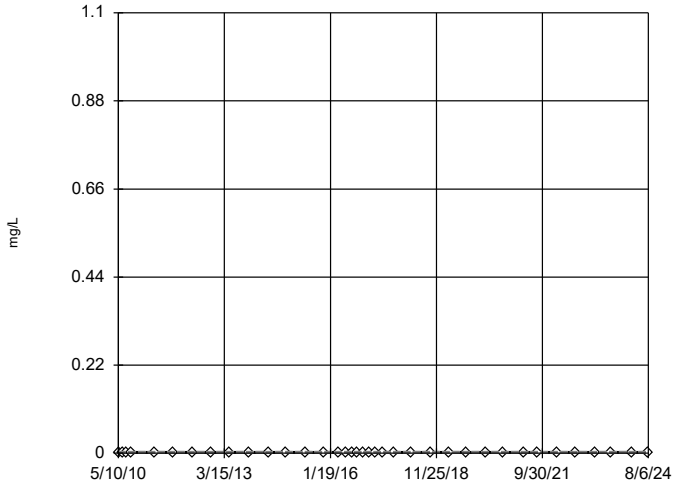
Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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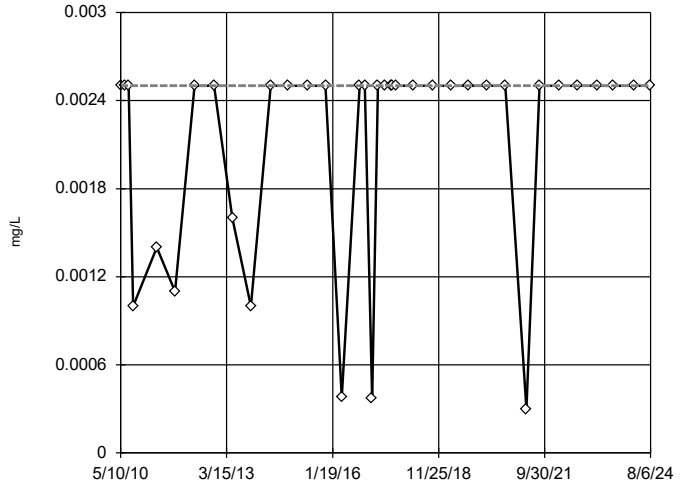
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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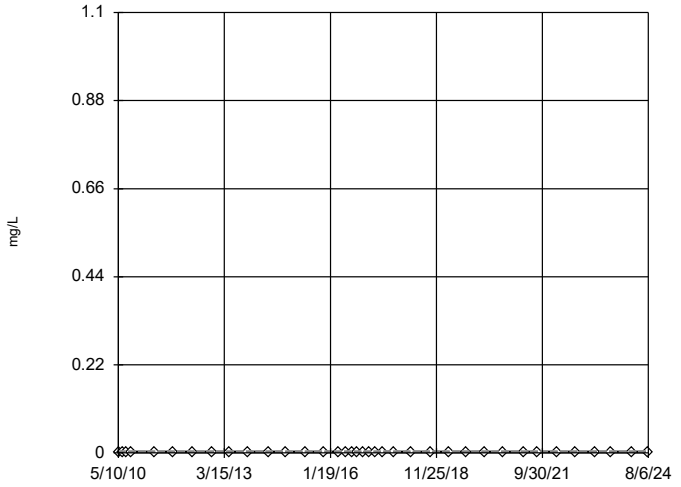
Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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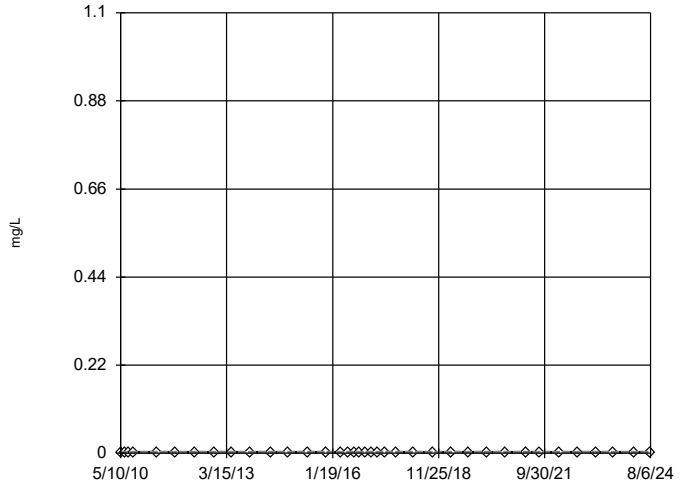
Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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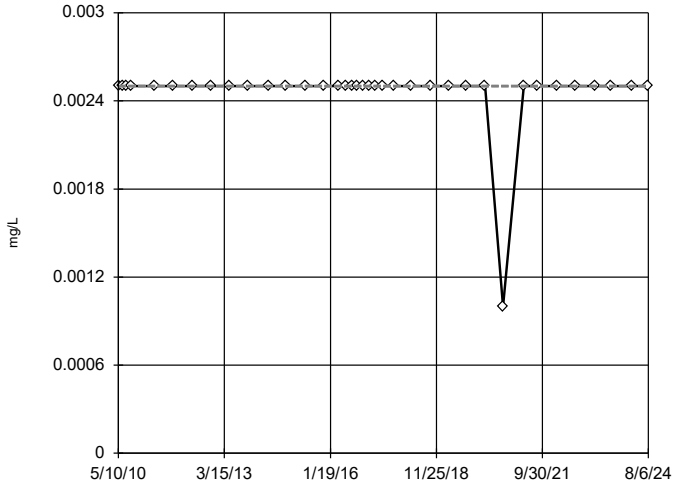
Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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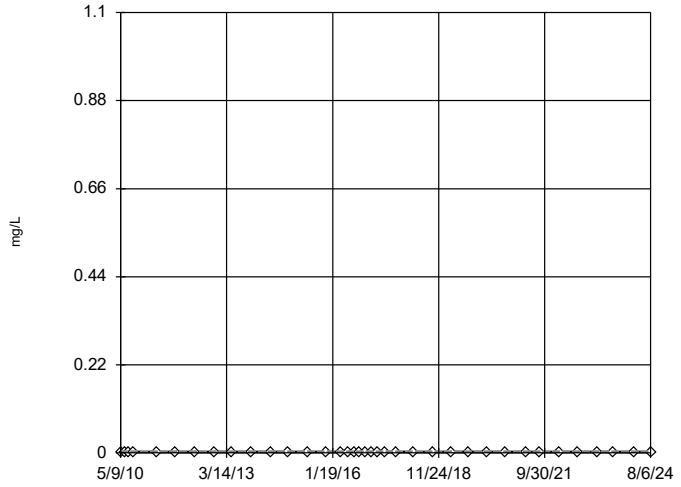
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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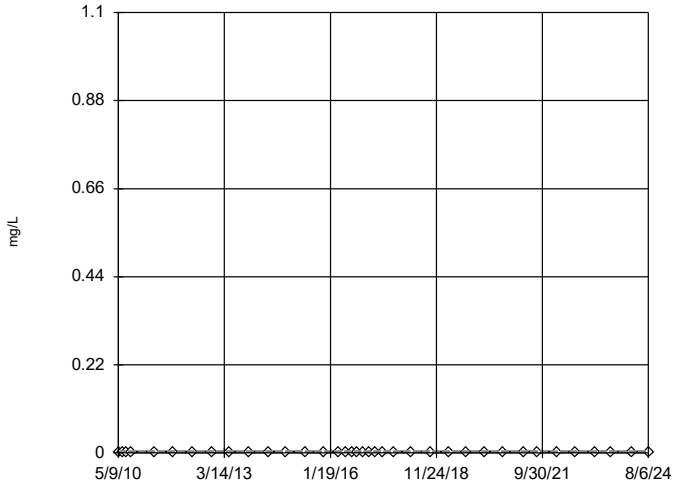
Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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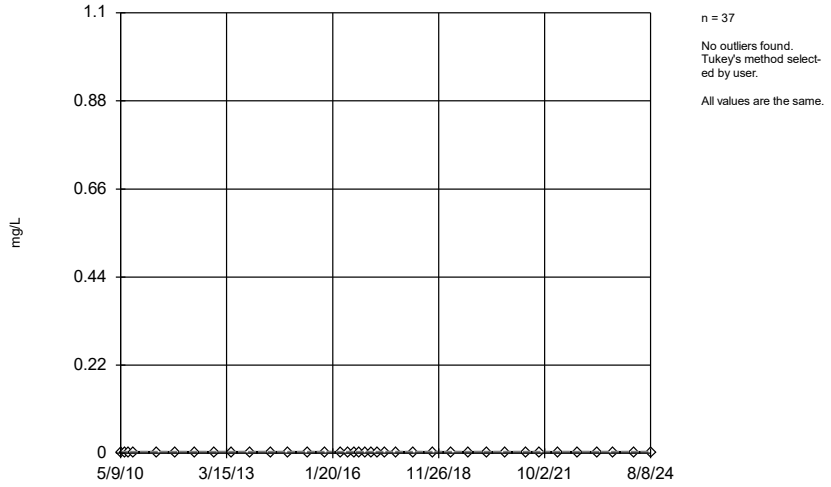
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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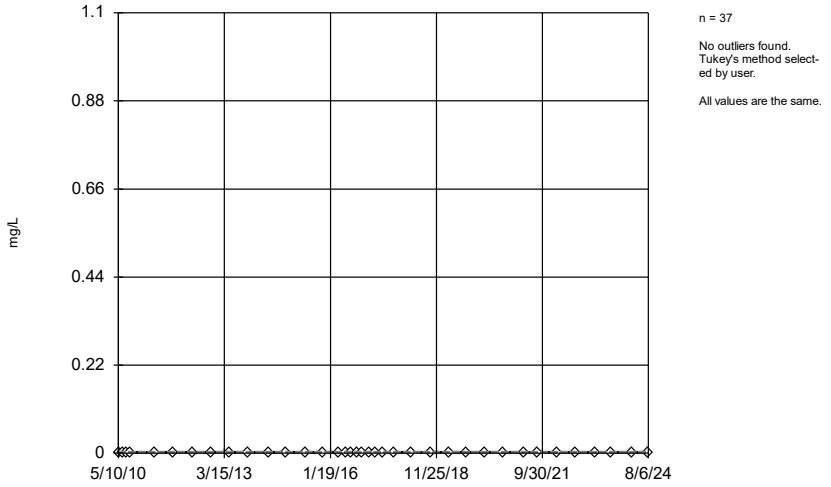
Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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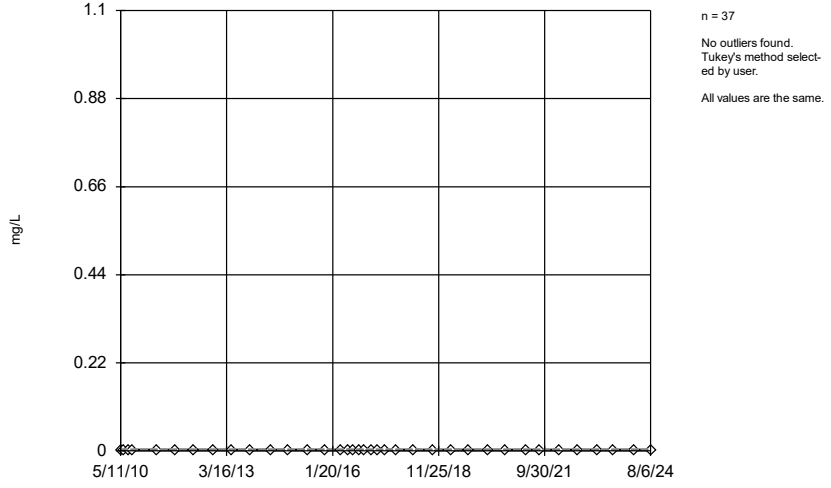
Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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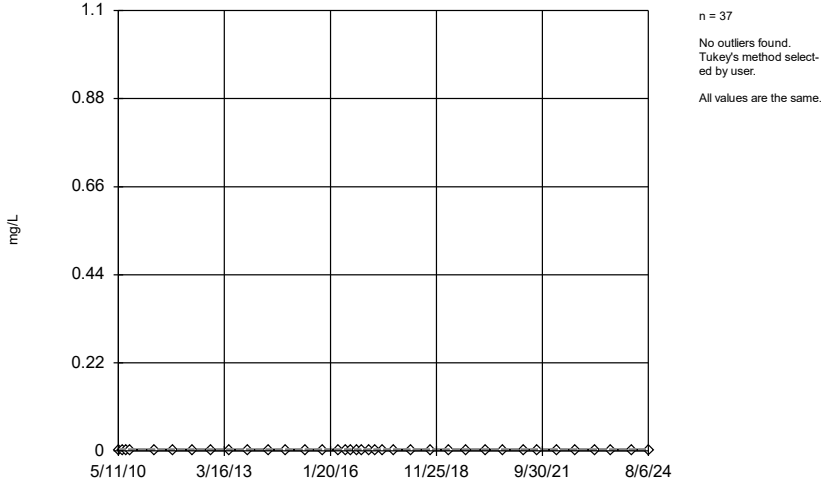
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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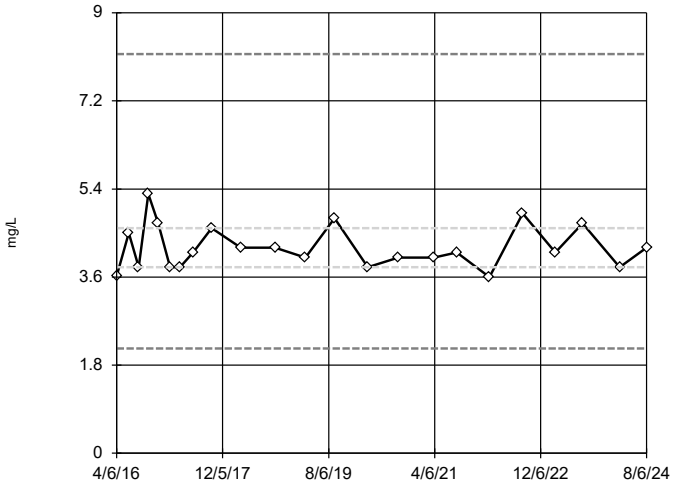
Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.16, low cutoff = 2.142, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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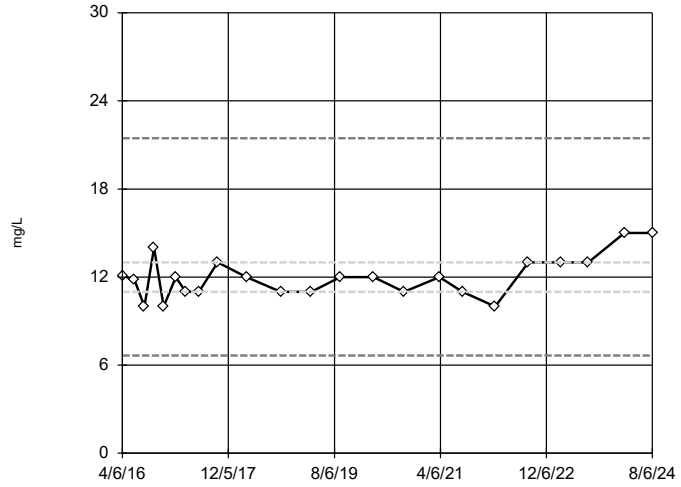
Tukey's Outlier Screening

GWA-16 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 21.46, low cutoff = 6.664, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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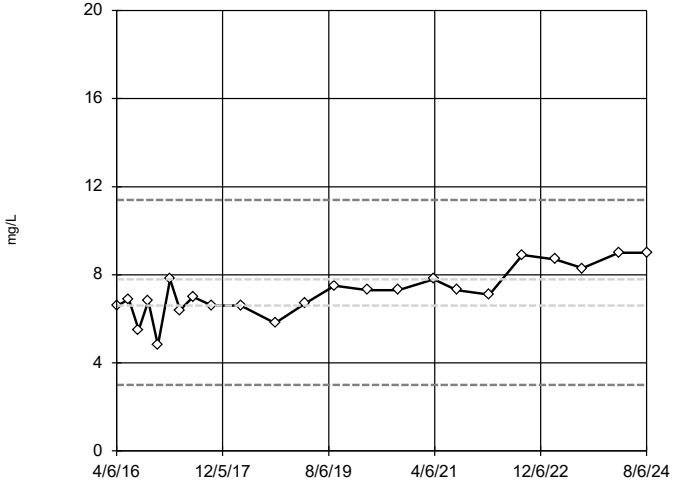
Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 11.4, low cutoff = 3, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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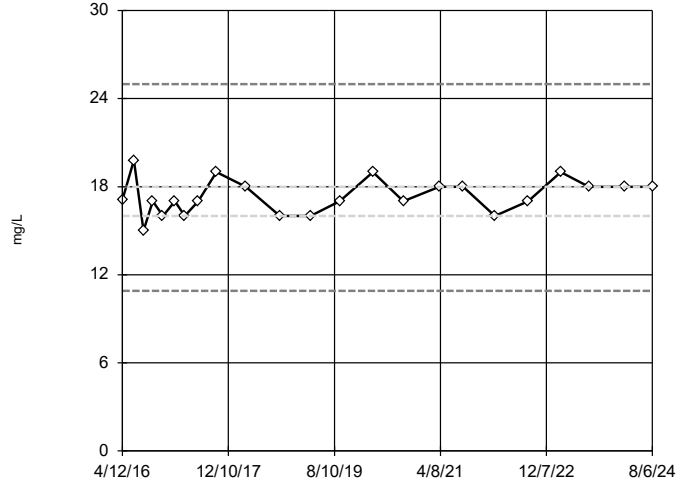
Tukey's Outlier Screening

GWC-1



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 24.99, low cutoff = 10.9, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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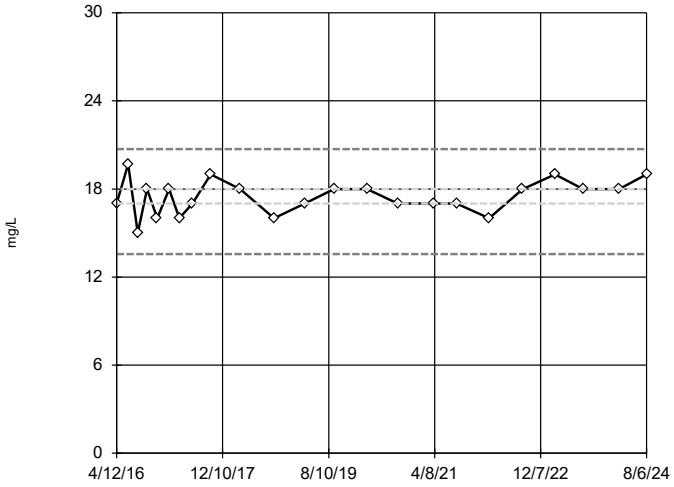
Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 20.71, low cutoff = 13.56, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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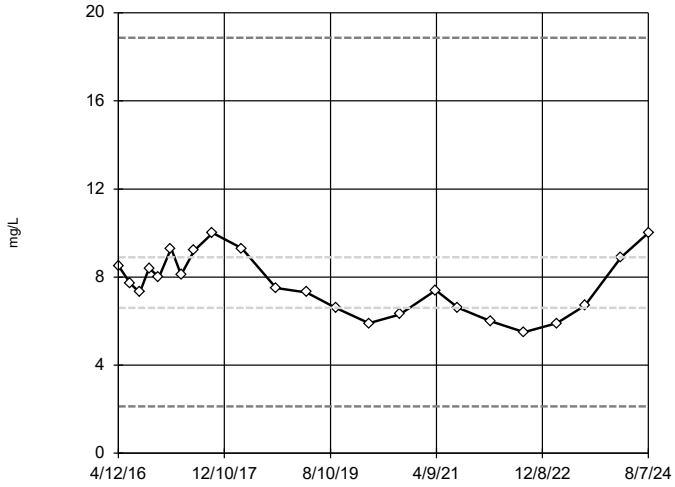
Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 18.87, low cutoff = 2.127, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4

n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 37.63, low cutoff = 5.092, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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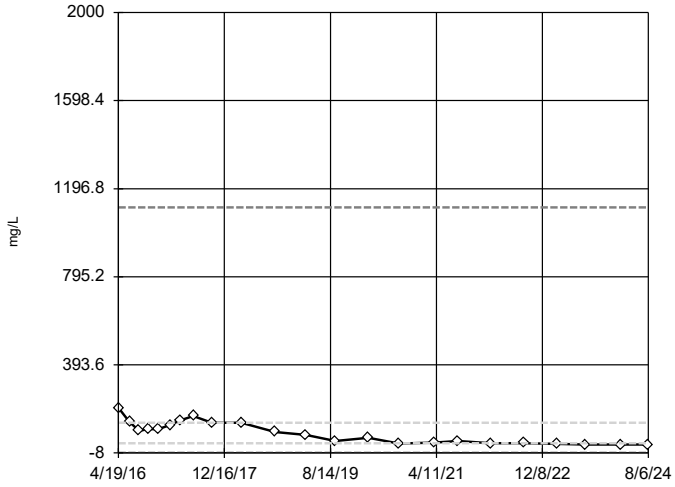
Tukey's Outlier Screening

GWC-5



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1111, low cutoff = -7.877, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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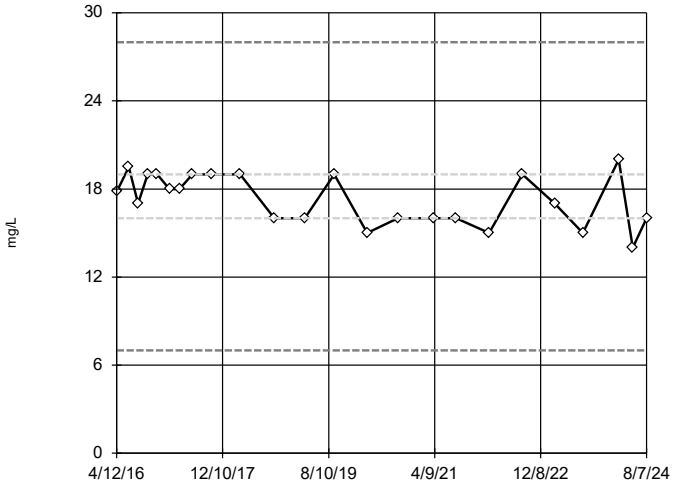
Tukey's Outlier Screening

GWC-6



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 28, low cutoff = 7, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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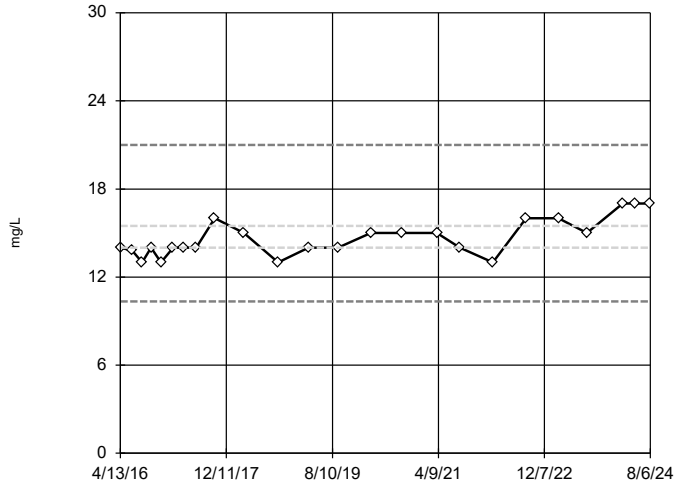
Tukey's Outlier Screening

GWC-7



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 20.99, low cutoff = 10.33, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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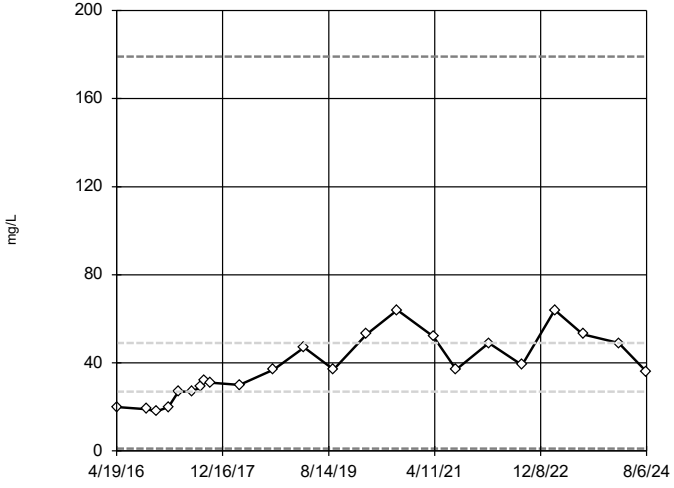
Tukey's Outlier Screening

GWC-8A



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 179.1, low cutoff = 1.068, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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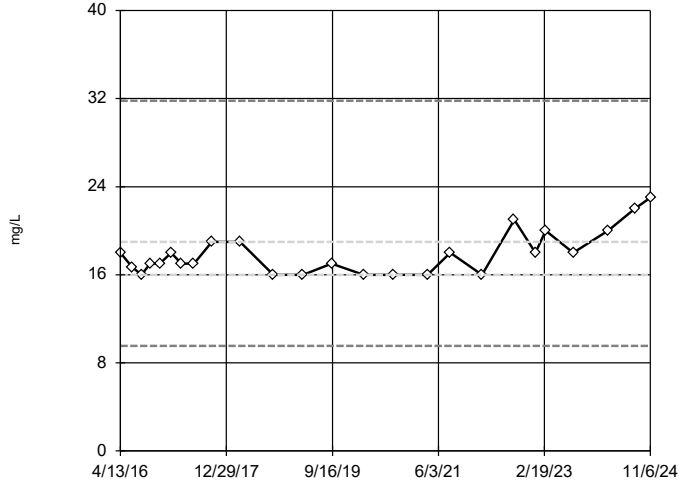
Tukey's Outlier Screening

GWC-9



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

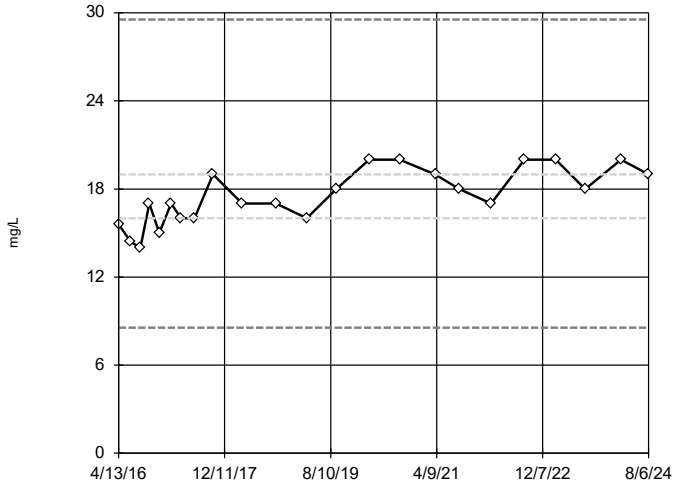
High cutoff = 31.82, low cutoff = 9.555, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-10



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 29.55, low cutoff = 8.546, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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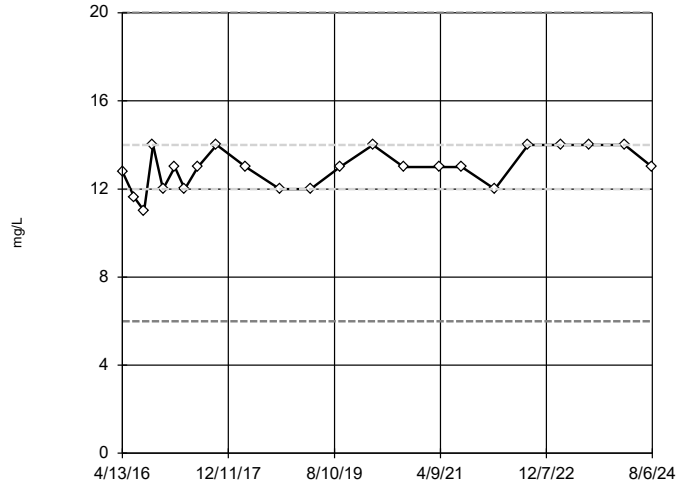
Tukey's Outlier Screening

GWC-11



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 20, low cutoff = 6, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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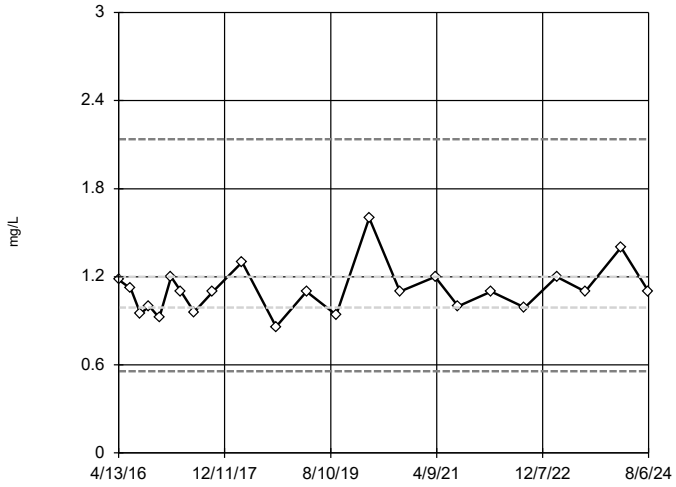
Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.137, low cutoff = 0.5559, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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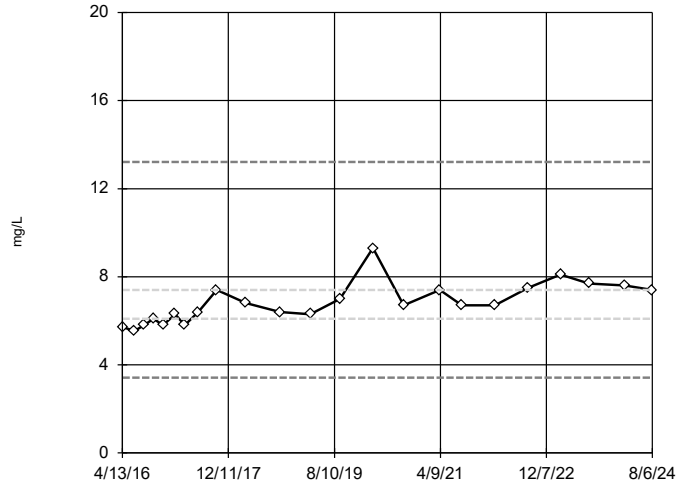
Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 13.21, low cutoff = 3.417, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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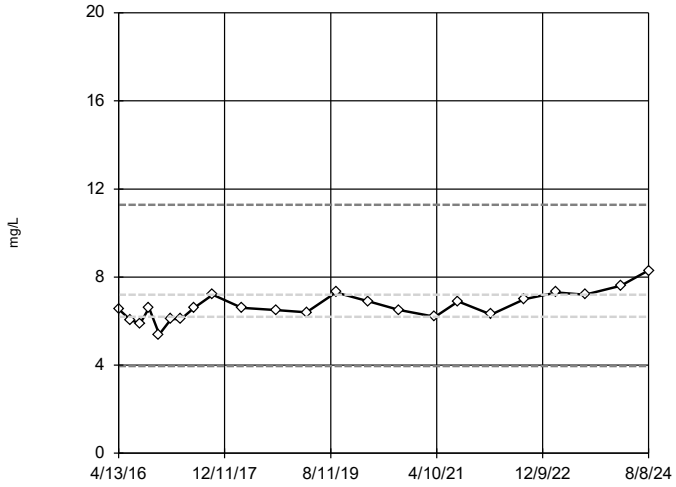
Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 11.28, low cutoff = 3.959, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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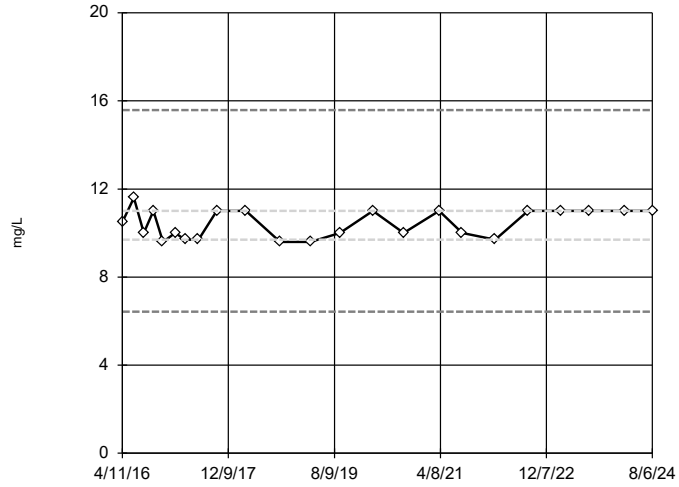
Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 15.59, low cutoff = 6.422, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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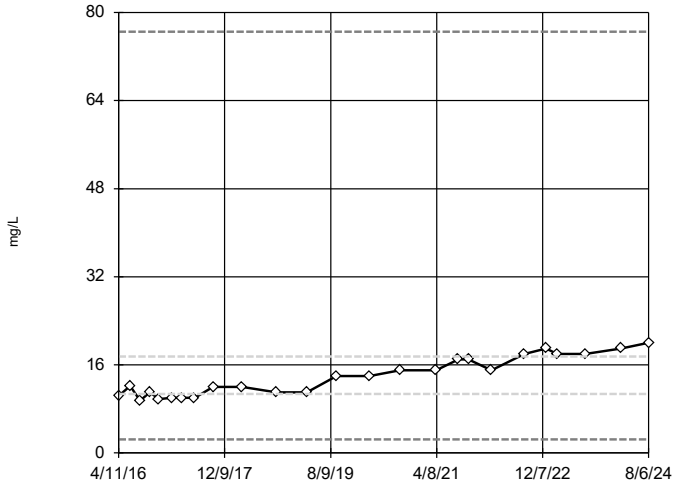
Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 76.53, low cutoff = 2.445, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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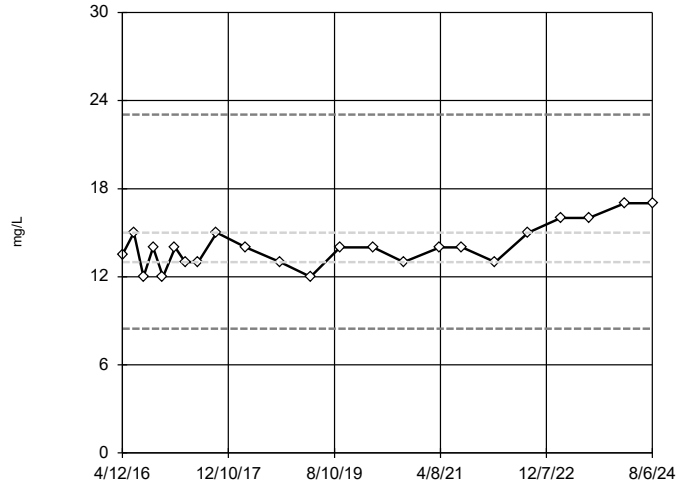
Tukey's Outlier Screening

GWC-20



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

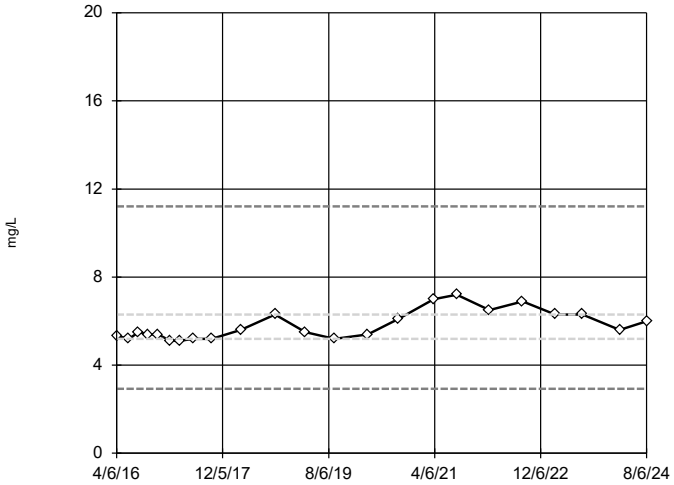
High cutoff = 23.04, low cutoff = 8.463, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 11.2, low cutoff = 2.924, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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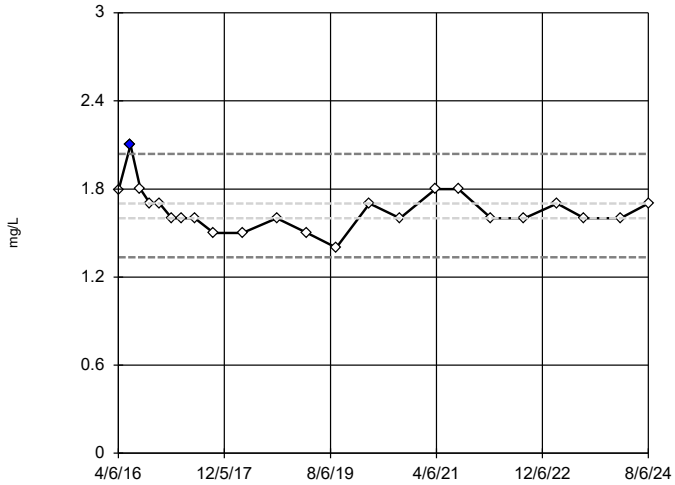
Tukey's Outlier Screening

GWA-16 (bg)



n = 23

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.039, low cutoff = 1.334, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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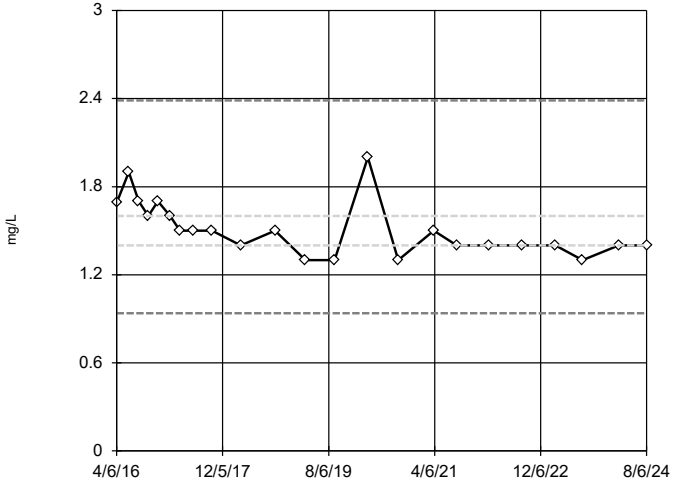
Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.388, low cutoff = 0.9379, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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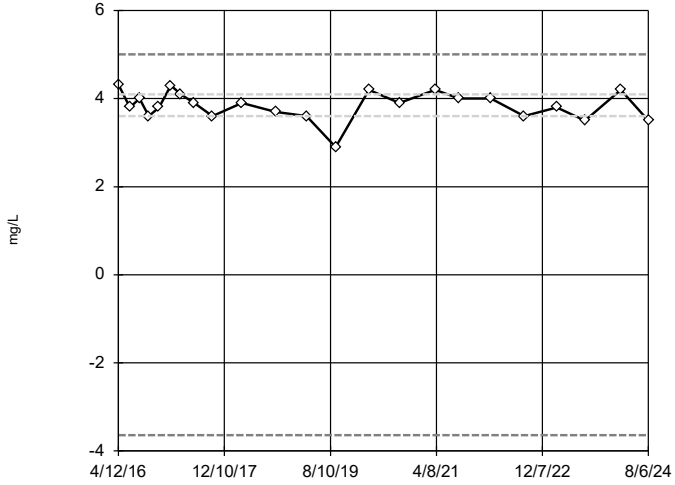
Tukey's Outlier Screening

GWC-1



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

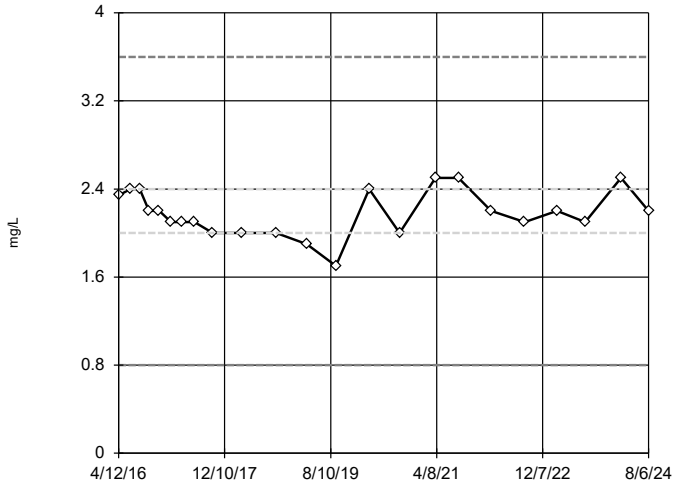
High cutoff = 5.003, low cutoff = -3.642, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 3.6, low cutoff = 0.8, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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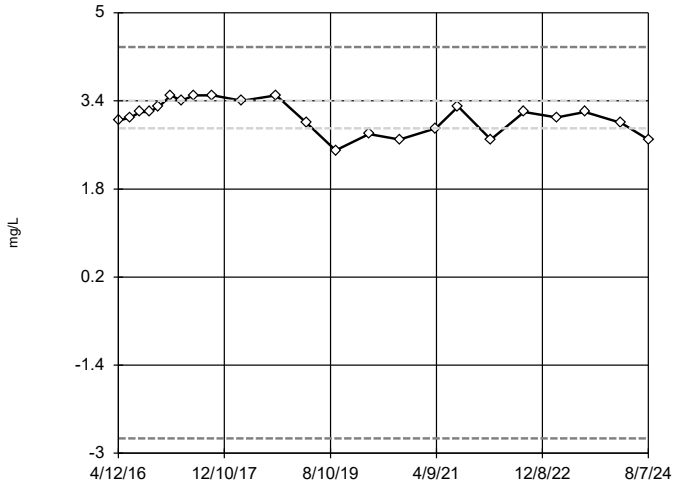
Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.38, low cutoff = -2.73, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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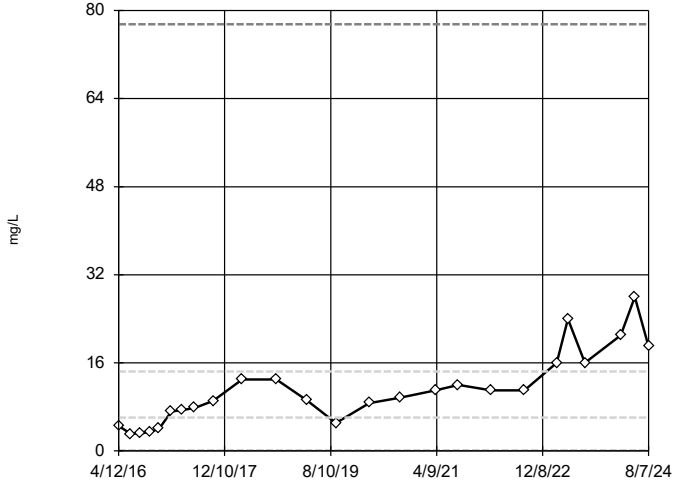
Tukey's Outlier Screening

GWC-4



n = 25

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 77.52, low cutoff = -1.1e-8, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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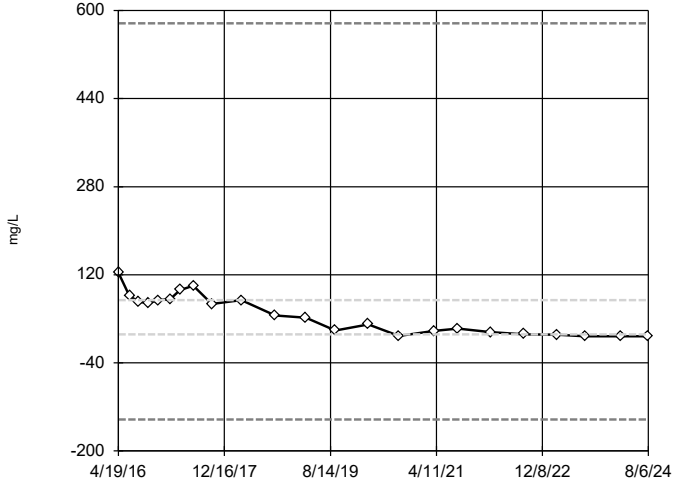
Tukey's Outlier Screening

GWC-5



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 576.8, low cutoff = -142.8, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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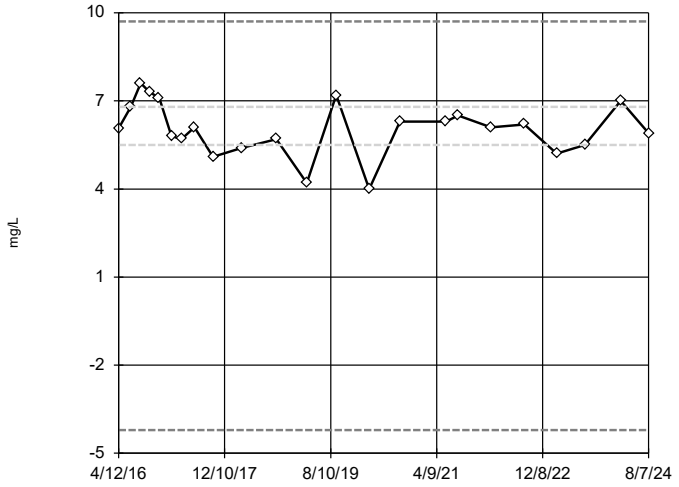
Tukey's Outlier Screening

GWC-6



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.706, low cutoff = -4.21, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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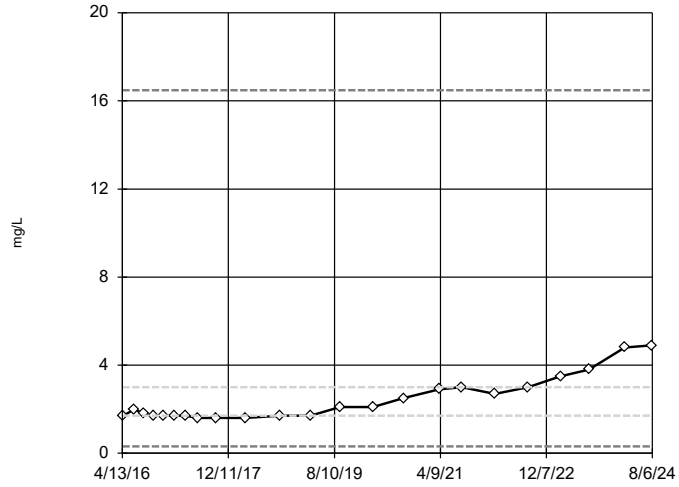
Tukey's Outlier Screening

GWC-7



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 16.49, low cutoff = 0.3093, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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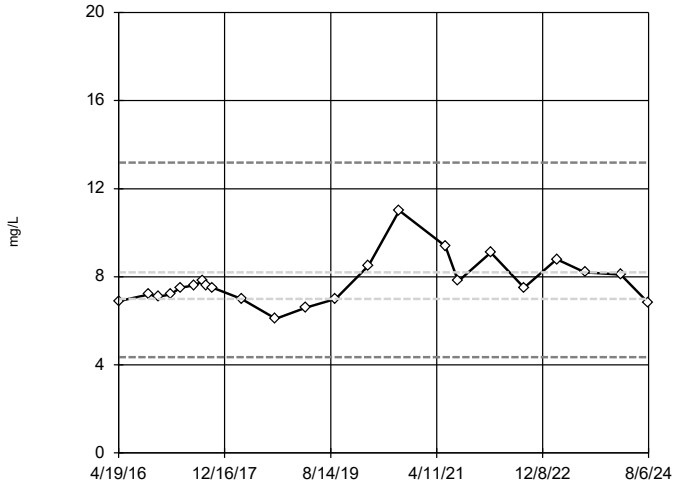
Tukey's Outlier Screening

GWC-8A



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 13.18, low cutoff = 4.355, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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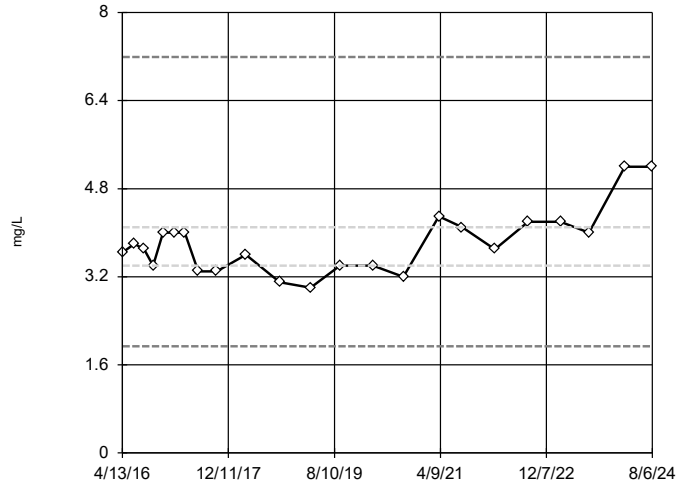
Tukey's Outlier Screening

GWC-9



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.189, low cutoff = 1.939, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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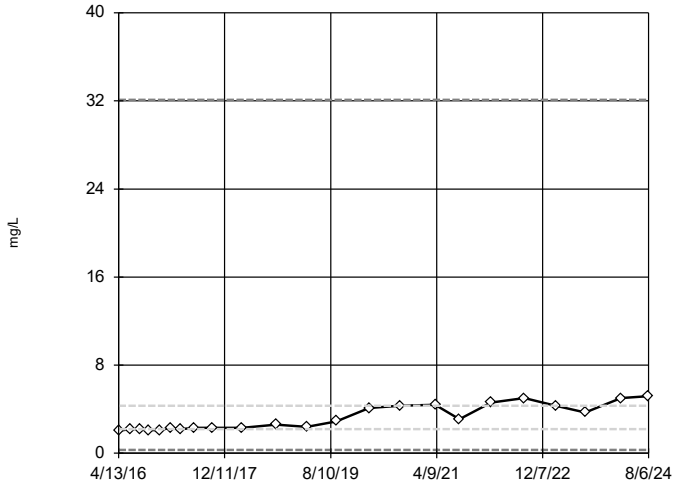
Tukey's Outlier Screening

GWC-10



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 32.11, low cutoff = 0.2946, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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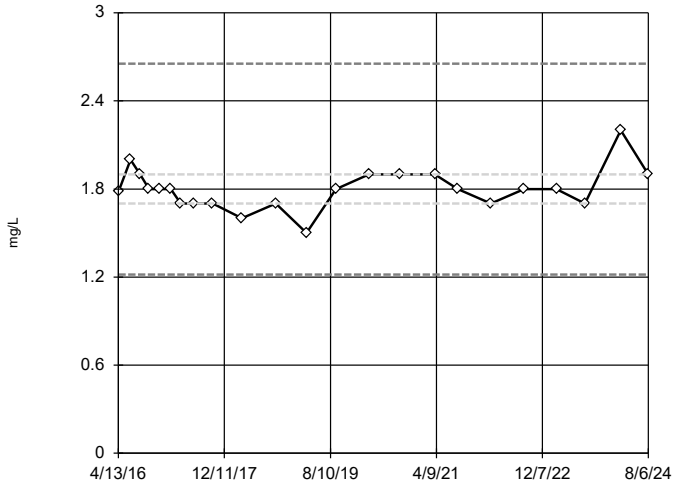
Tukey's Outlier Screening

GWC-11



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.653, low cutoff = 1.218, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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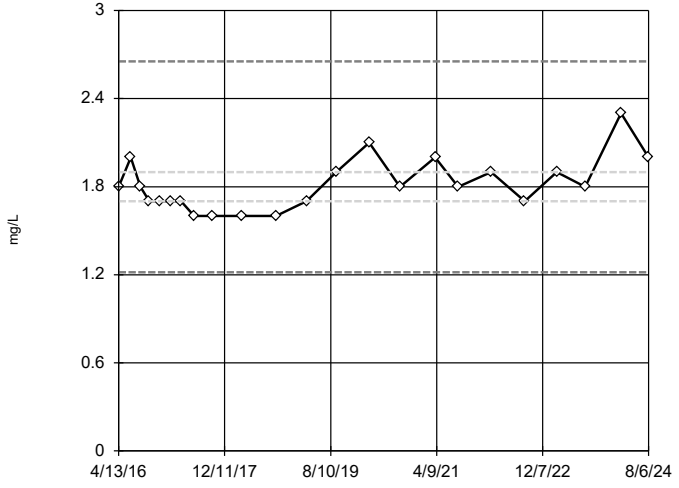
Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.653, low cutoff = 1.218, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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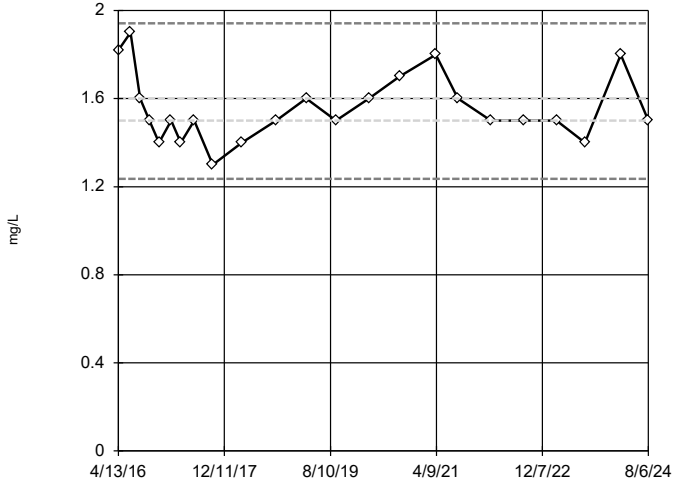
Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

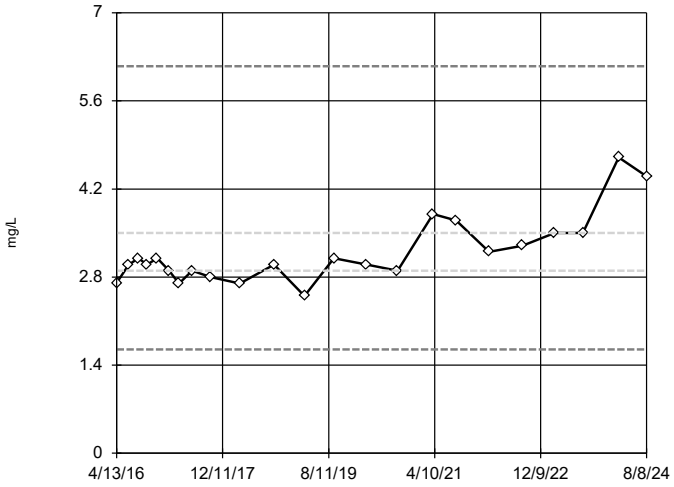
High cutoff = 1.942, low cutoff = 1.236, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.153, low cutoff = 1.65, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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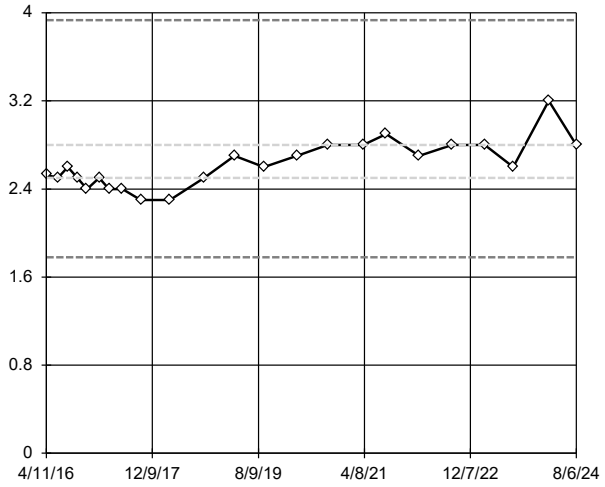
Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.934, low cutoff = 1.779, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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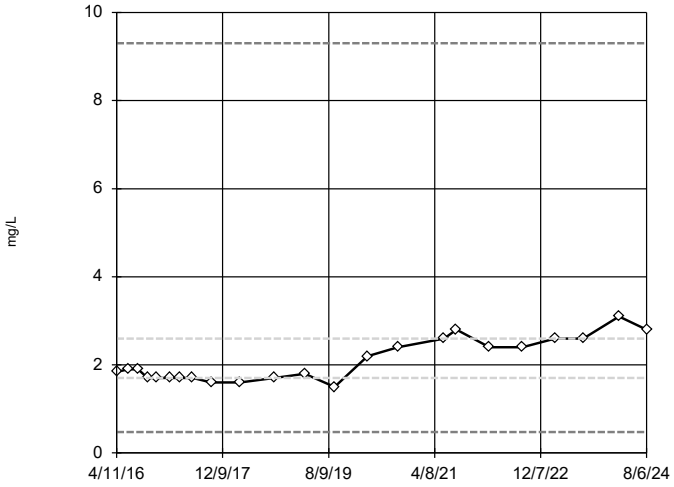
Tukey's Outlier Screening

GWC-19



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.301, low cutoff = 0.4752, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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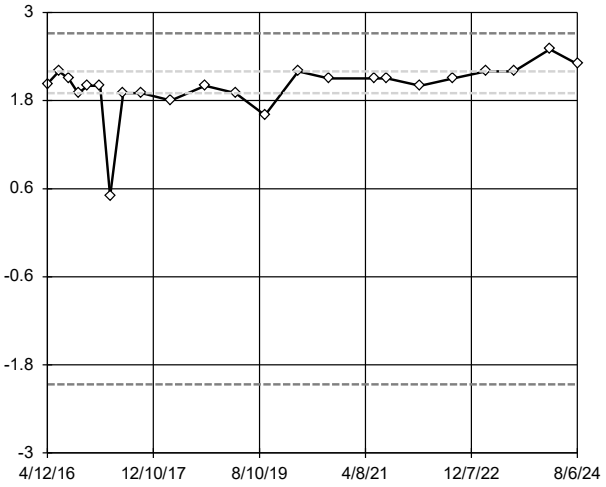
Tukey's Outlier Screening

GWC-20



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.718, low cutoff = -2.064, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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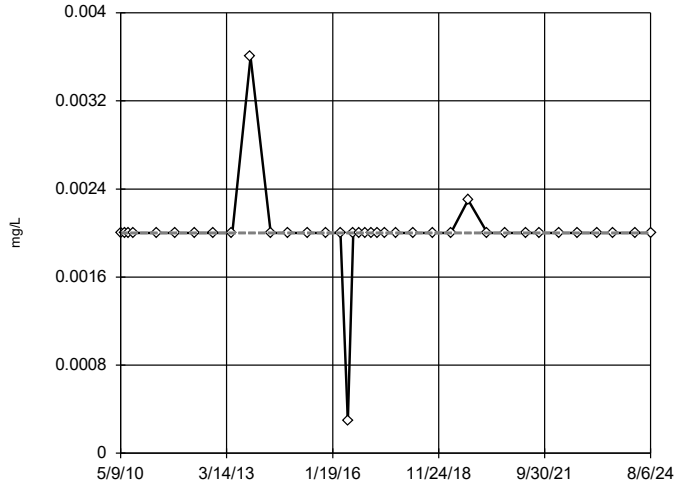
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

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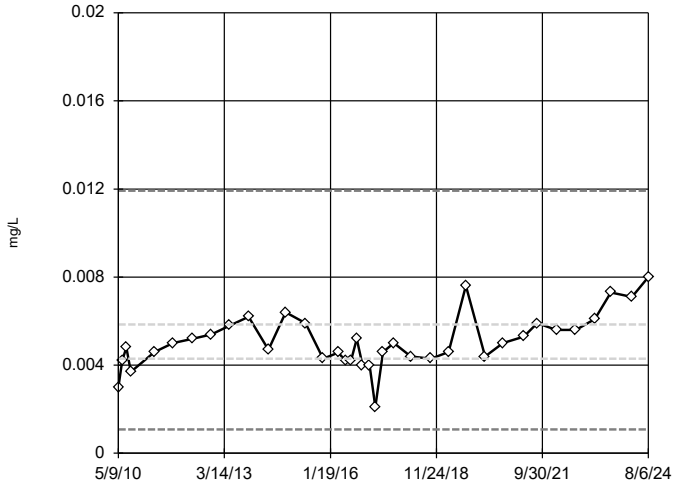
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01193, low cutoff = 0.001079, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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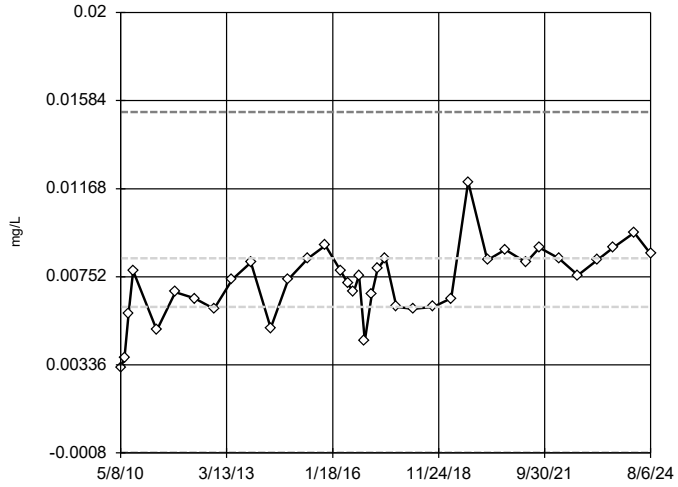
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0153, low cutoff = -0.0008, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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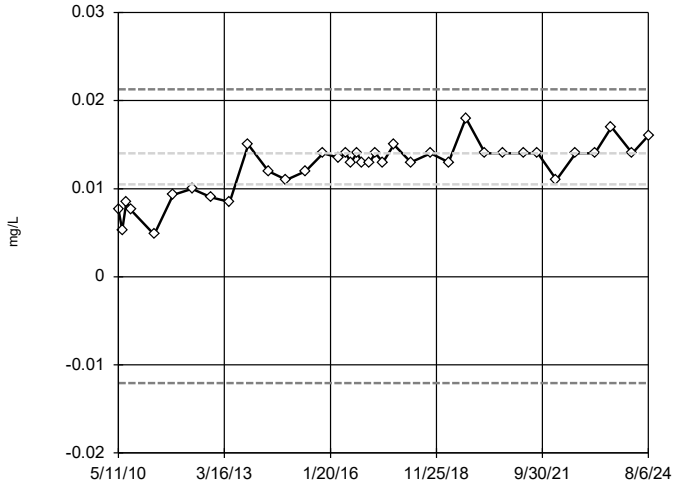
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02127, low cutoff = -0.01208, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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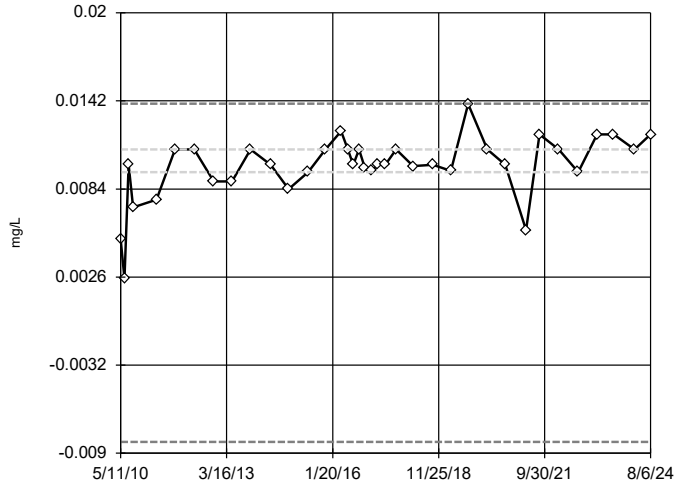
Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01401, low cutoff = -0.00826, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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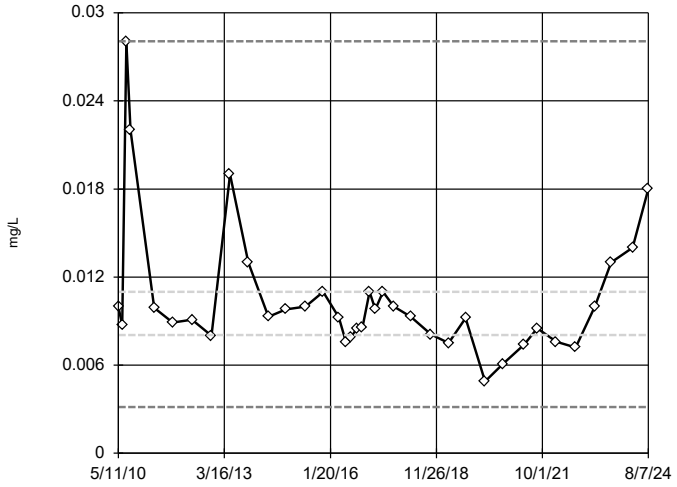
Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02807, low cutoff = 0.003155, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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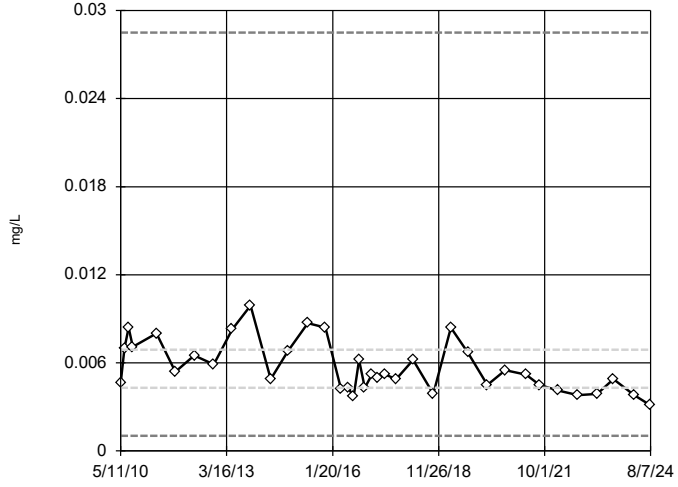
Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0285, low cutoff = 0.001041, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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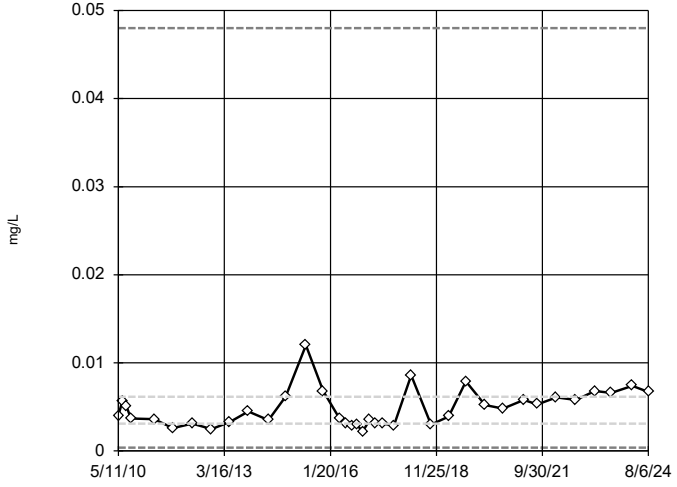
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04801, low cutoff = 0.0003971, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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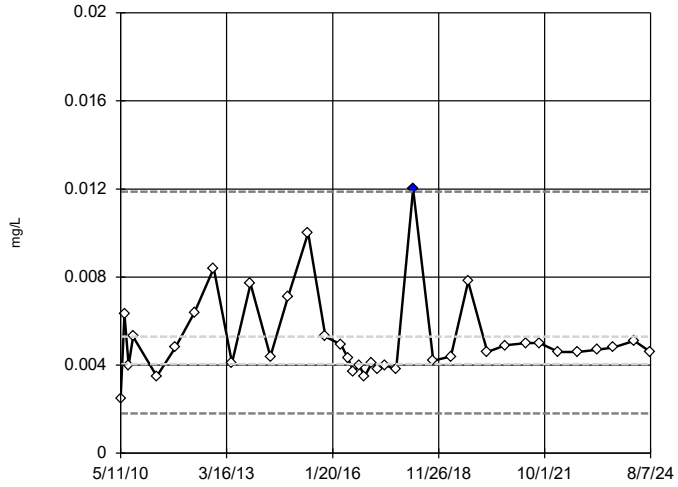
Tukey's Outlier Screening

GWC-6



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01188, low cutoff = 0.001807, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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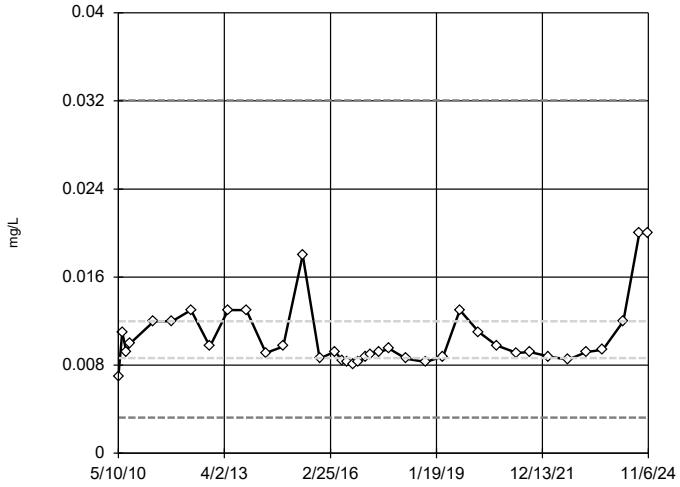
Tukey's Outlier Screening

GWC-7



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03204, low cutoff = 0.00324, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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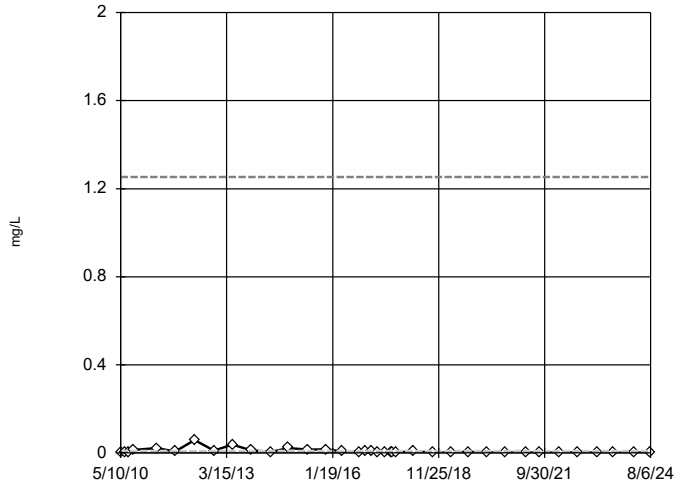
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.253, low cutoff = 0.00001598, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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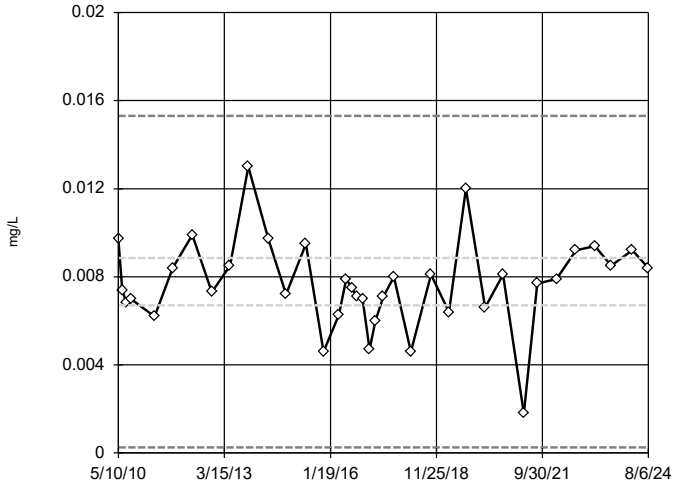
Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0153, low cutoff = 0.00025, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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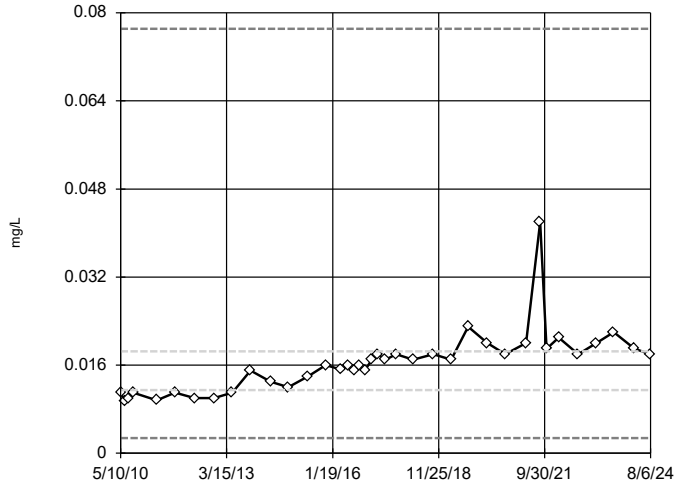
Tukey's Outlier Screening

GWC-10



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.07712, low cutoff = 0.002755, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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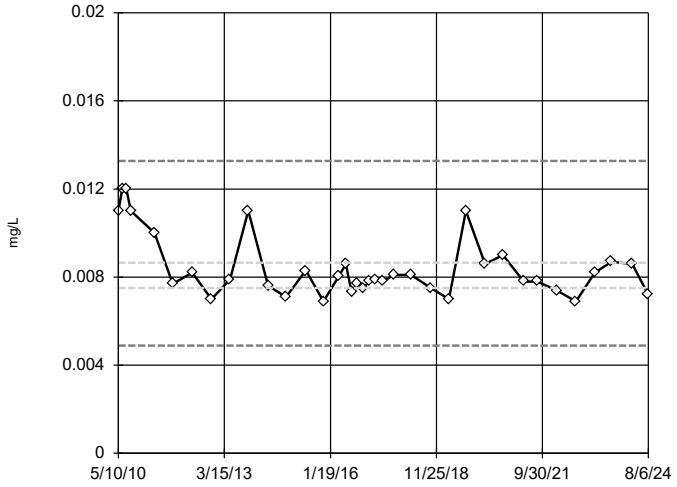
Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01327, low cutoff = 0.004889, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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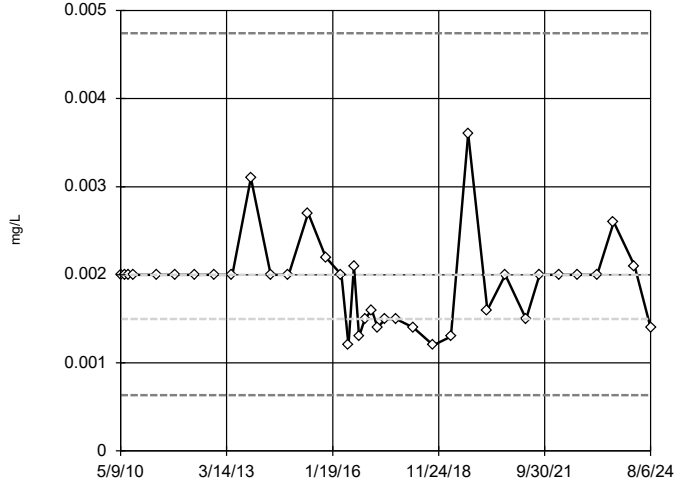
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.004741, low cutoff = 0.0006328, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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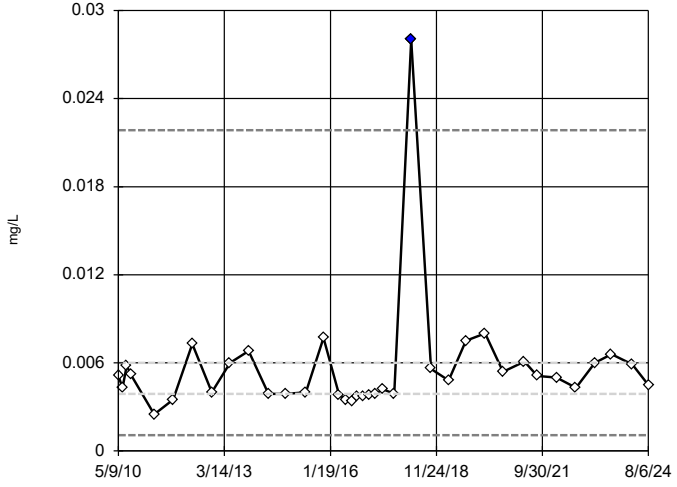
Tukey's Outlier Screening

GWC-13



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02185, low cutoff = 0.001071, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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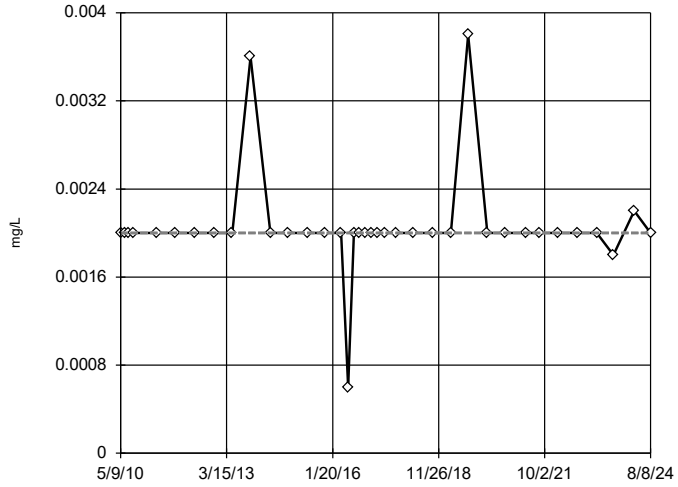
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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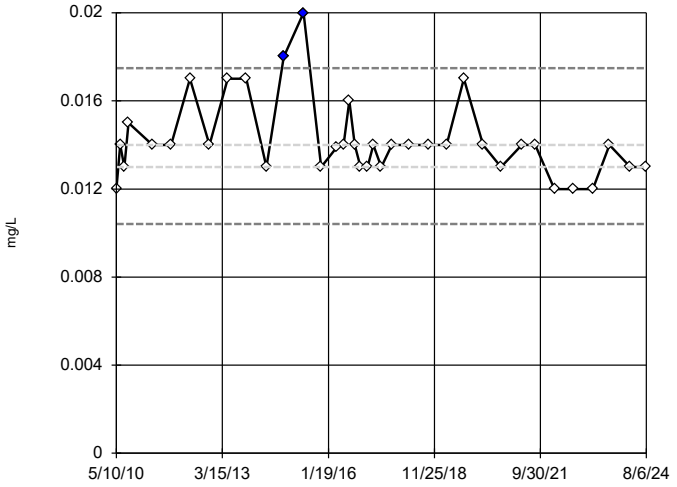
Tukey's Outlier Screening

GWC-18



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01749, low cutoff = 0.01041, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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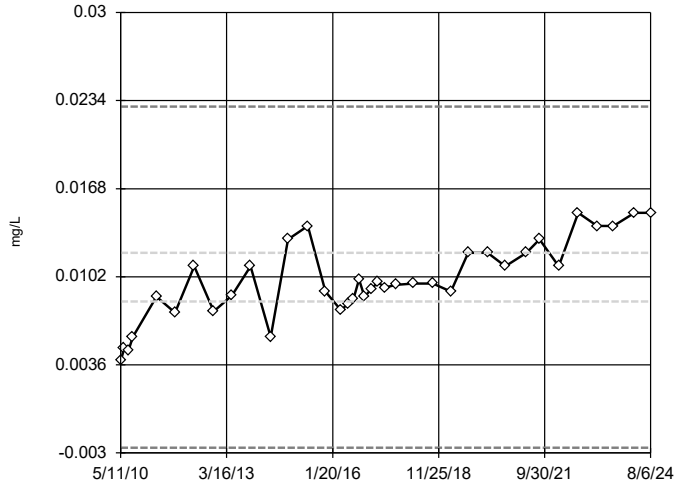
Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.02295, low cutoff = -0.0026, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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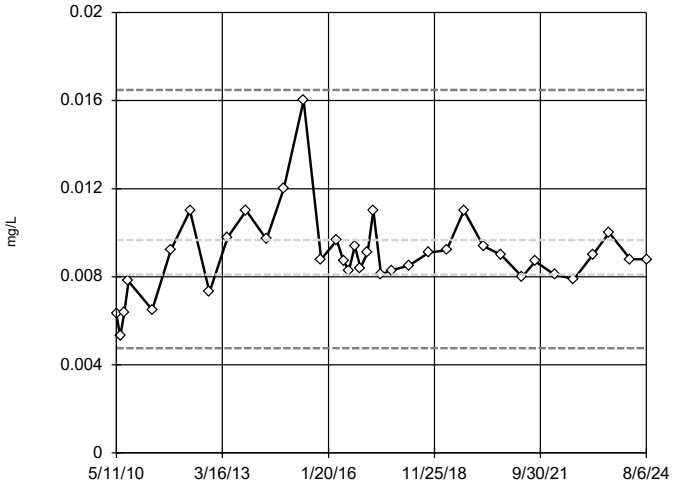
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01649, low cutoff = 0.004753, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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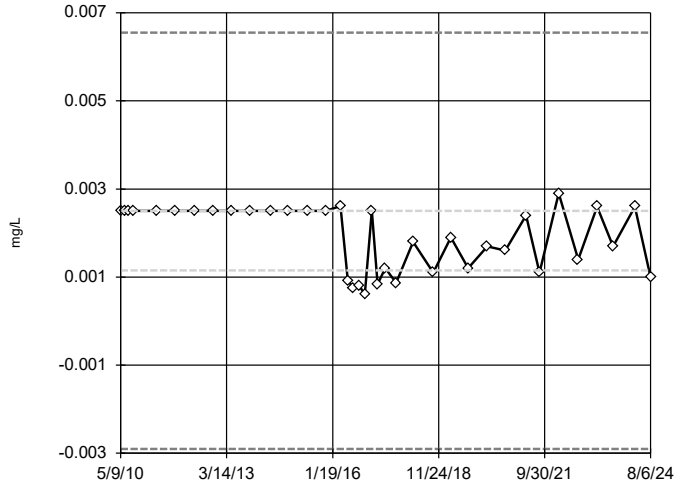
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.00655, low cutoff = -0.0029, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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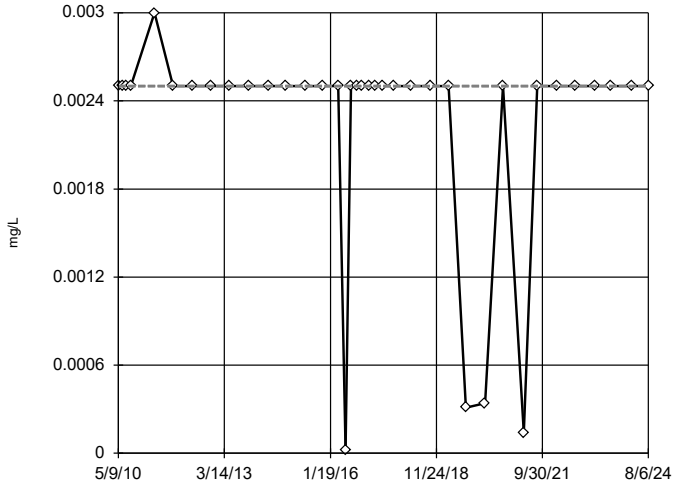
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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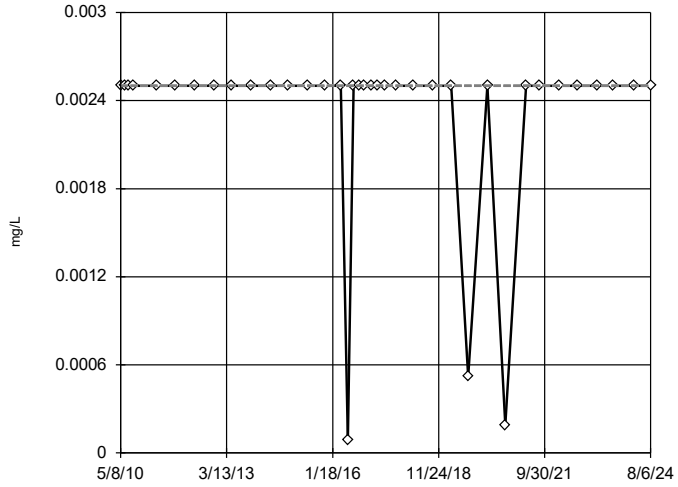
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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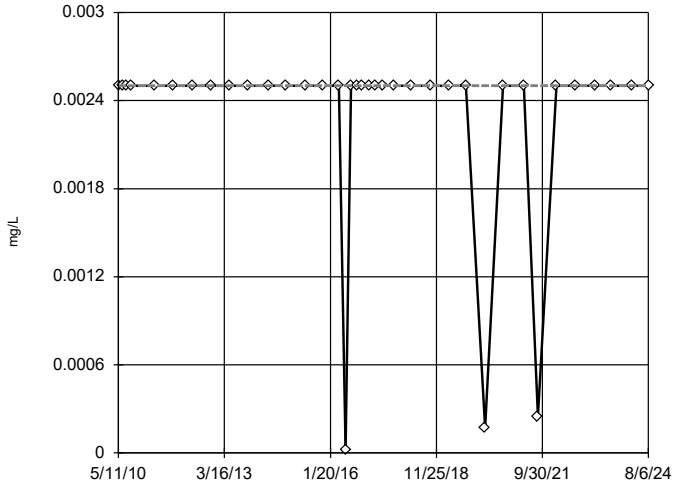
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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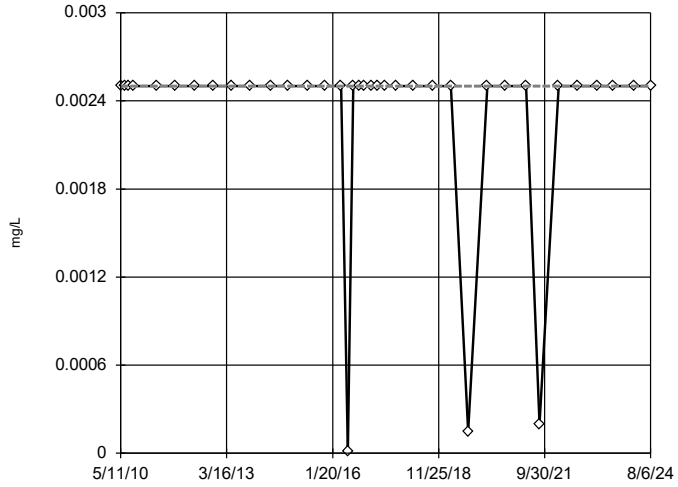
Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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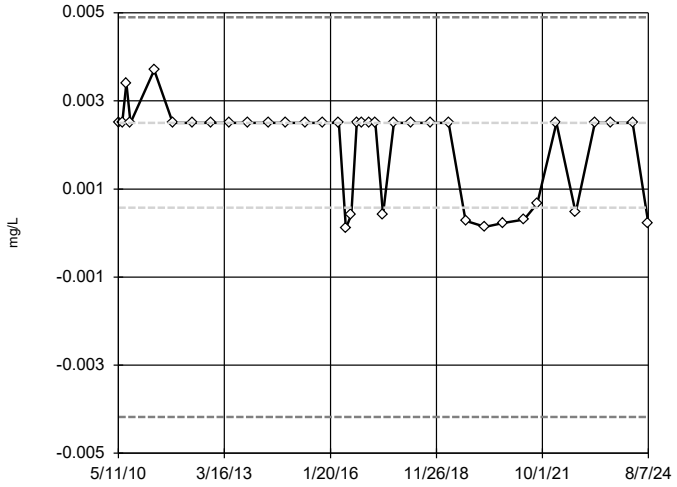
Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0049, low cutoff = -0.004175, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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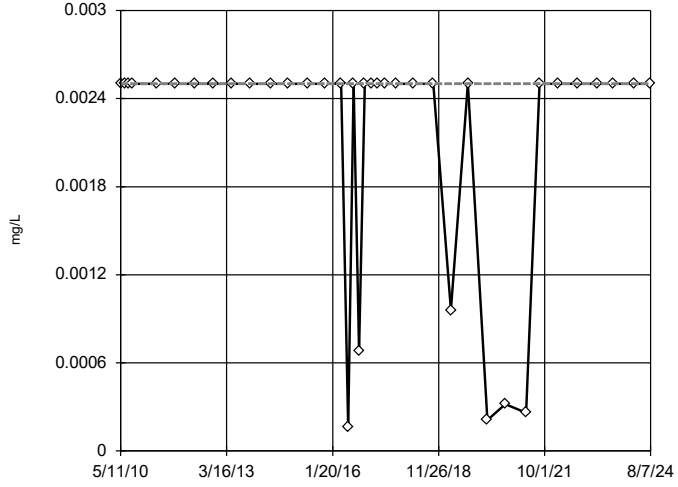
Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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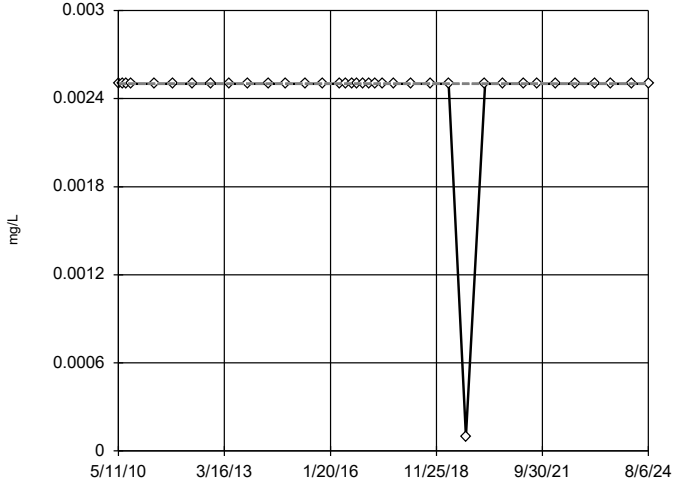
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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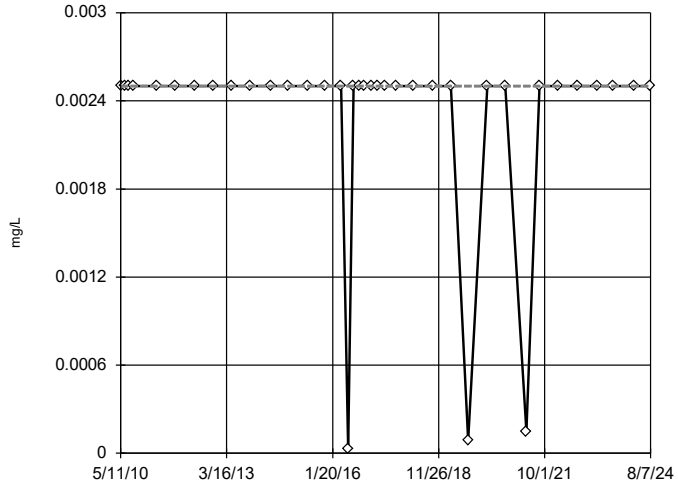
Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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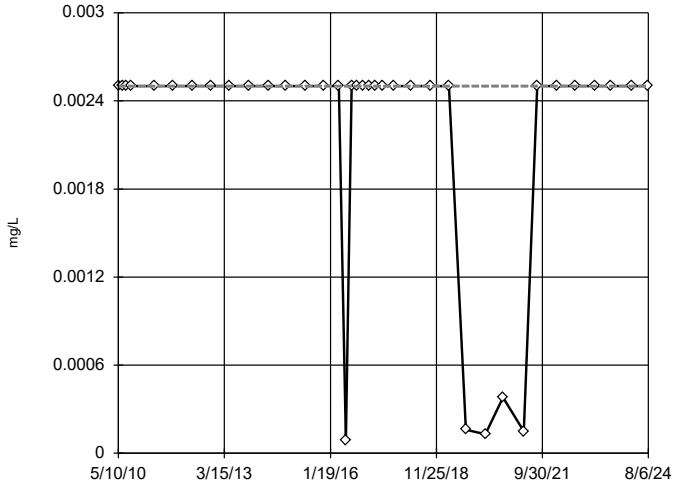
Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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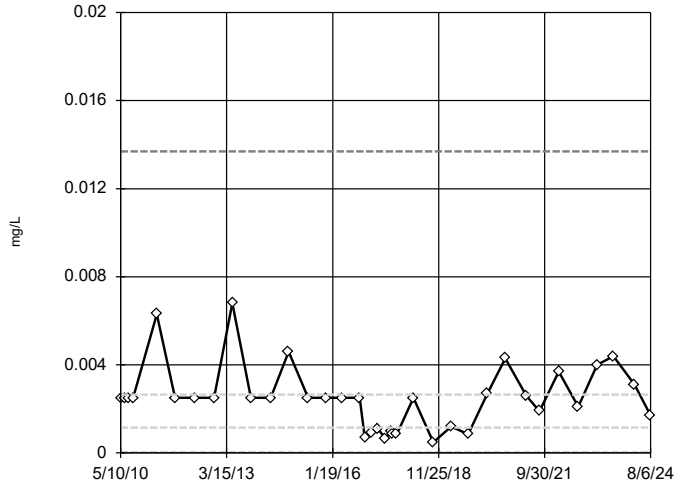
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0137, low cutoff = 5.7e-8, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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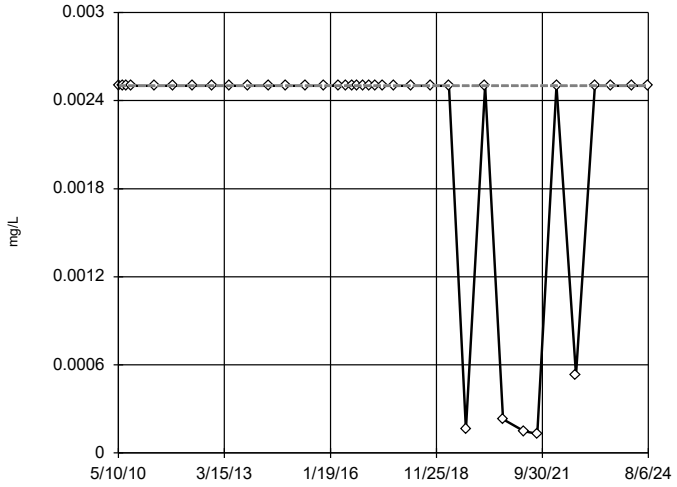
Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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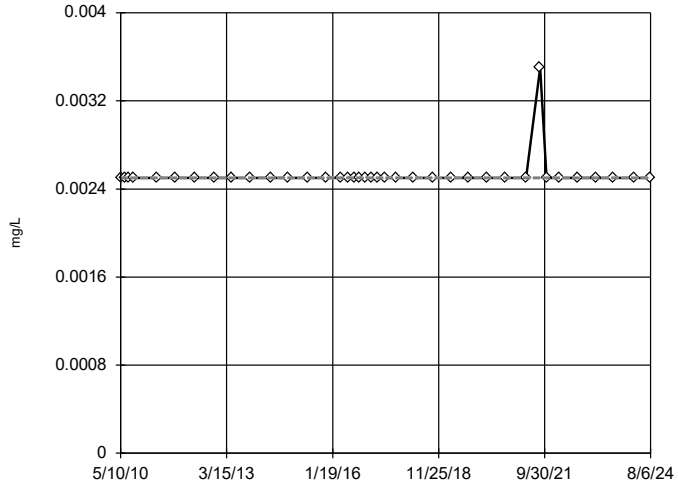
Tukey's Outlier Screening

GWC-10



n = 38

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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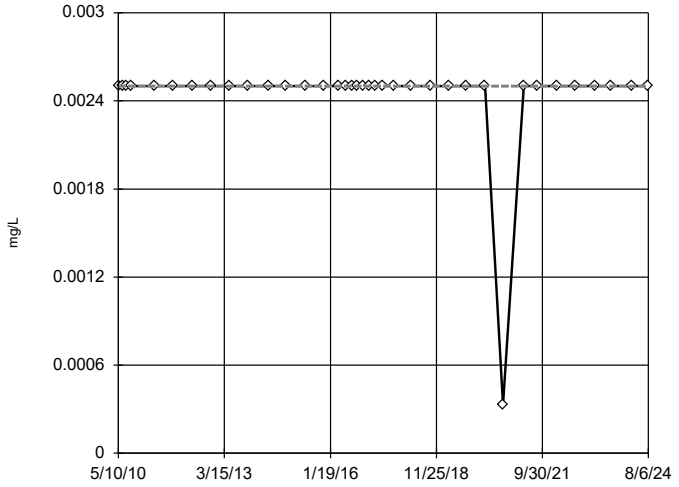
Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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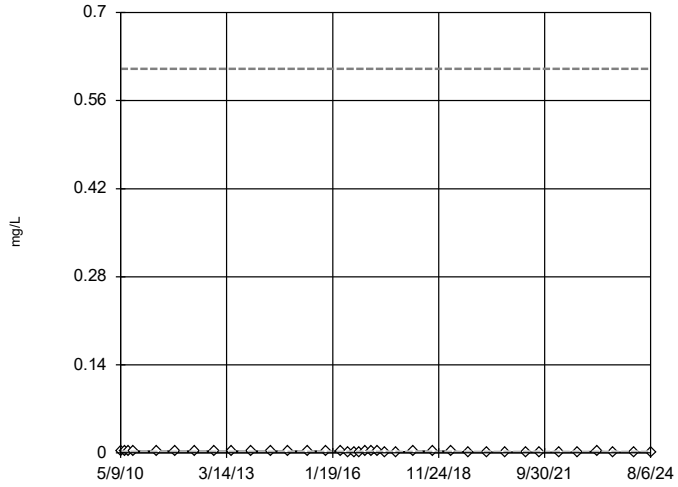
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.6104, low cutoff = 0.000001638, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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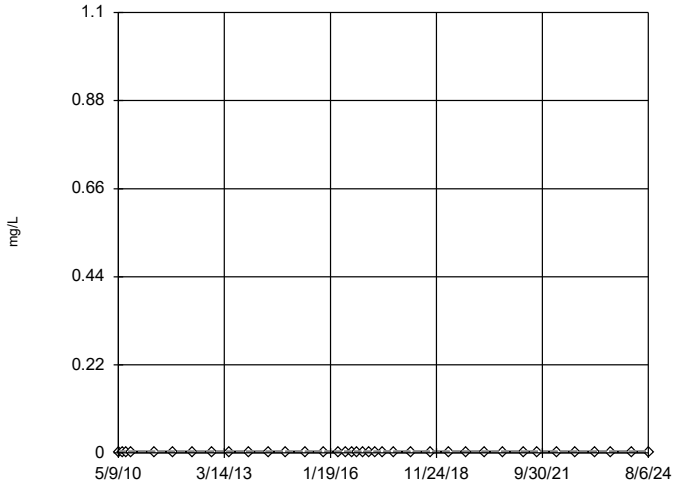
Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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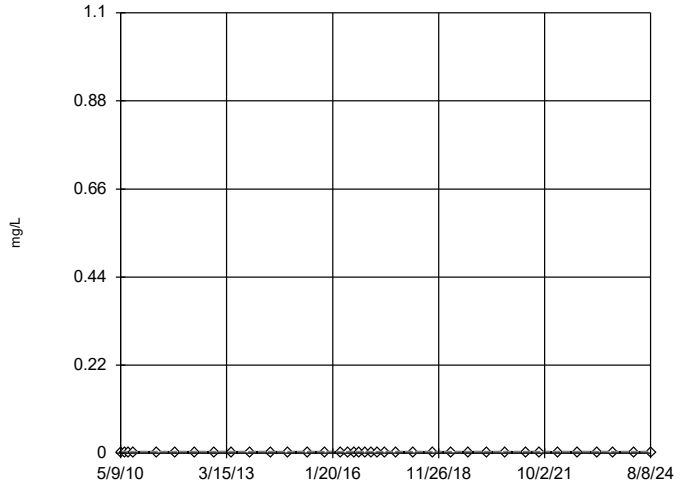
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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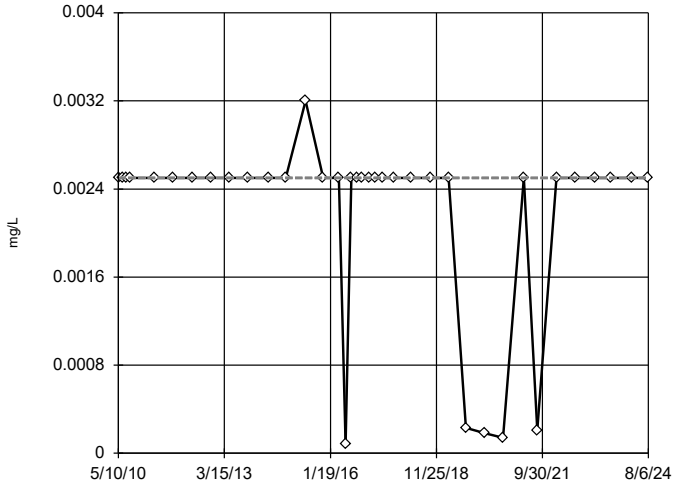
Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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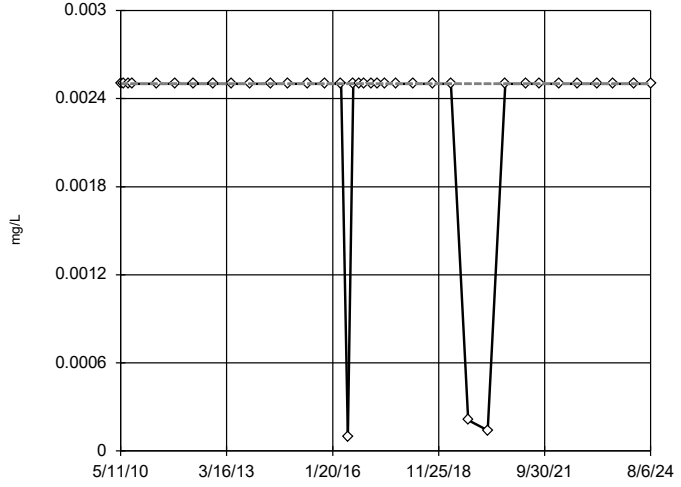
Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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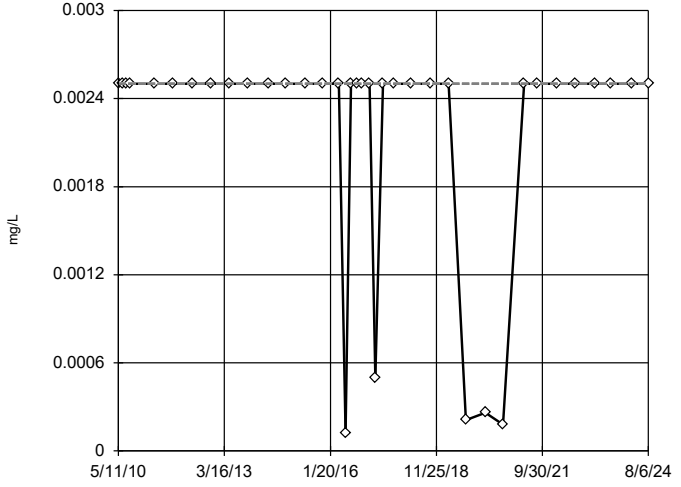
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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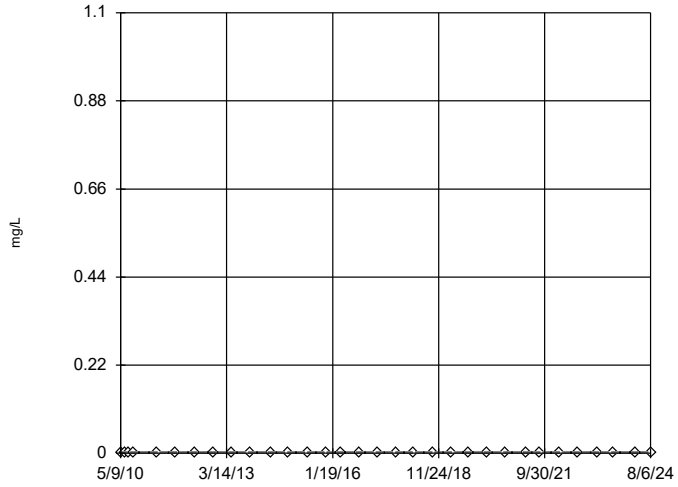
Tukey's Outlier Screening

GWA-15 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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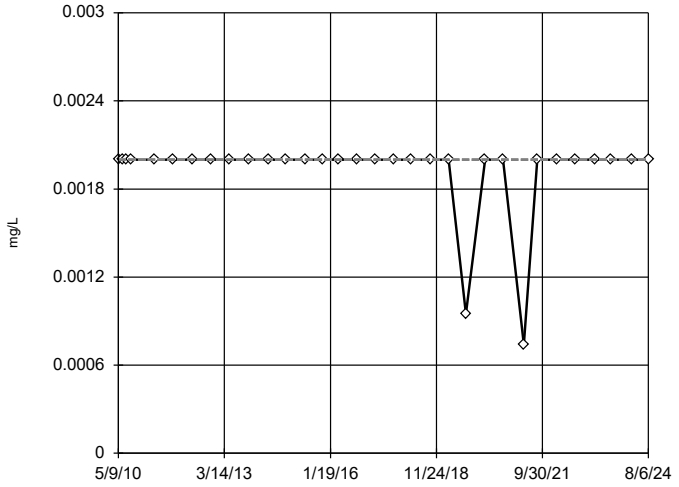
Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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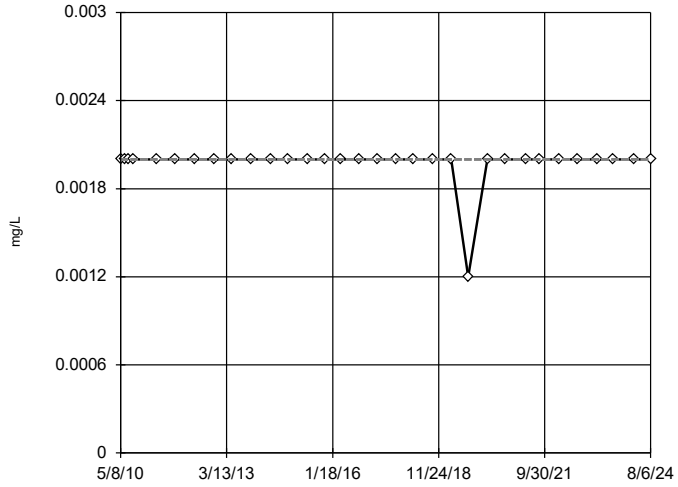
Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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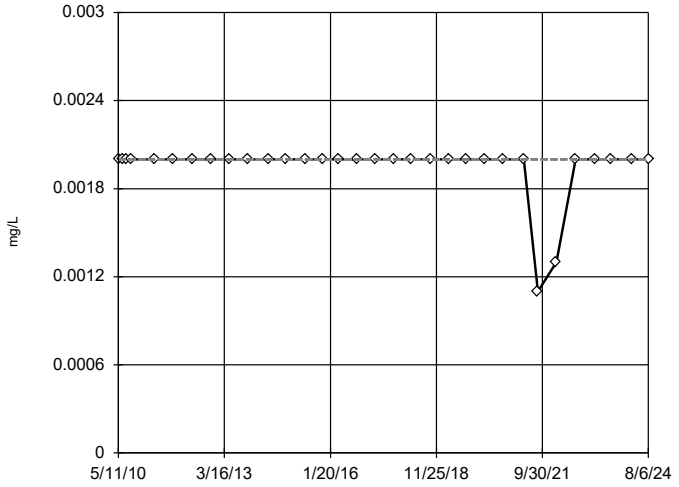
Tukey's Outlier Screening

GWC-1



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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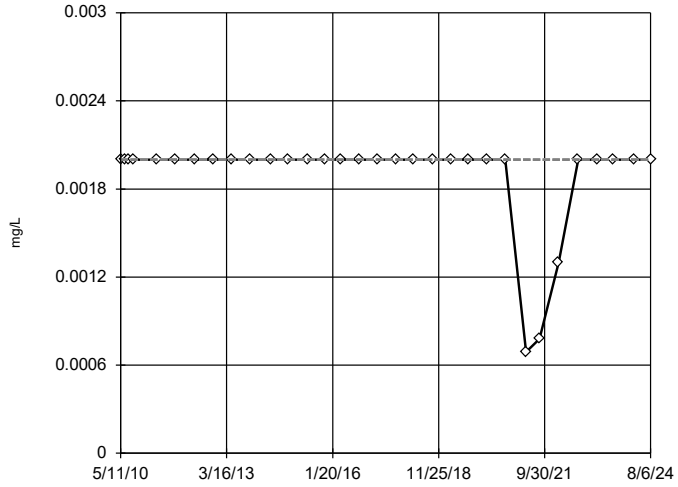
Tukey's Outlier Screening

GWC-2



n = 32

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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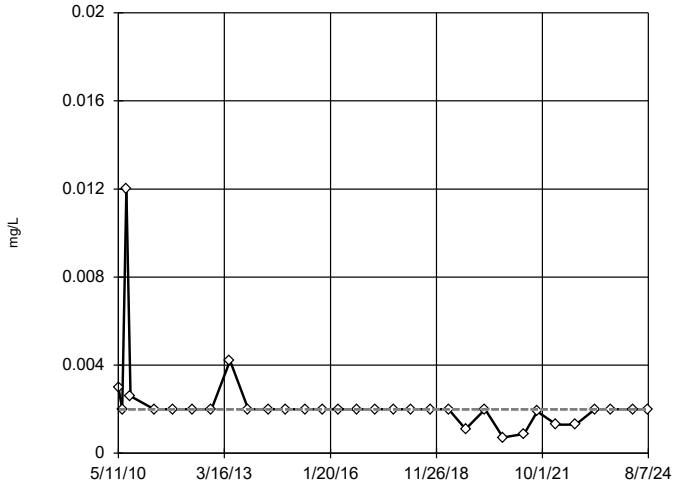
Tukey's Outlier Screening

GWC-3



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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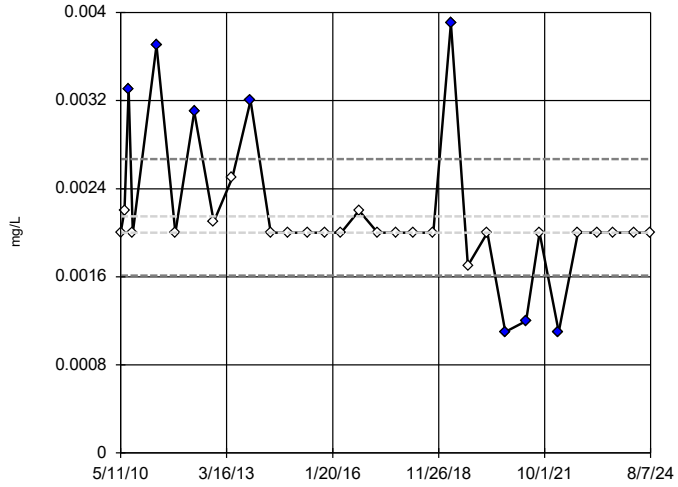
Tukey's Outlier Screening

GWC-4



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.002668, low cutoff = 0.001611, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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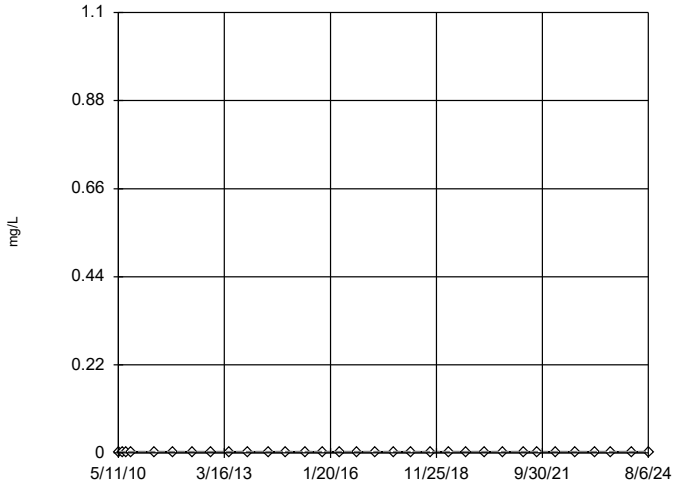
Tukey's Outlier Screening

GWC-5



n = 32

No outliers found.
Tukey's method selected by user.

All values are the same.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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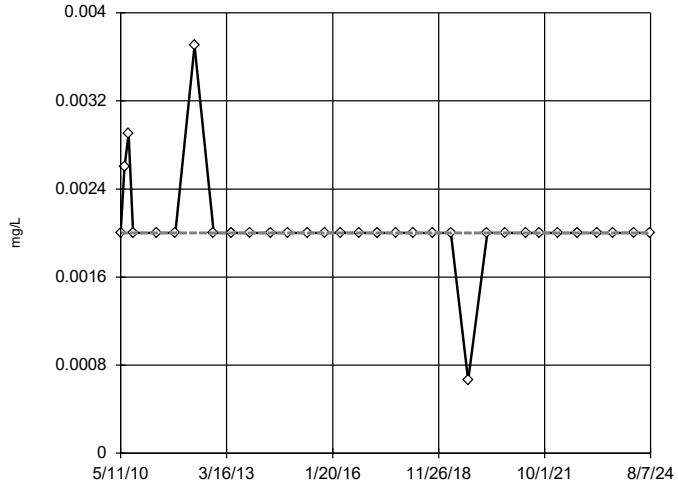
Tukey's Outlier Screening

GWC-6



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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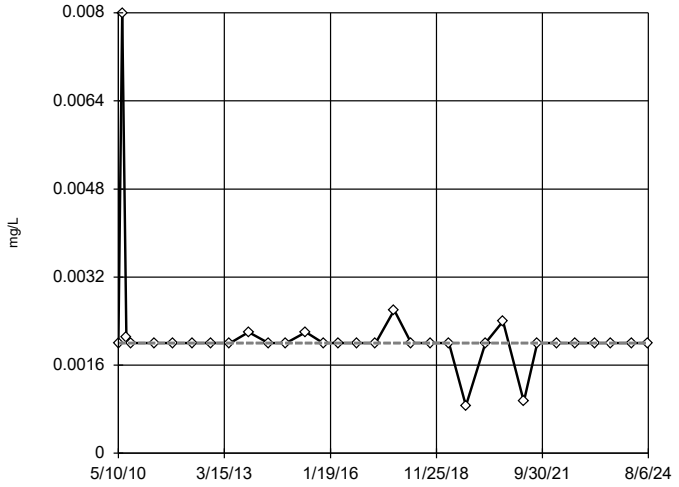
Tukey's Outlier Screening

GWC-7



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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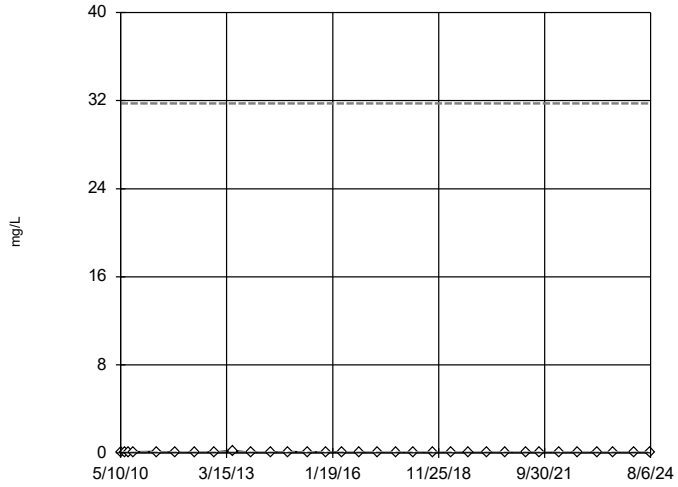
Tukey's Outlier Screening

GWC-8A



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 31.75, low cutoff = 0.000001414, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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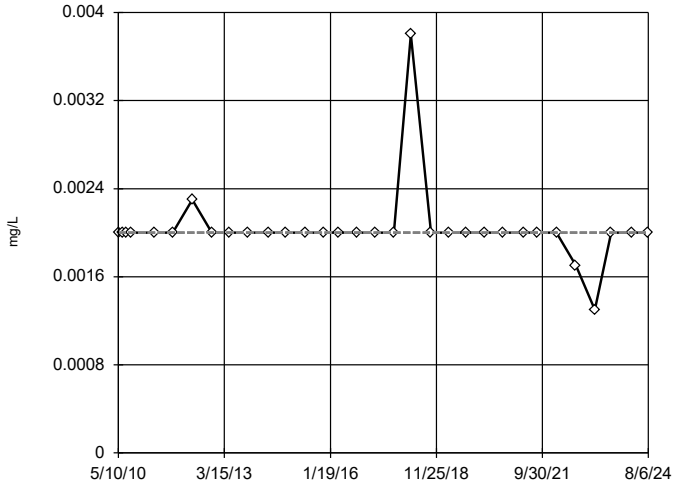
Tukey's Outlier Screening

GWC-9



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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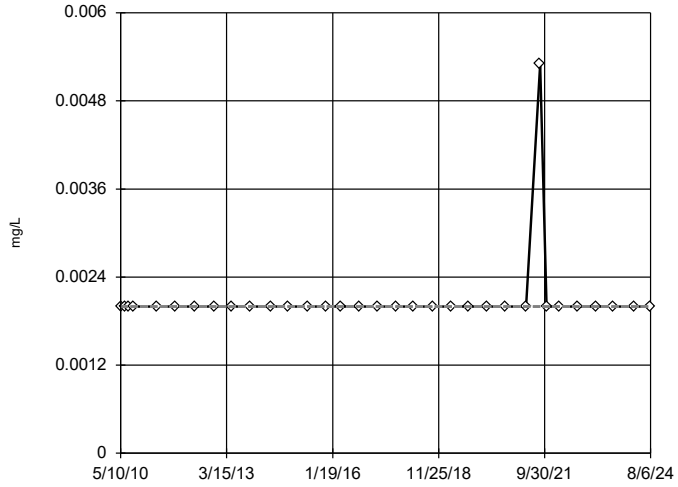
Tukey's Outlier Screening

GWC-10



n = 33

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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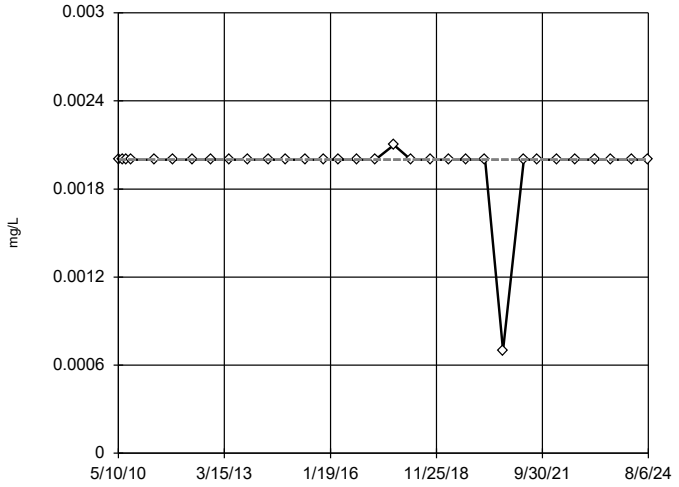
Tukey's Outlier Screening

GWC-11



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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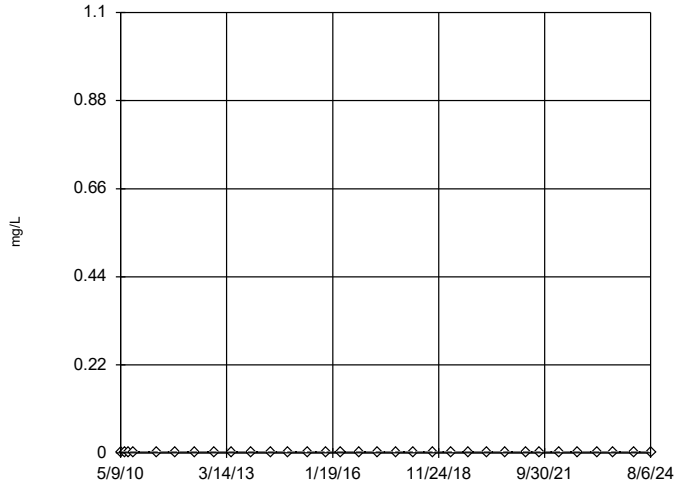
Tukey's Outlier Screening

GWC-12



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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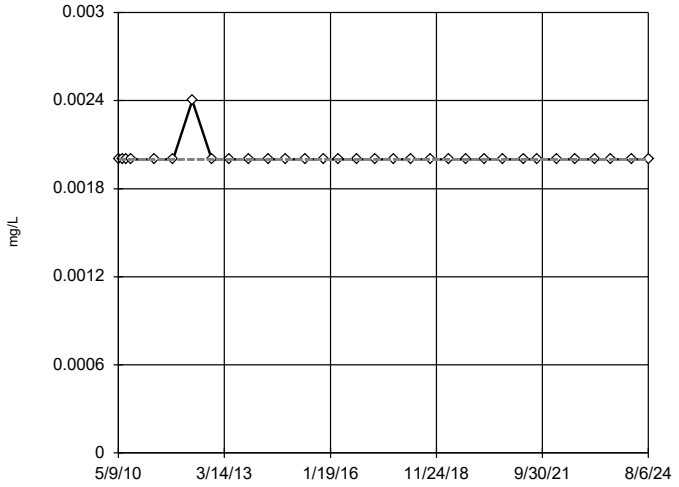
Tukey's Outlier Screening

GWC-13



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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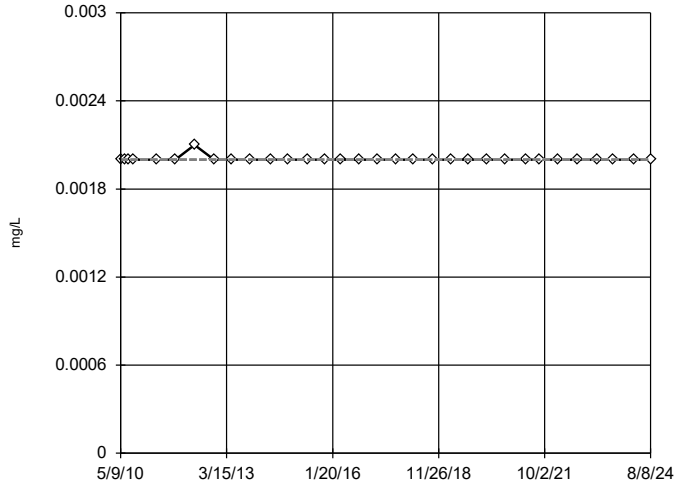
Tukey's Outlier Screening

GWC-14



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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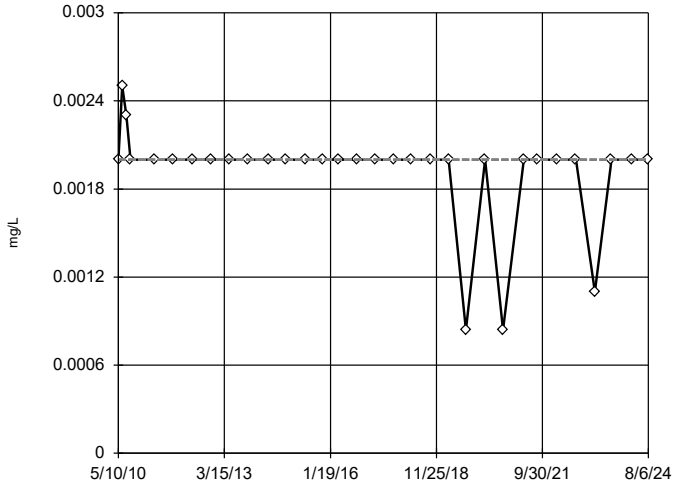
Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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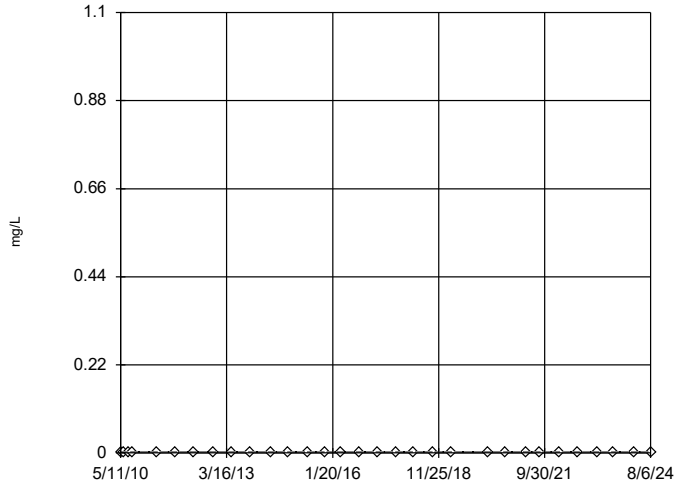
Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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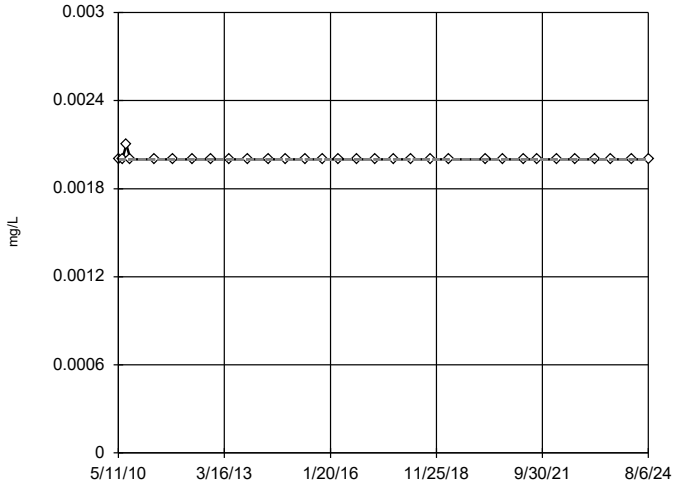
Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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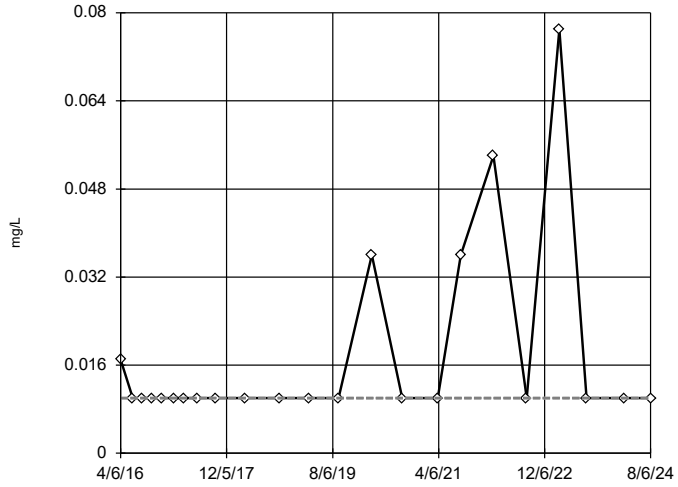
Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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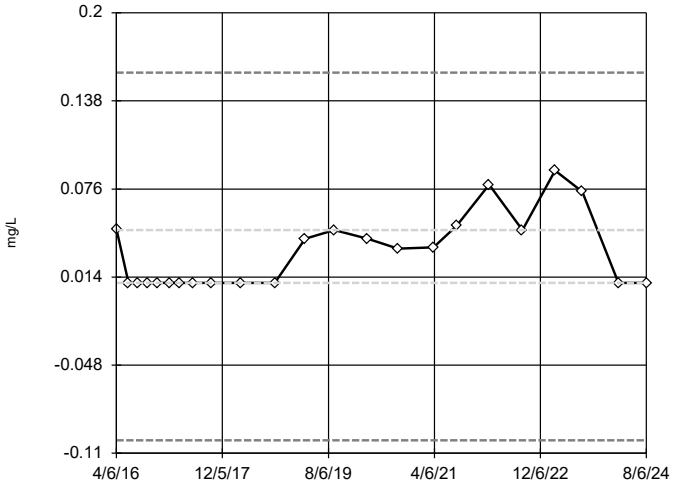
Tukey's Outlier Screening

GWA-16 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.158, low cutoff = -0.101, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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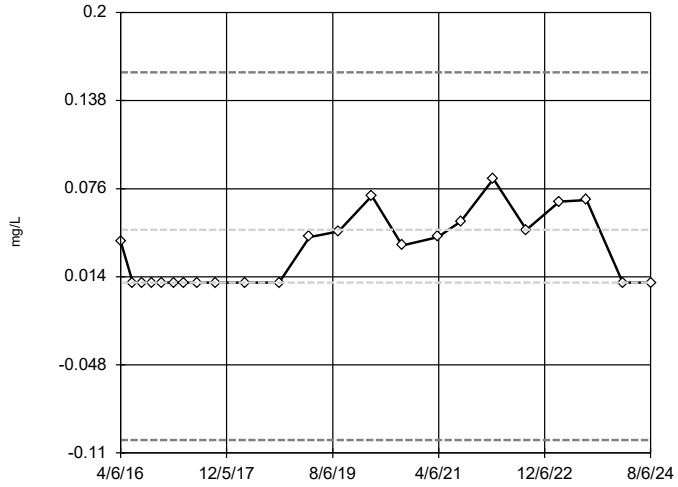
Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.158, low cutoff = -0.101, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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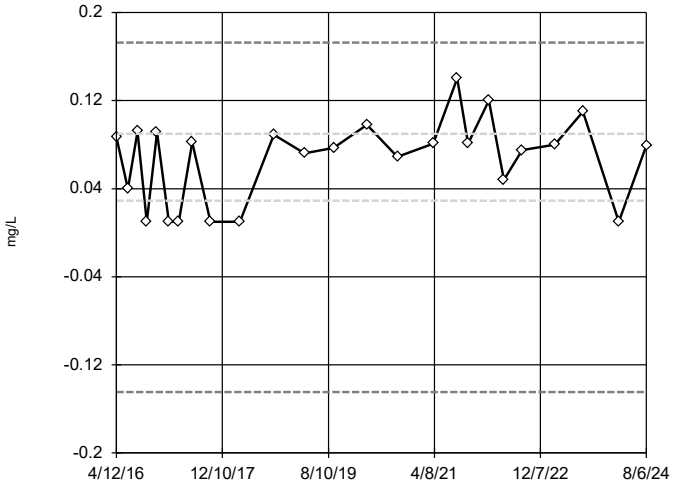
Tukey's Outlier Screening

GWC-1



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1728, low cutoff = -0.1446, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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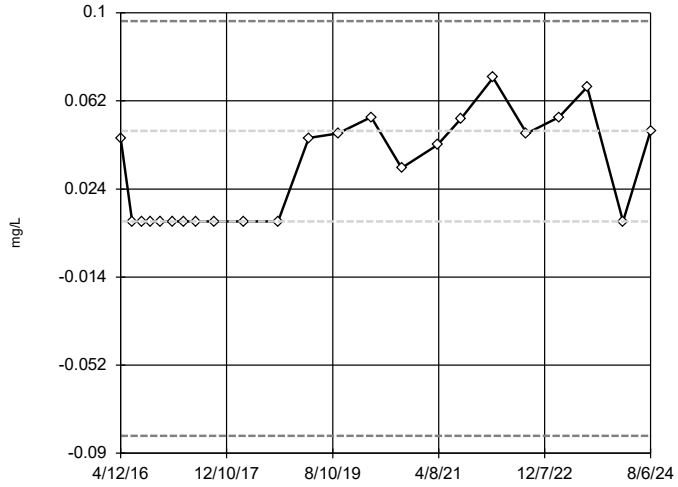
Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.09646, low cutoff = -0.08248, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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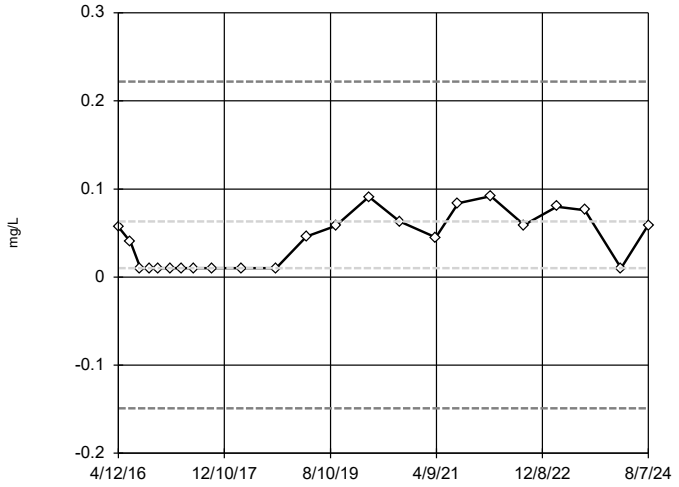
Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.222, low cutoff = -0.149, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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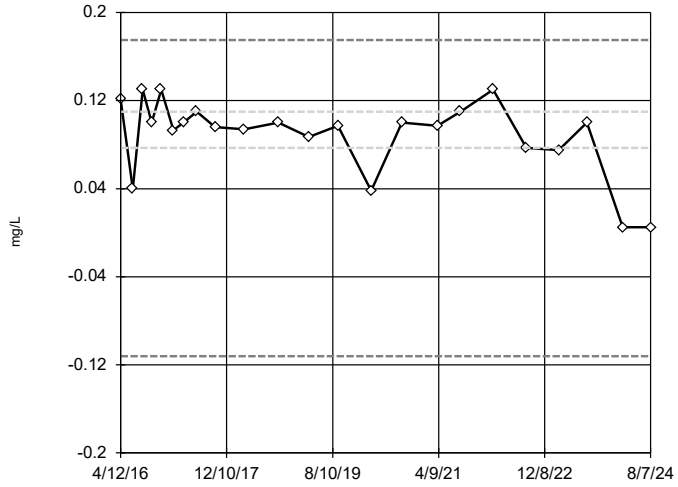
Tukey's Outlier Screening

GWC-4



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.175, low cutoff = -0.1122, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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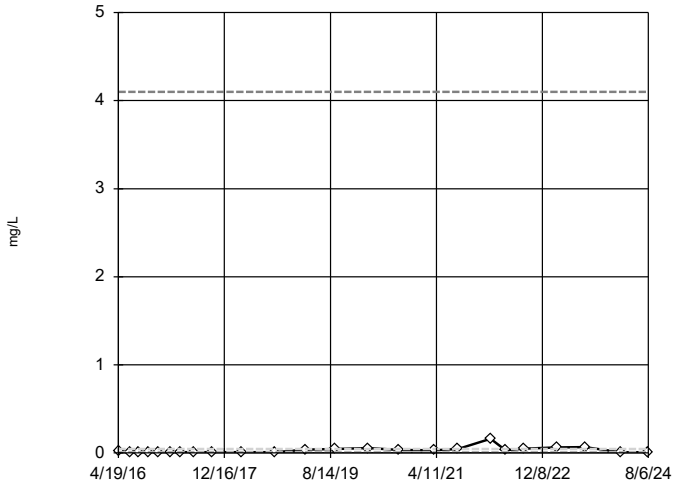
Tukey's Outlier Screening

GWC-5



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.101, low cutoff = 0.0001097, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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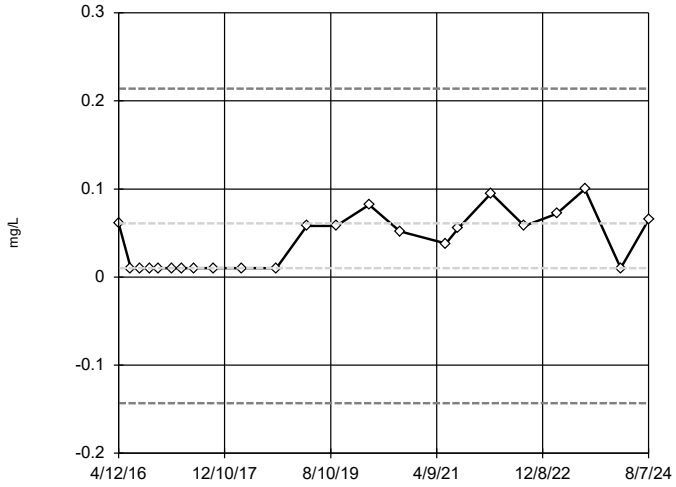
Tukey's Outlier Screening

GWC-6



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.214, low cutoff = -0.143, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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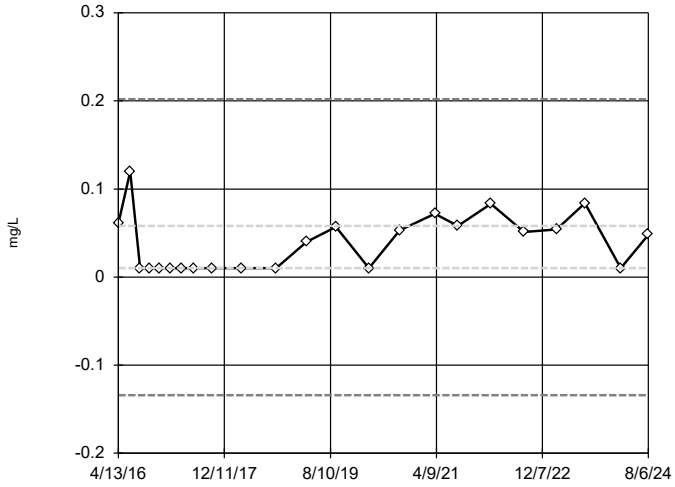
Tukey's Outlier Screening

GWC-7



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.202, low cutoff = -0.134, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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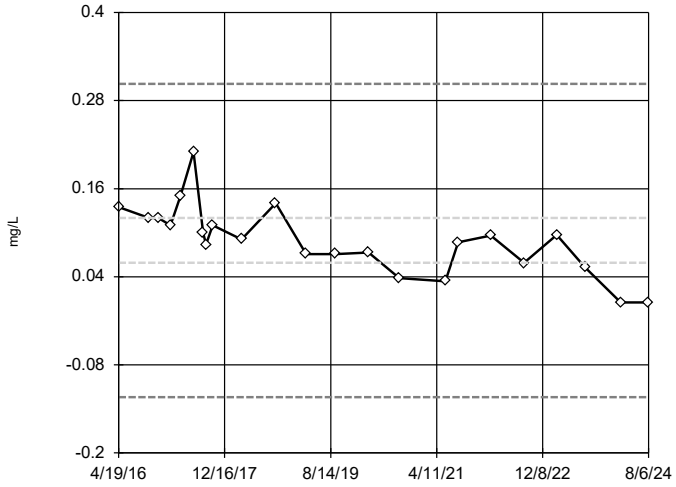
Tukey's Outlier Screening

GWC-8A



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.303, low cutoff = -0.124, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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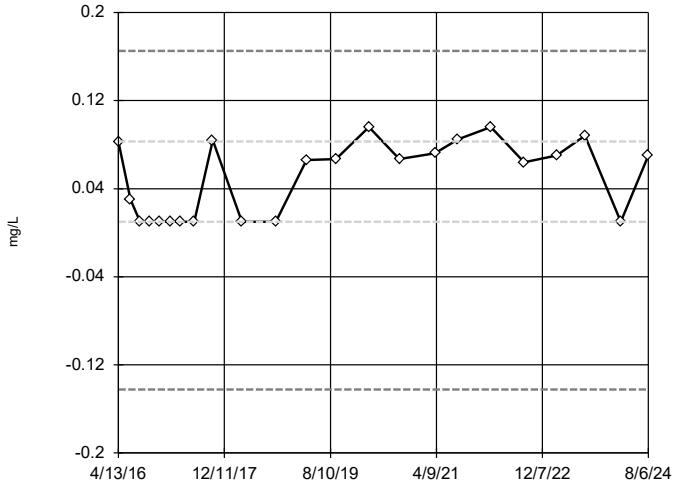
Tukey's Outlier Screening

GWC-9



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

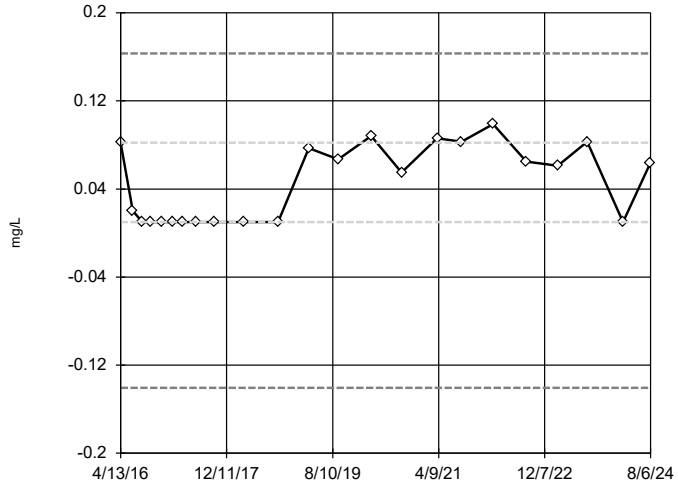
High cutoff = 0.1651, low cutoff = -0.1424, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-10



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1631, low cutoff = -0.1406, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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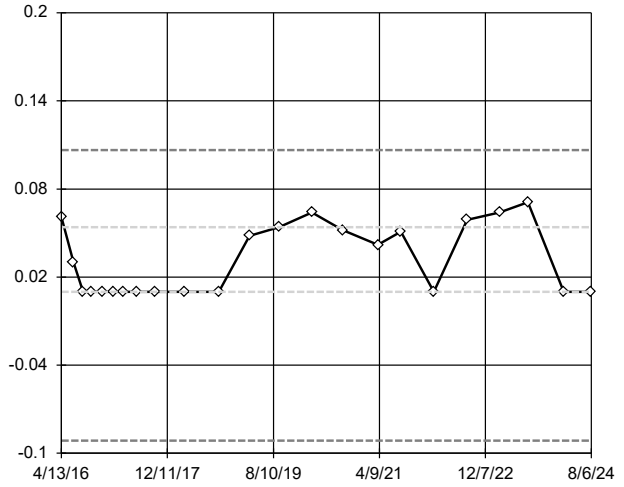
Tukey's Outlier Screening

GWC-11



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1066, low cutoff = -0.09137, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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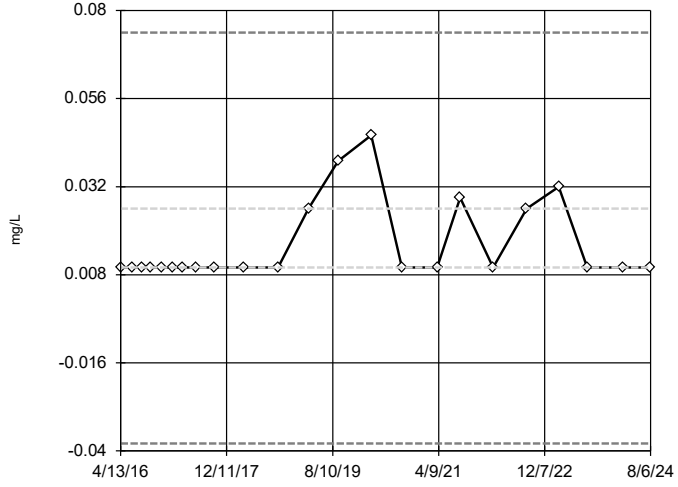
Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.074, low cutoff = -0.038, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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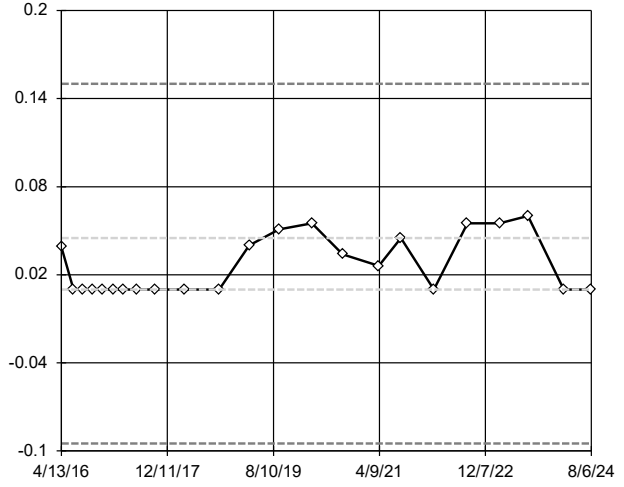
Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

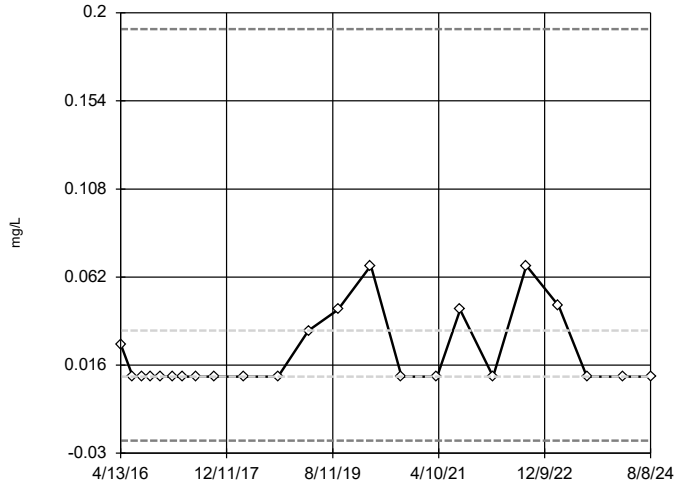
High cutoff = 0.15, low cutoff = -0.095, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1915, low cutoff = -0.02346, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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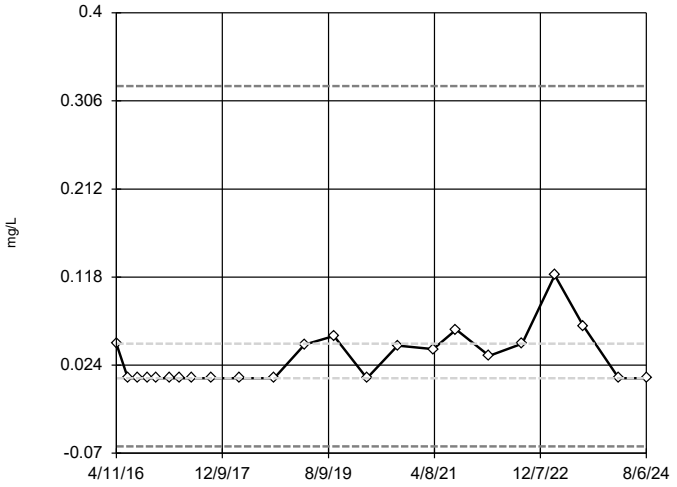
Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3217, low cutoff = -0.06269, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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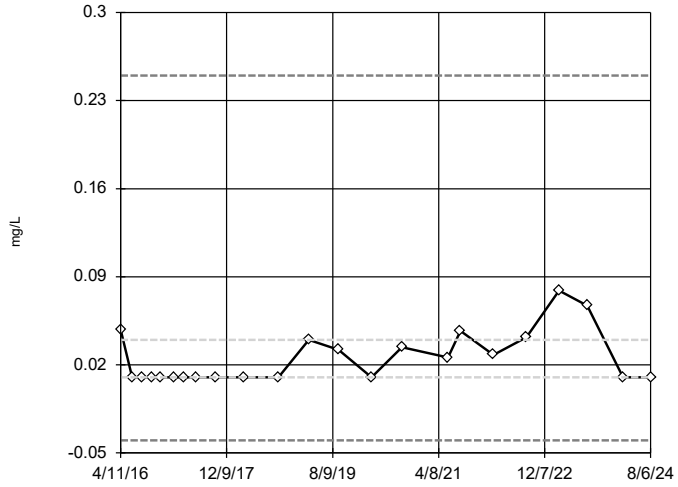
Tukey's Outlier Screening

GWC-19



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.25, low cutoff = -0.04, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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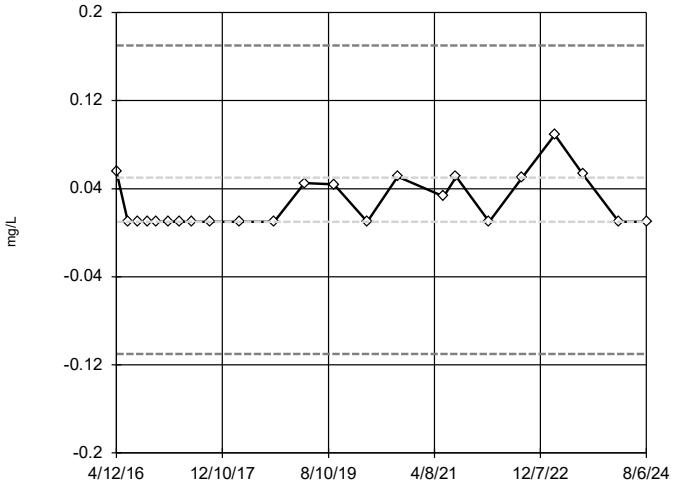
Tukey's Outlier Screening

GWC-20



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.17, low cutoff = -0.11, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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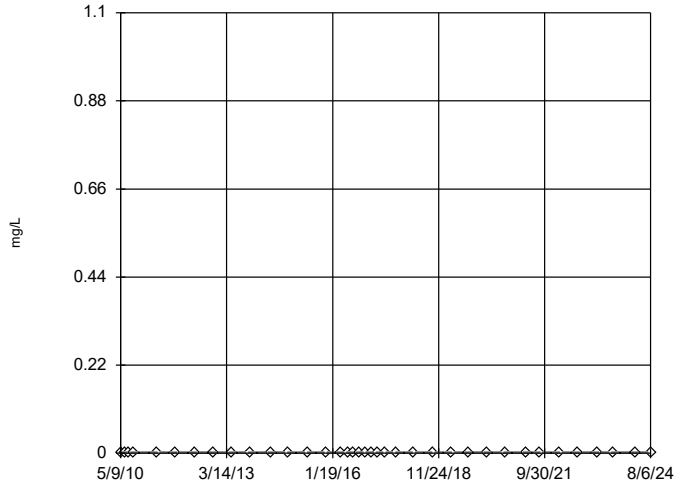
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

All values are the same.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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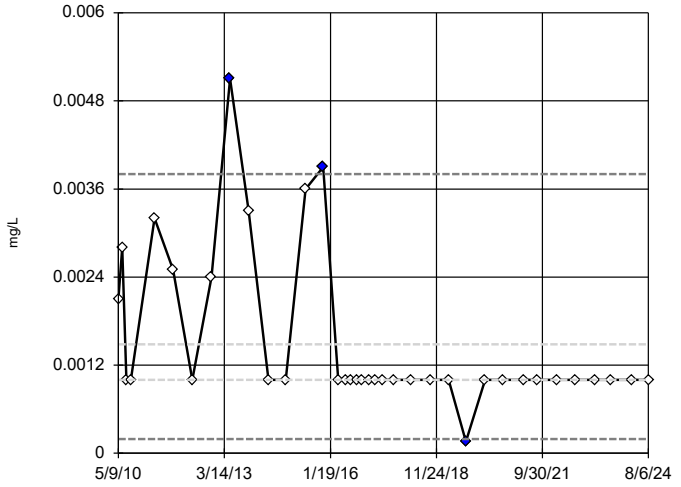
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003805, low cutoff = 0.0001942, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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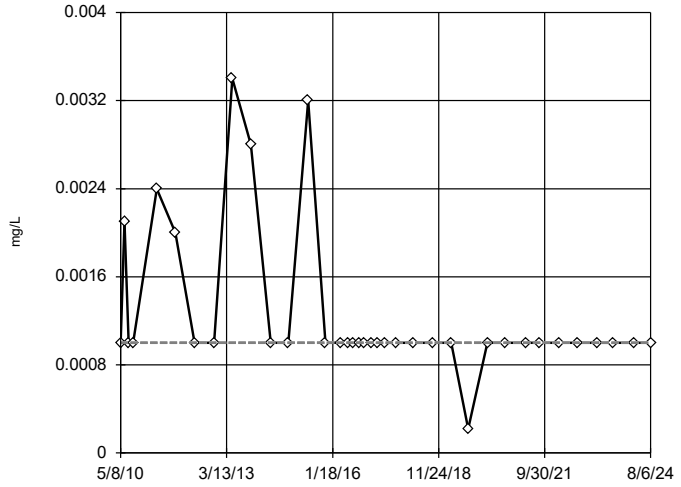
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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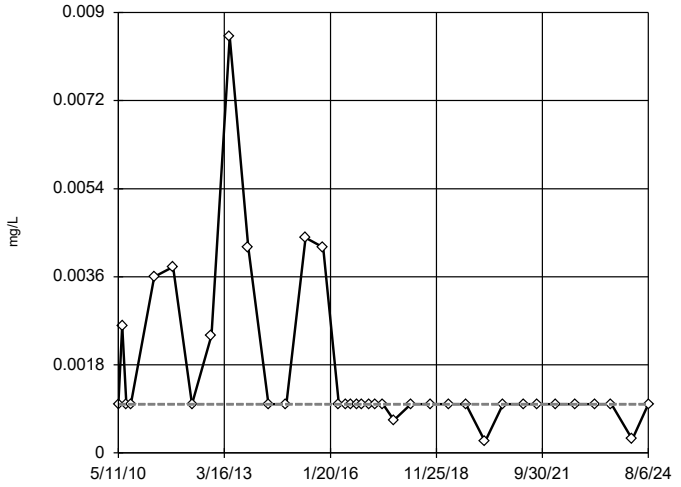
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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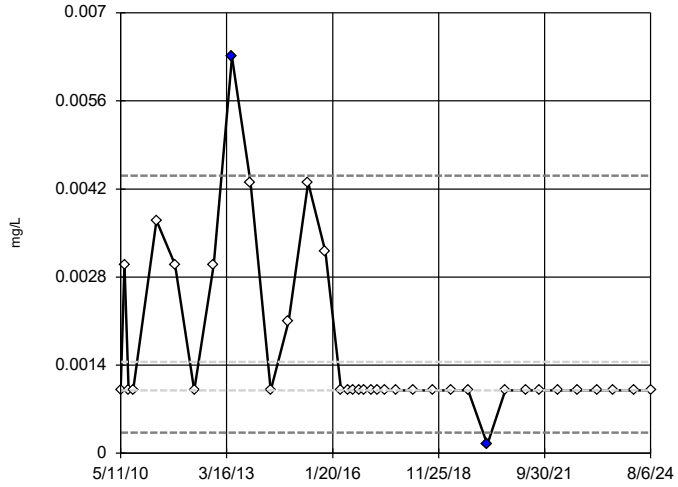
Tukey's Outlier Screening

GWC-2



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.00441, low cutoff = 0.0003286, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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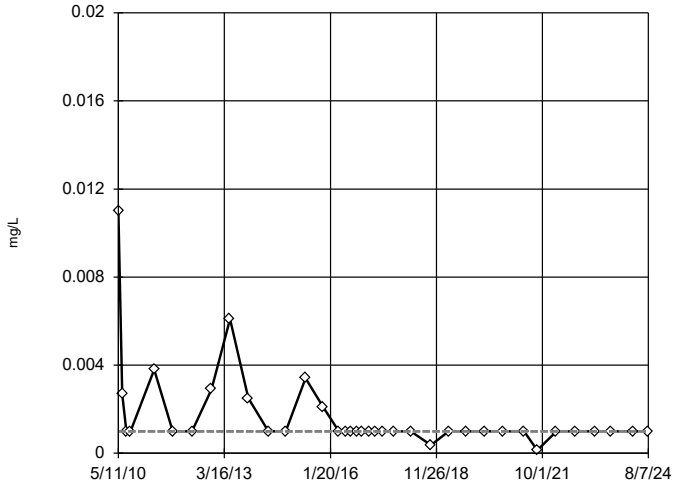
Tukey's Outlier Screening

GWC-3



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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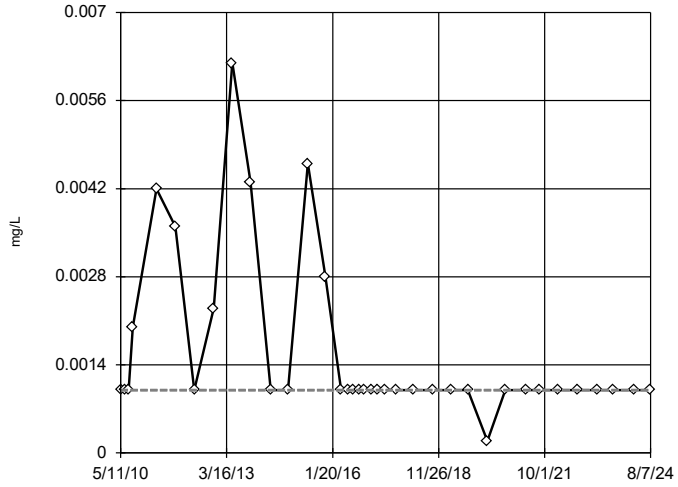
Tukey's Outlier Screening

GWC-4



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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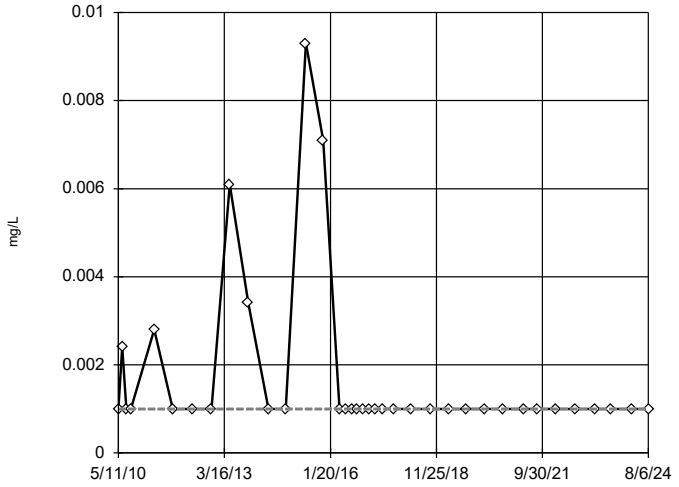
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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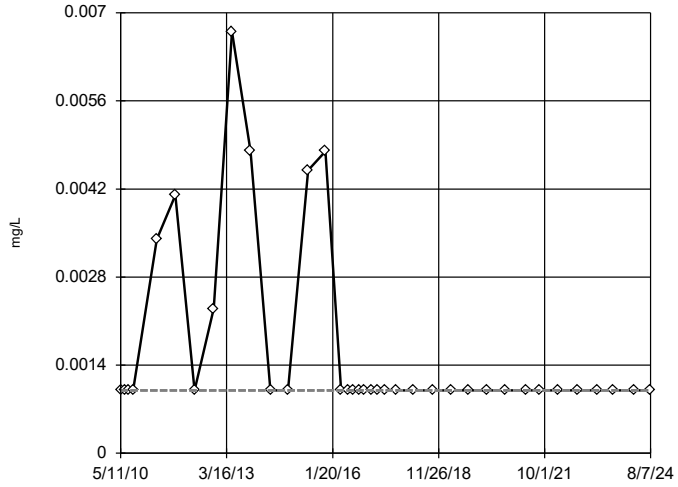
Tukey's Outlier Screening

GWC-6



n = 37

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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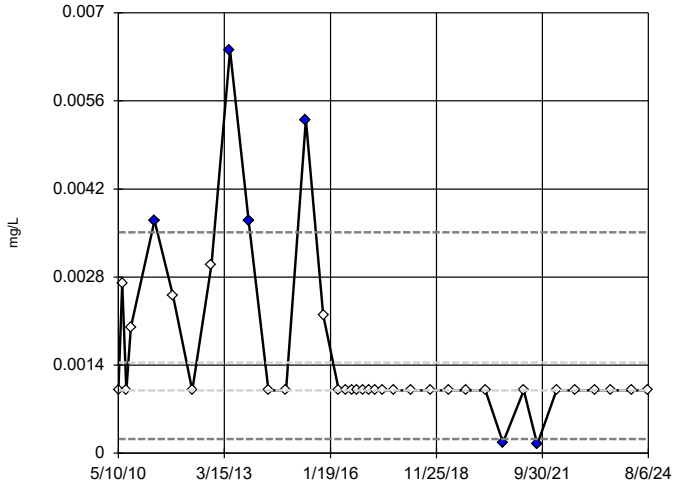
Tukey's Outlier Screening

GWC-7



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003511, low cutoff = 0.0002271, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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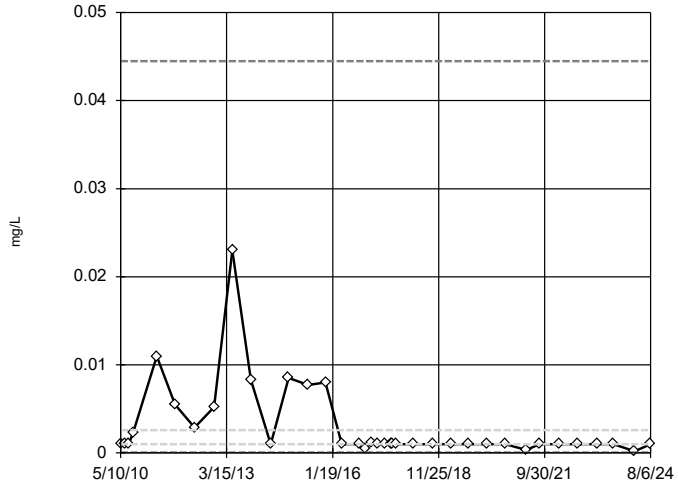
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04449, low cutoff = 0.00005805, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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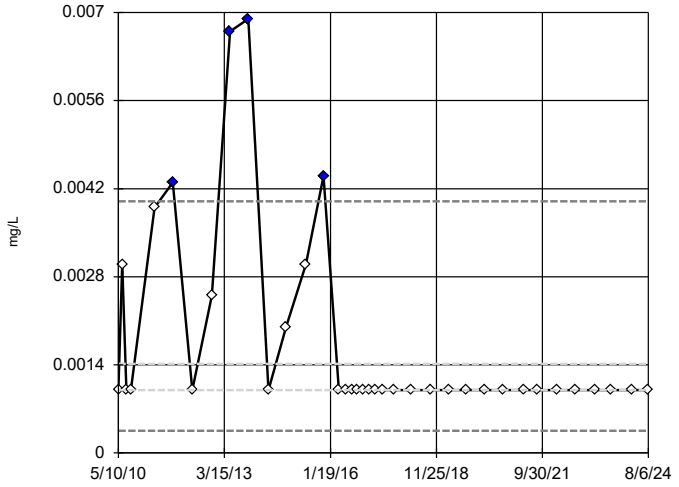
Tukey's Outlier Screening

GWC-9



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.004, low cutoff = 0.0003536, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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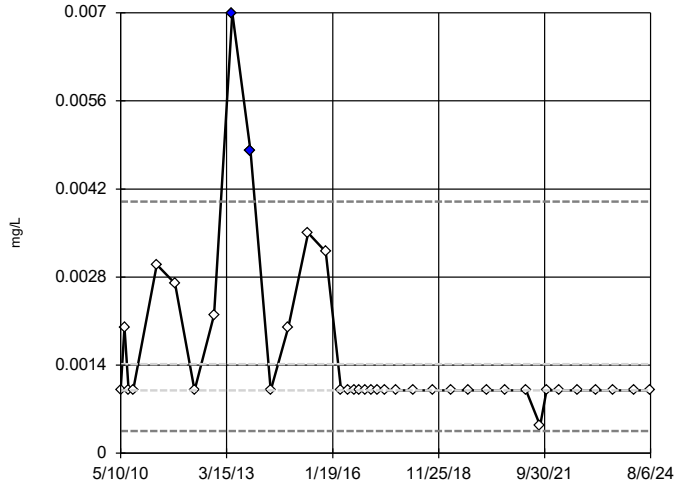
Tukey's Outlier Screening

GWC-10



n = 38

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.004, low cutoff = 0.0003536, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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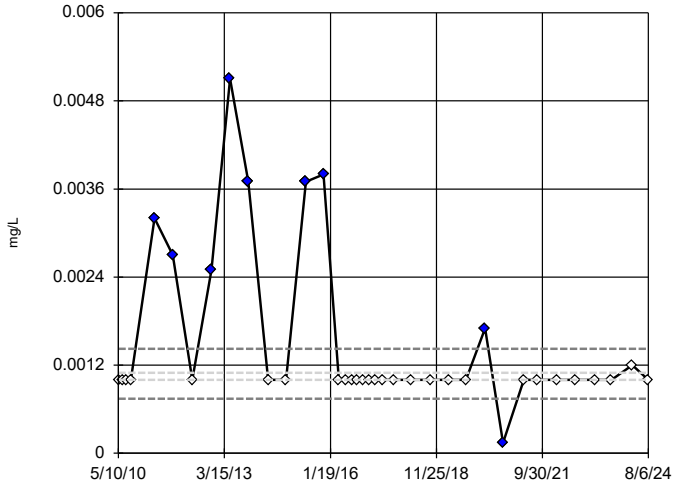
Tukey's Outlier Screening

GWC-11



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001425, low cutoff = 0.0007437, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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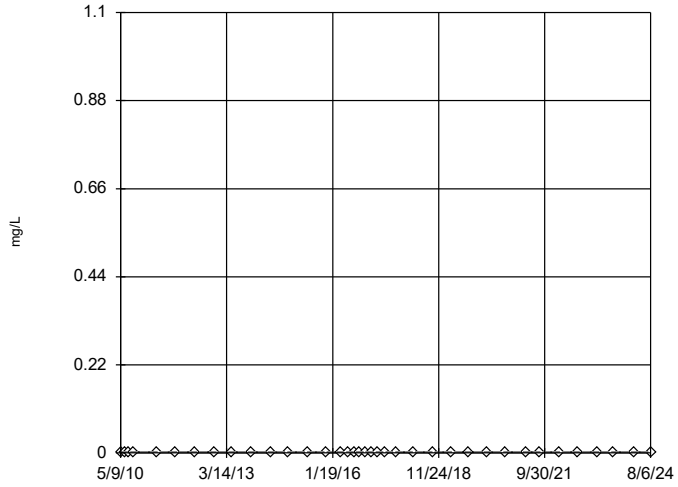
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found.
Tukey's method selected by user.

All values are the same.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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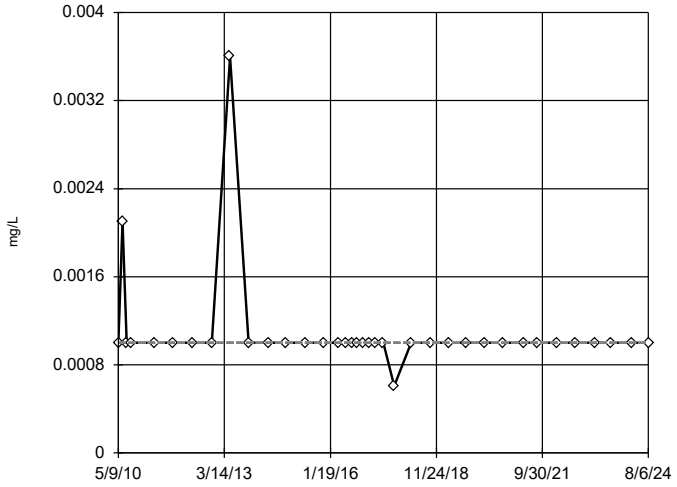
Tukey's Outlier Screening

GWC-13



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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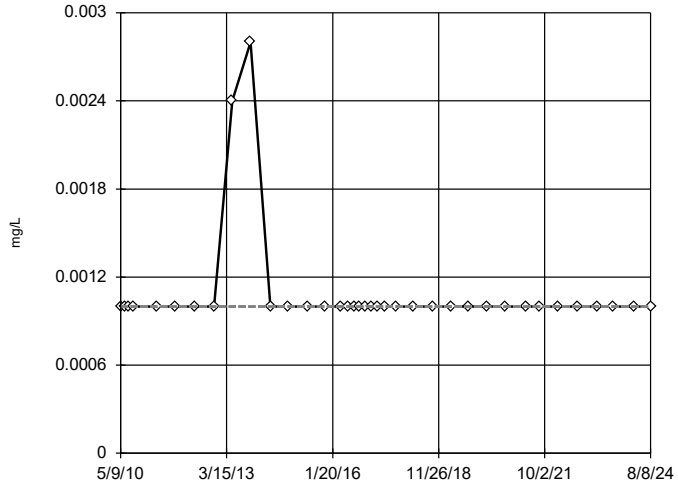
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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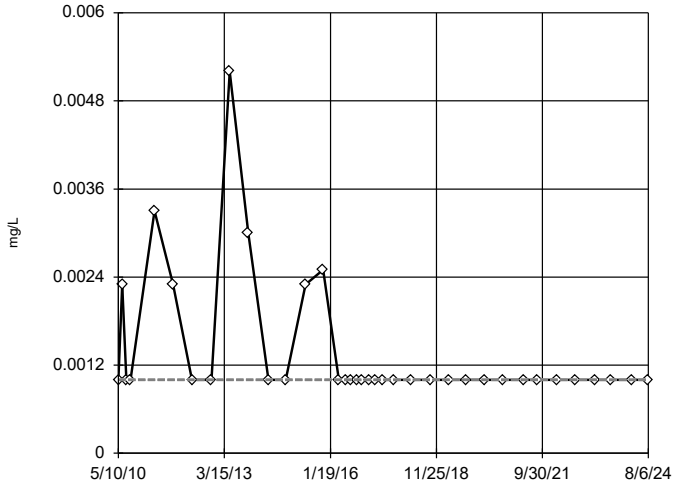
Tukey's Outlier Screening

GWC-18



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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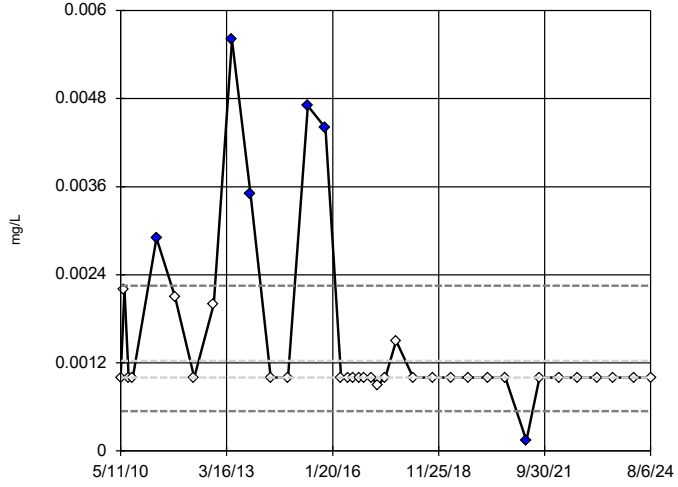
Tukey's Outlier Screening

GWC-19



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.00225, low cutoff = 0.0005443, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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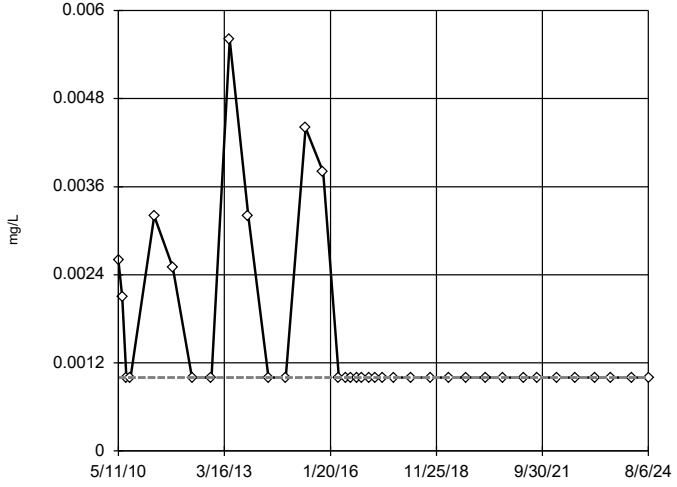
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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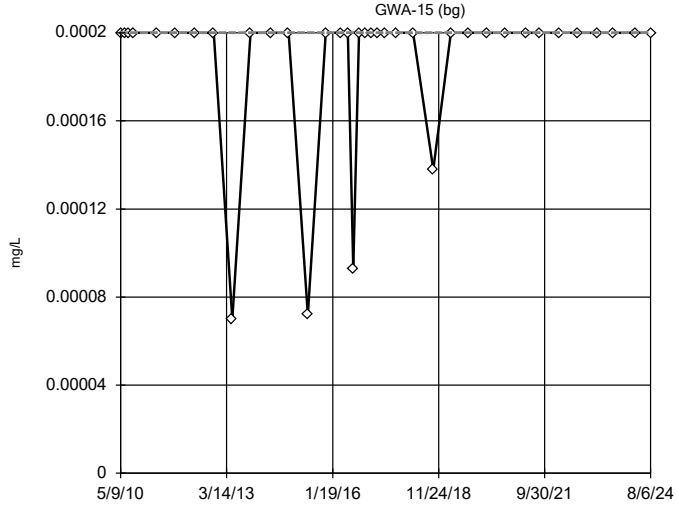
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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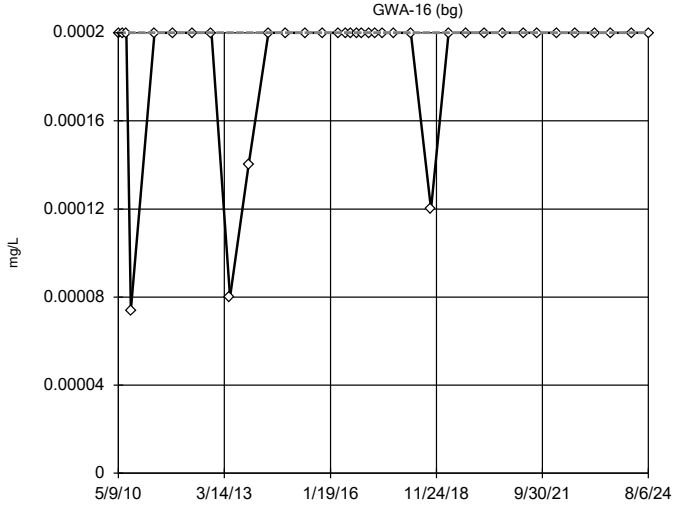
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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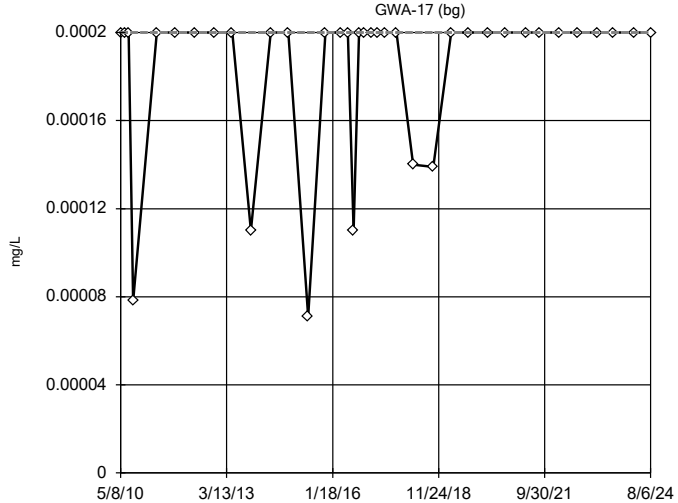
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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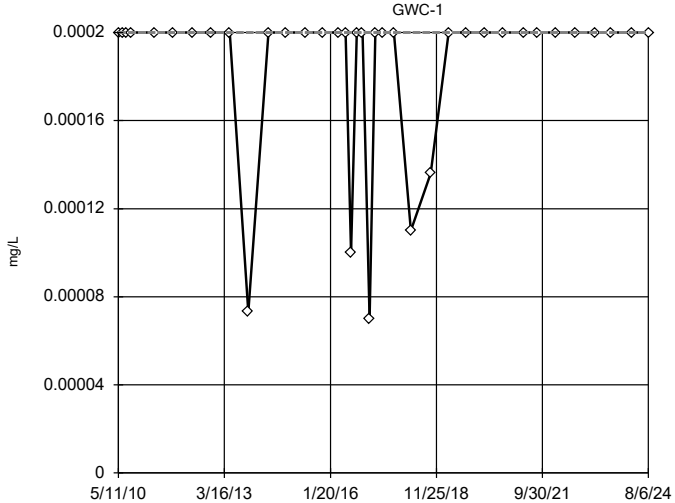
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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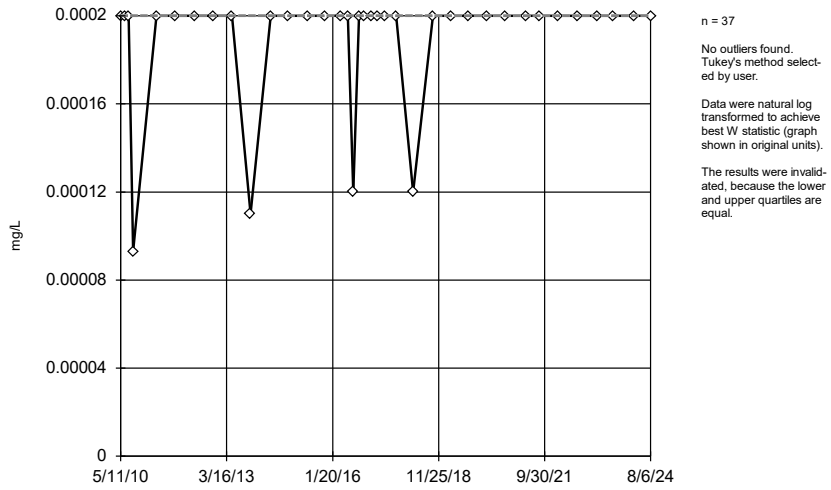
Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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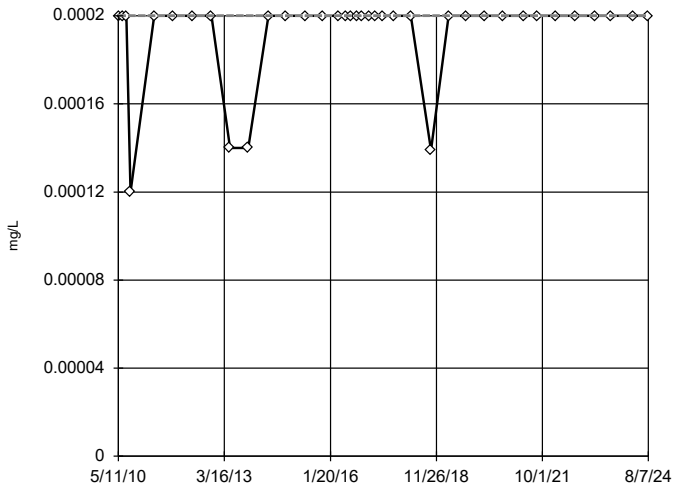
Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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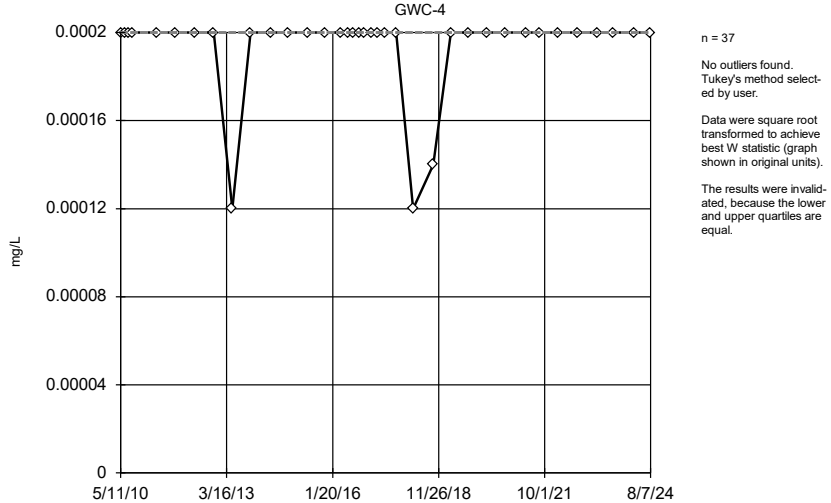
Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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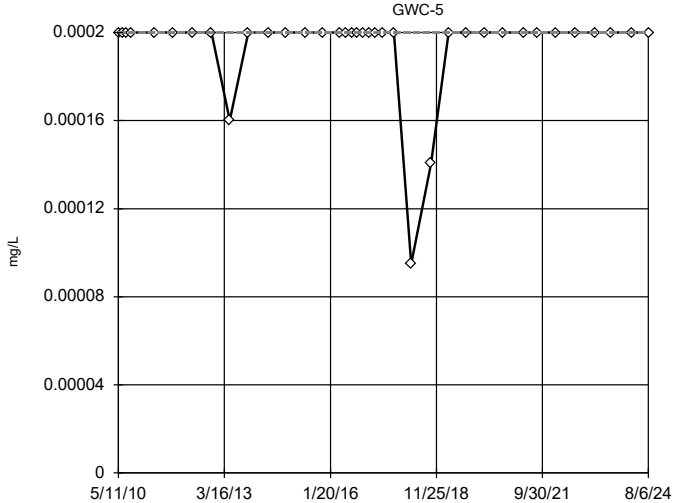
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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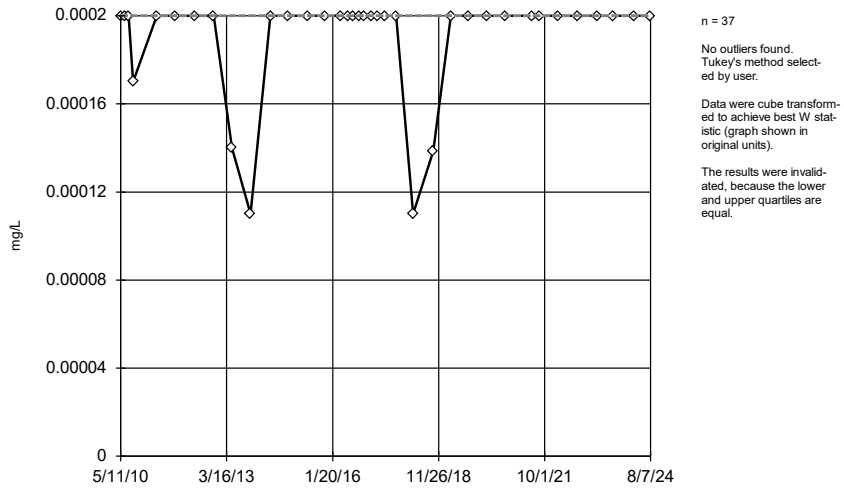
Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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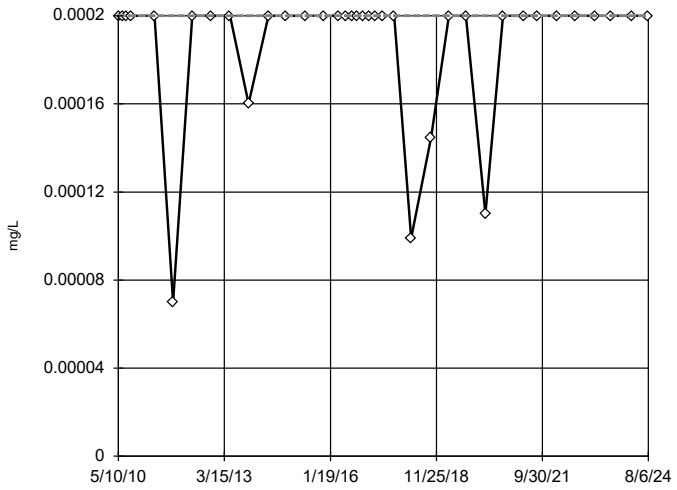
Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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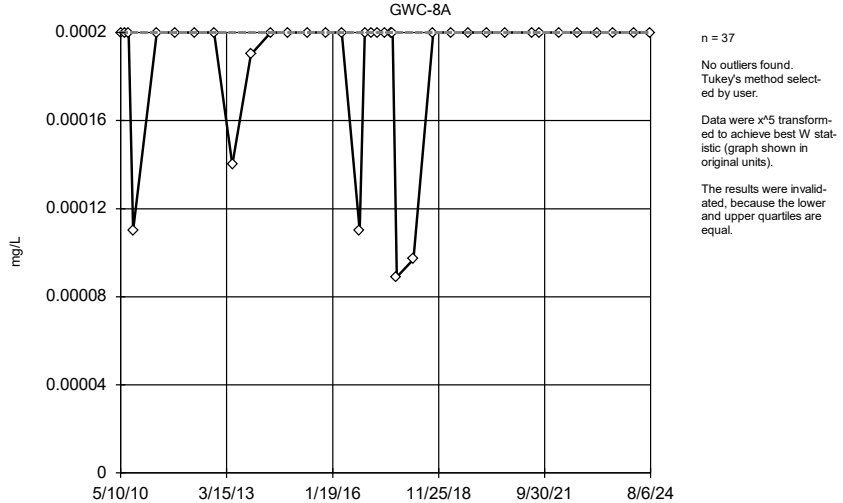
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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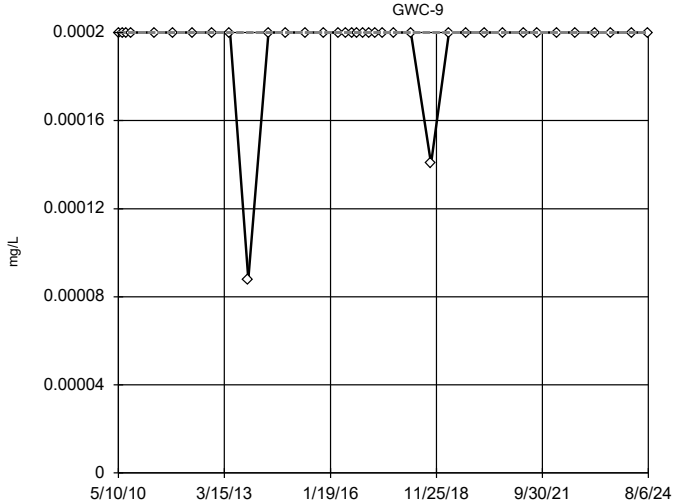
Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

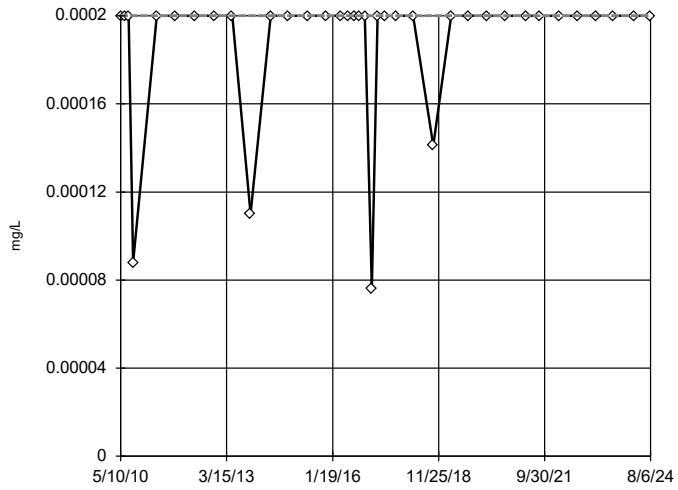
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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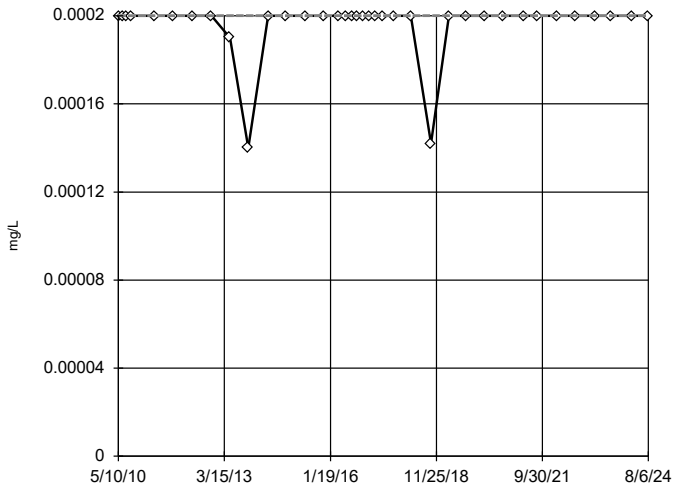
Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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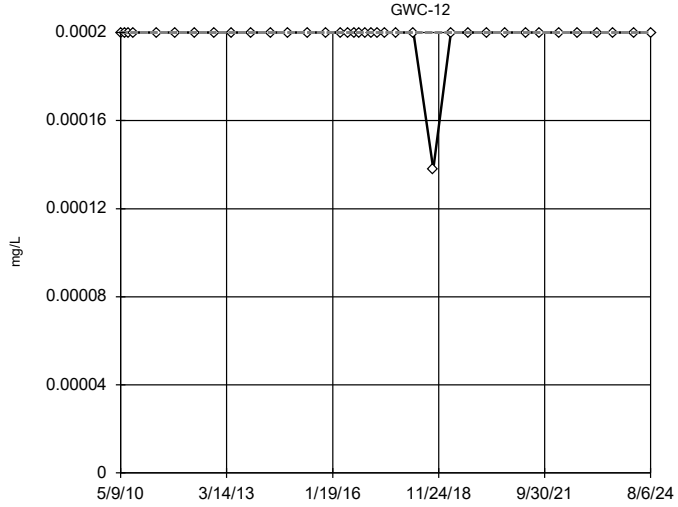
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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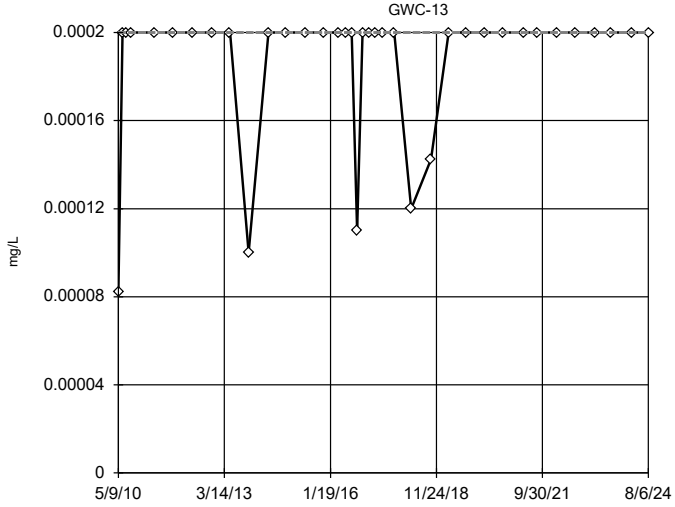
Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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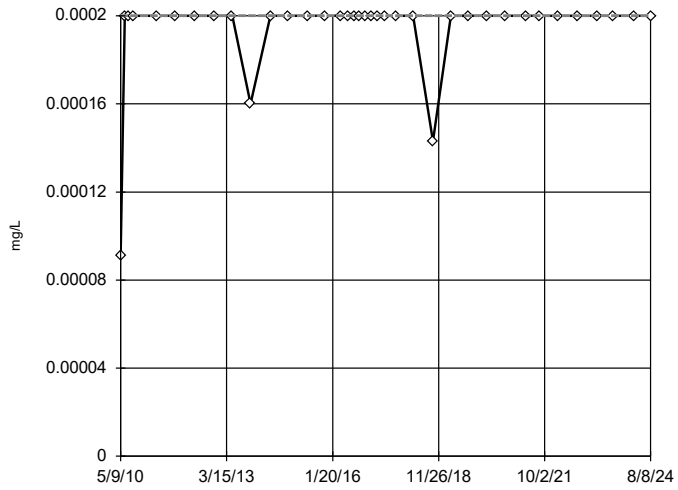
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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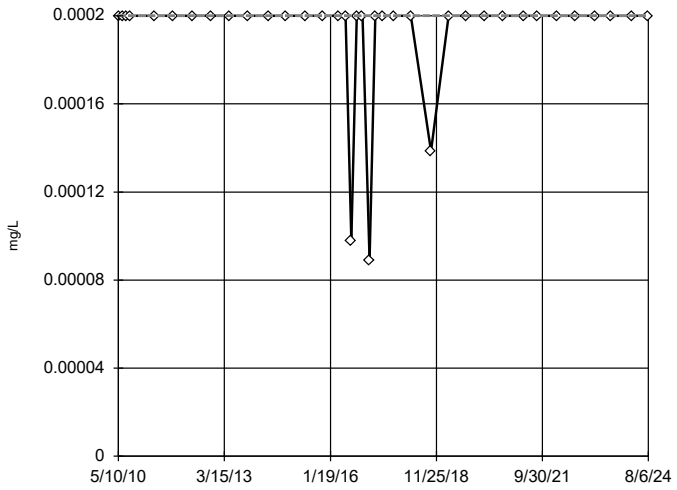
Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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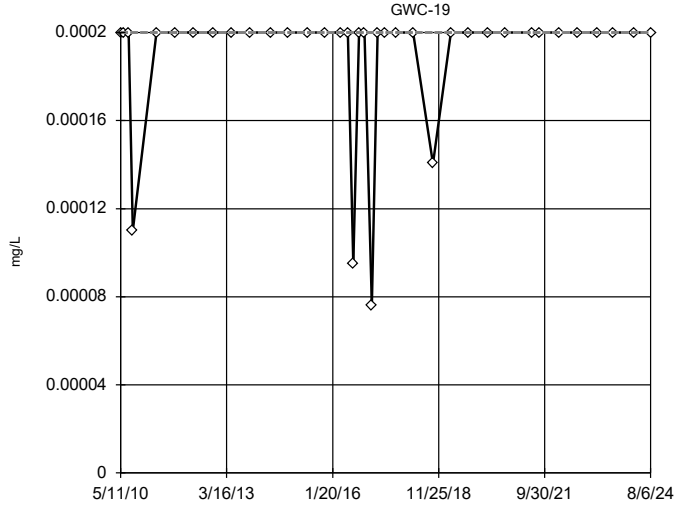
Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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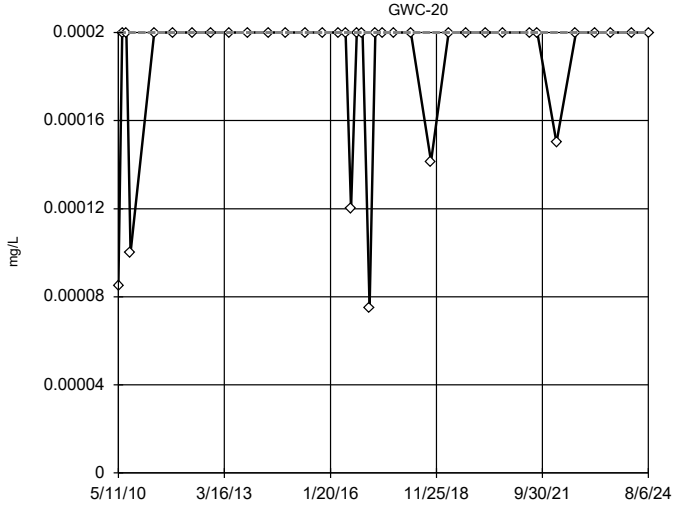
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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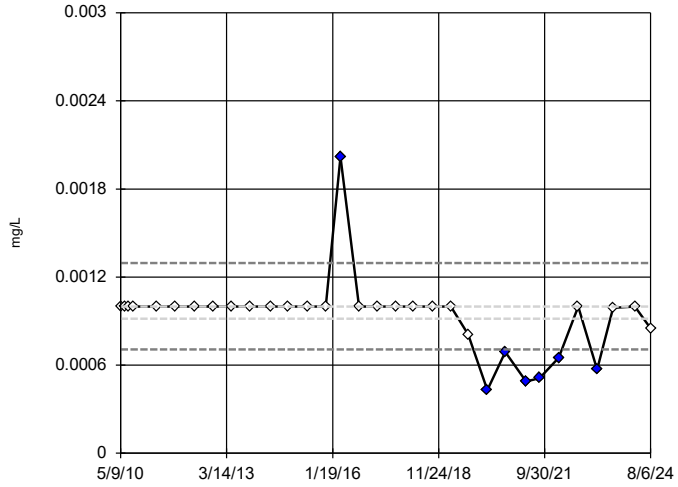
Tukey's Outlier Screening

GWA-15 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001295, low cutoff = 0.0007081, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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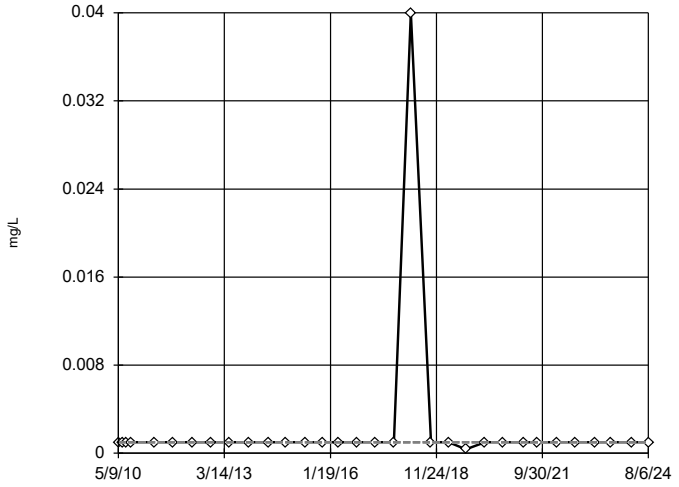
Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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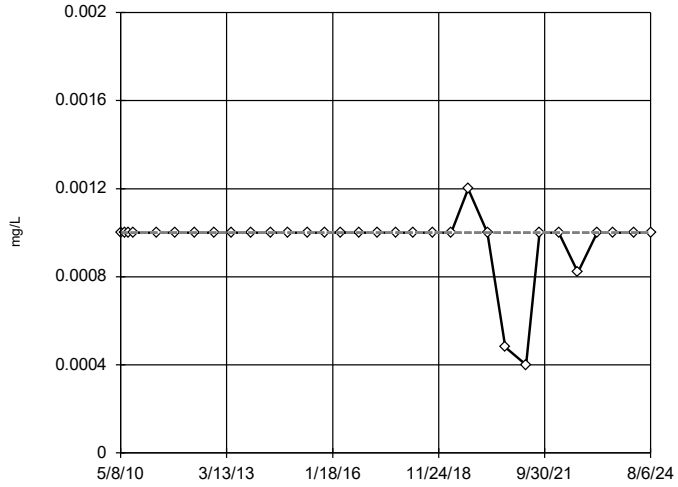
Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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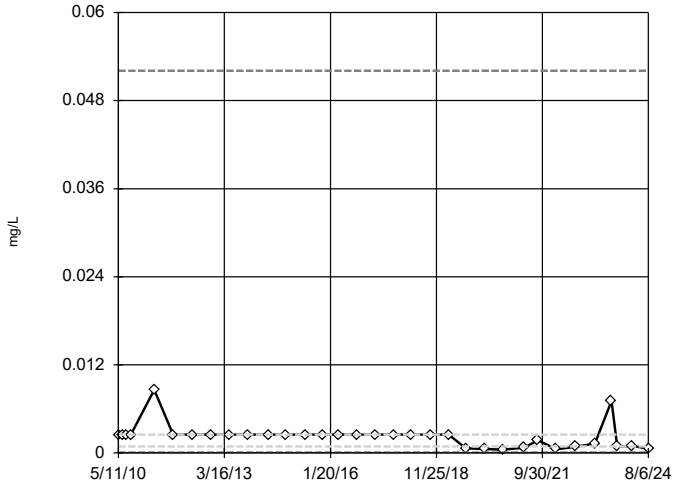
Tukey's Outlier Screening

GWC-1



n = 33

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05207, low cutoff = 0.00004362, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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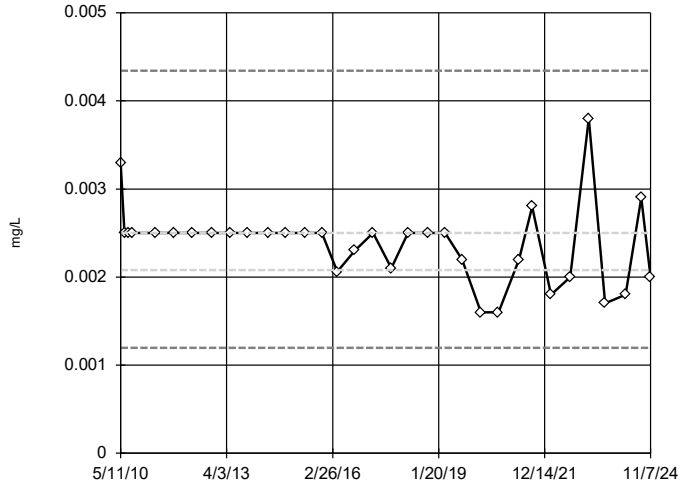
Tukey's Outlier Screening

GWC-2



n = 33

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.004341, low cutoff = 0.001198, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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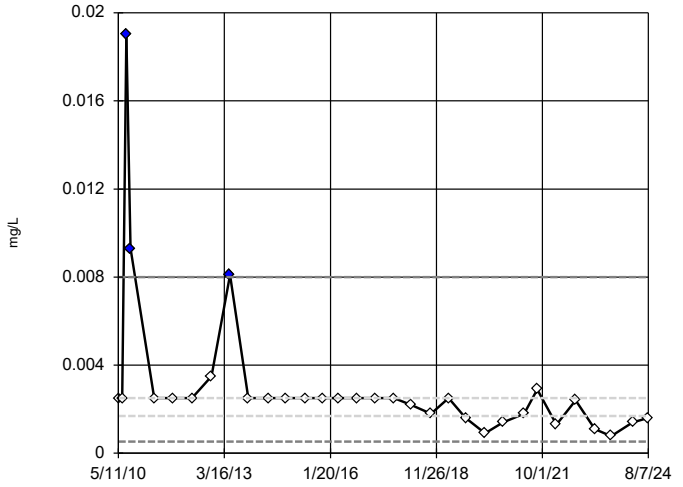
Tukey's Outlier Screening

GWC-3



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.007992, low cutoff = 0.0005308, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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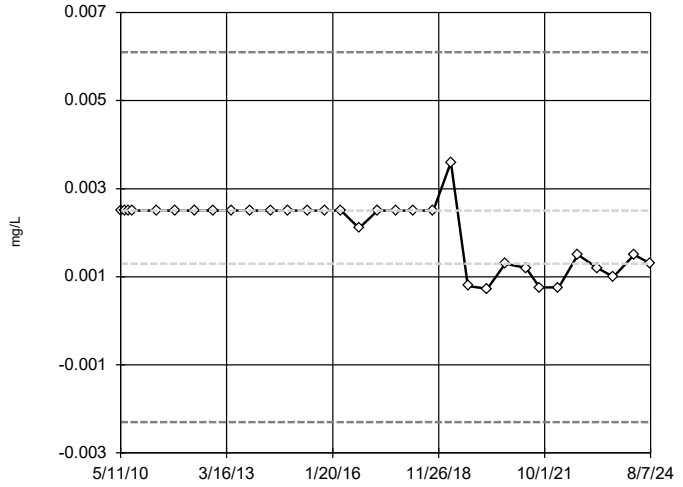
Tukey's Outlier Screening

GWC-4



n = 32

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0061, low cutoff = -0.0023, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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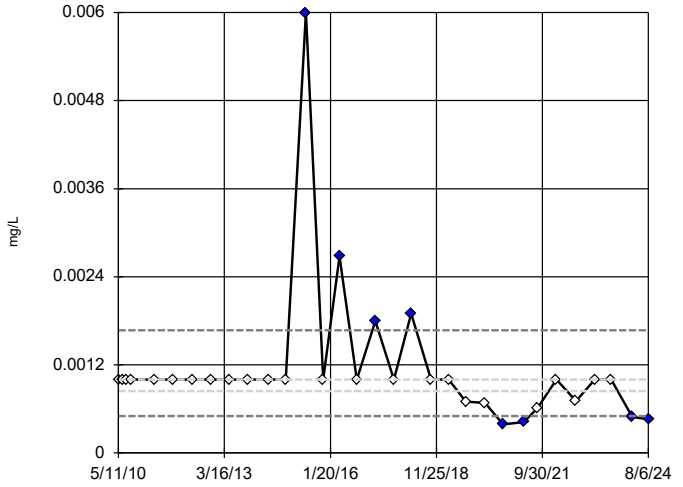
Tukey's Outlier Screening

GWC-5



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001672, low cutoff = 0.0005041, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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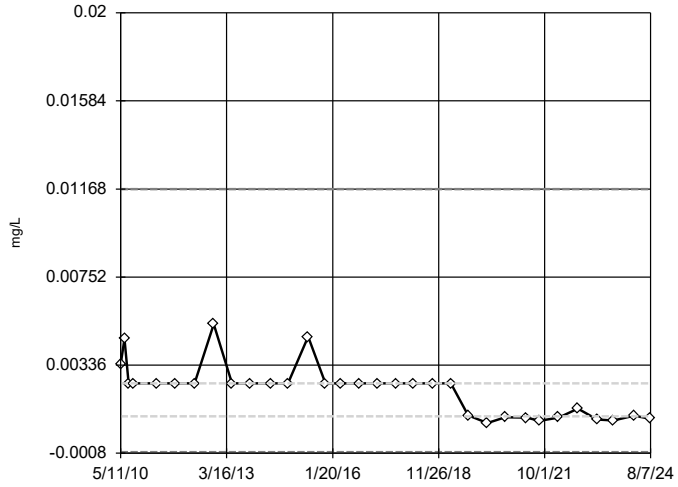
Tukey's Outlier Screening

GWC-6



n = 32

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01167, low cutoff = -0.0007502, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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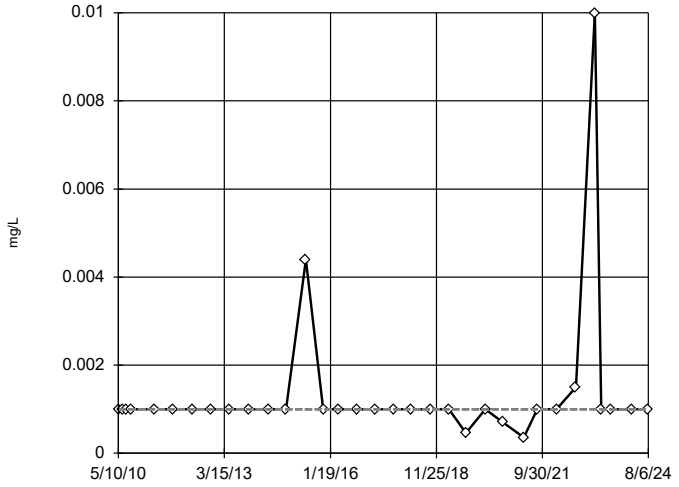
Tukey's Outlier Screening

GWC-7



n = 33

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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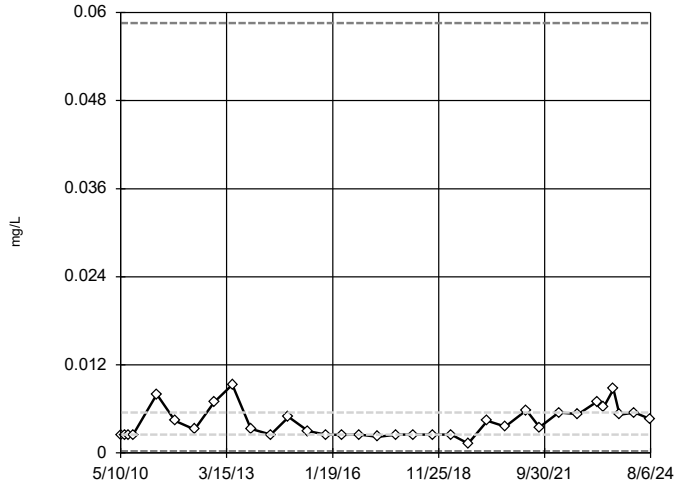
Tukey's Outlier Screening

GWC-8A



n = 34

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05856, low cutoff = 0.0002348, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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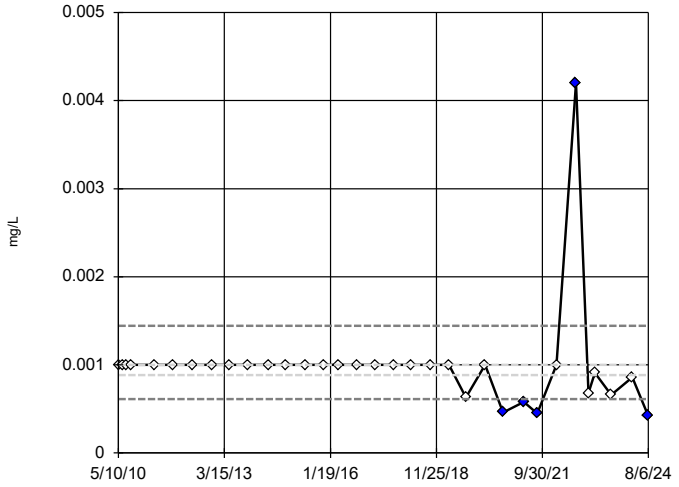
Tukey's Outlier Screening

GWC-9



n = 33

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001444, low cutoff = 0.0006125, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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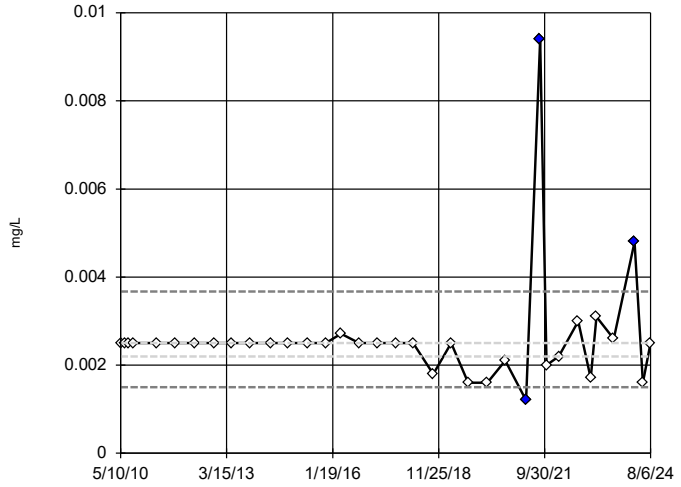
Tukey's Outlier Screening

GWC-10



n = 35

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003669, low cutoff = 0.001499, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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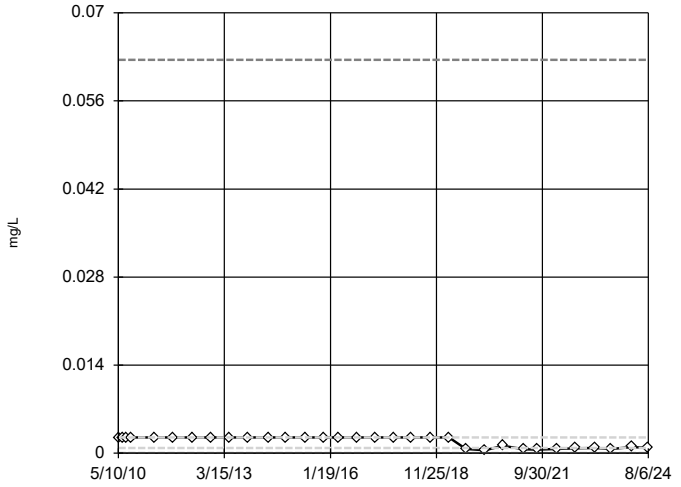
Tukey's Outlier Screening

GWC-11



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0625, low cutoff = 0.0000342, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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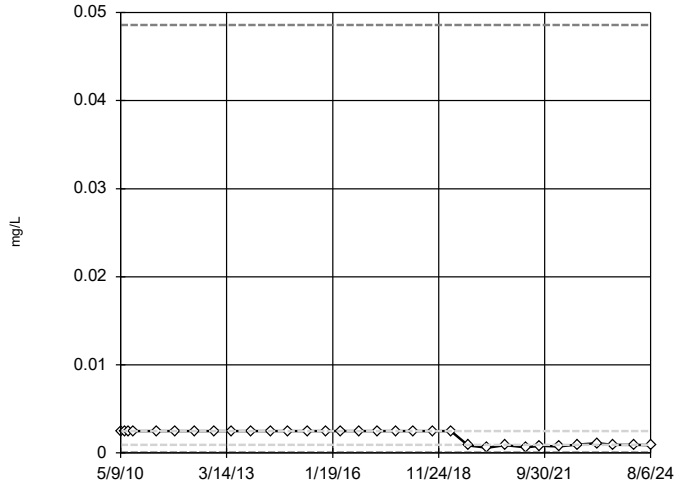
Tukey's Outlier Screening

GWC-12



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04857, low cutoff = 0.00004786, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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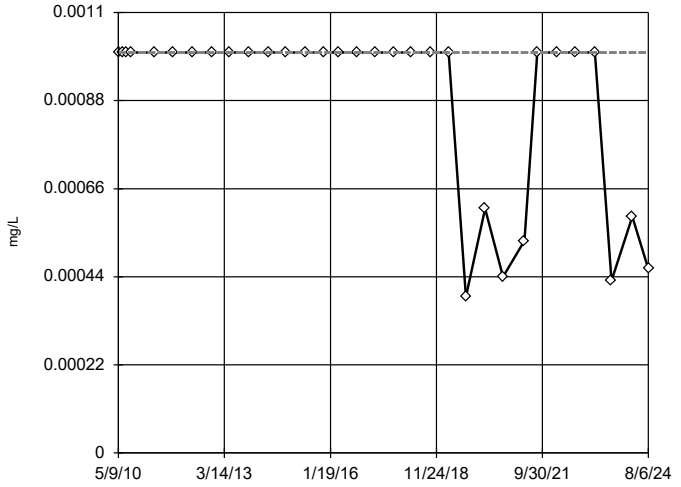
Tukey's Outlier Screening

GWC-13



n = 32

No outliers found.
Tukey's method selected by user.

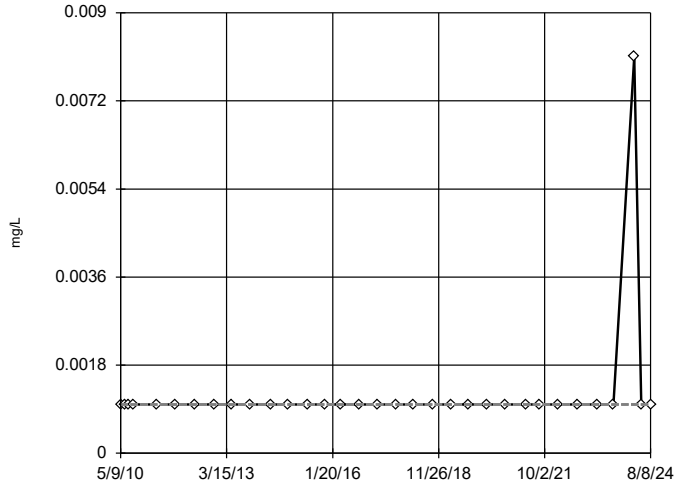
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 33

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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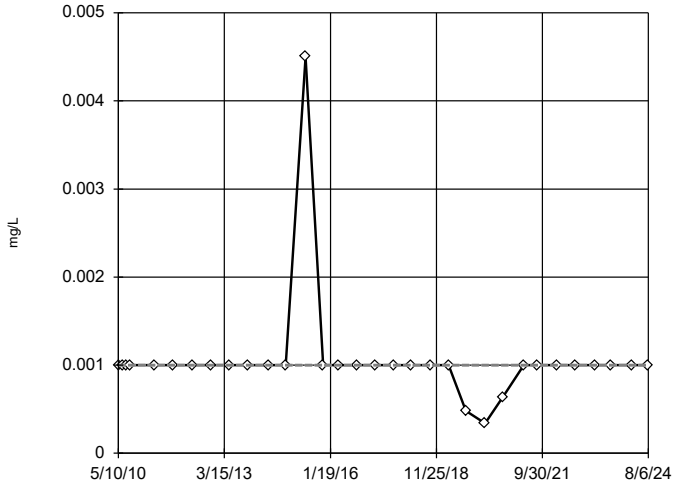
Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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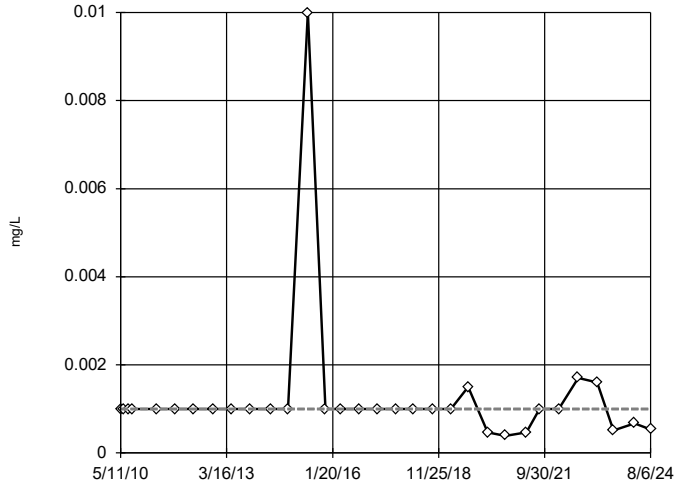
Tukey's Outlier Screening

GWC-19



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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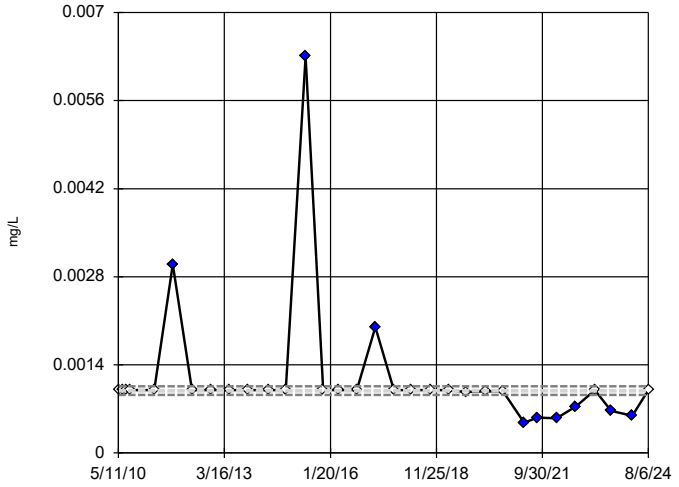
Tukey's Outlier Screening

GWC-20



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001062, low cutoff = 0.0009224, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

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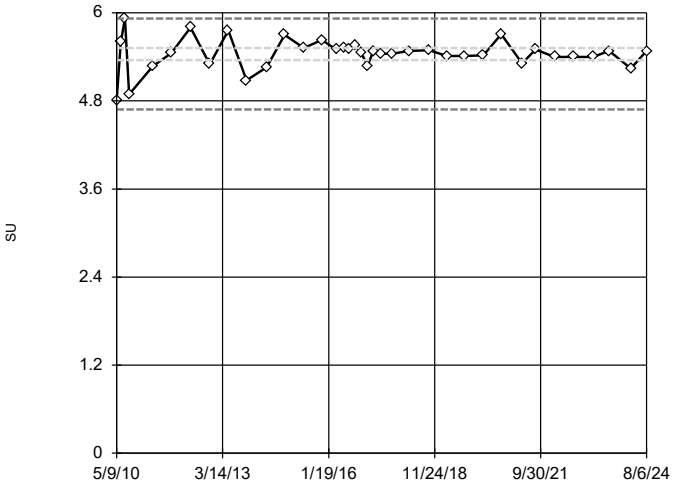
Tukey's Outlier Screening

GWA-15 (bg)



n = 38

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.921, low cutoff = 4.683, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

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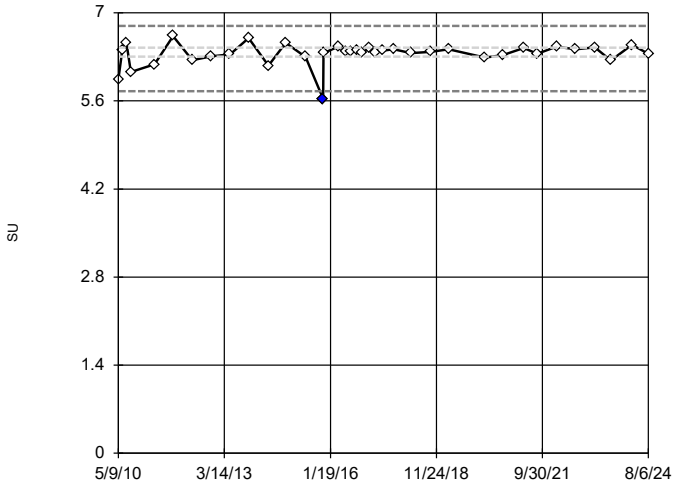
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.793, low cutoff = 5.754, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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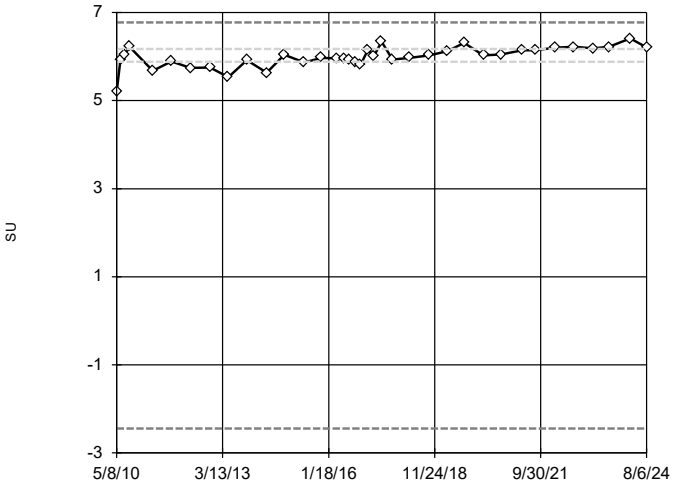
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.775, low cutoff = -2.443, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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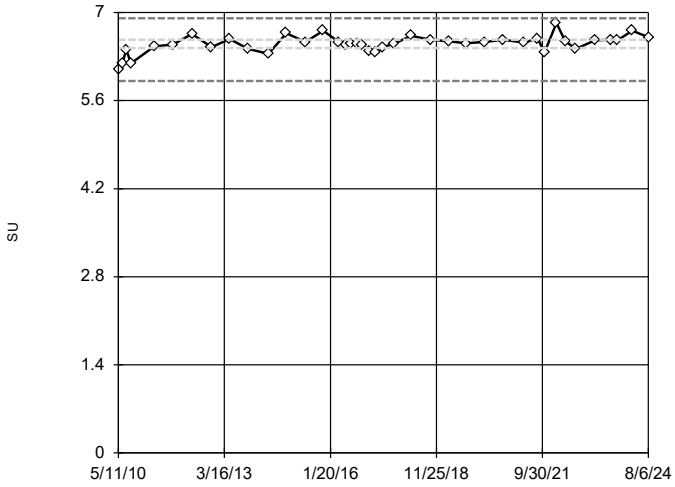
Tukey's Outlier Screening

GWC-1



n = 40

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.908, low cutoff = 5.914, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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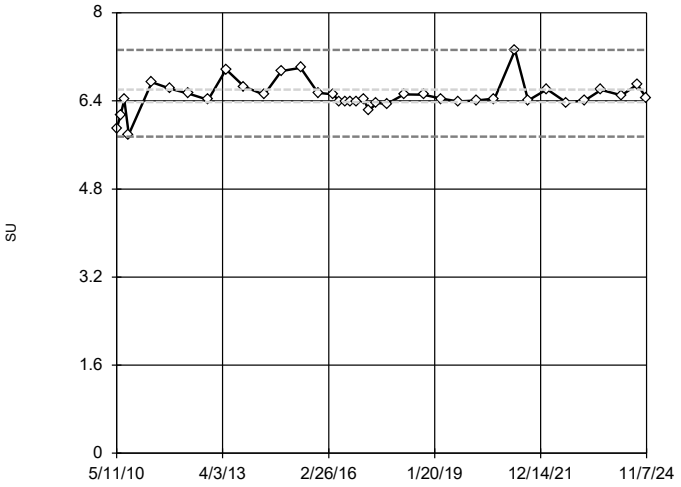
Tukey's Outlier Screening

GWC-2



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.329, low cutoff = 5.75, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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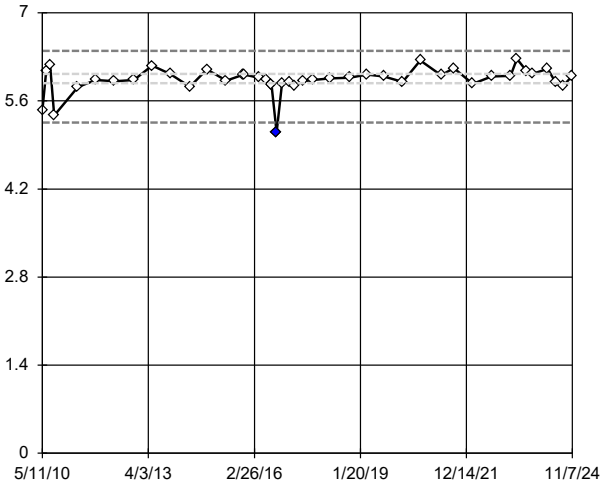
Tukey's Outlier Screening

GWC-3



n = 43

Outlier is drawn as solid. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.394, low cutoff = 5.257, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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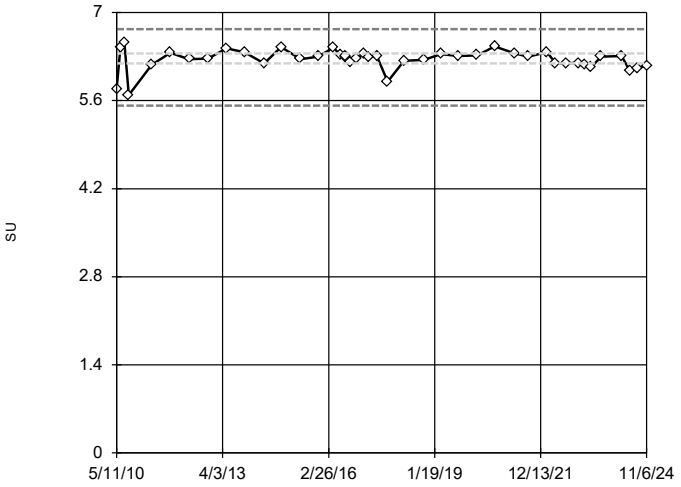
Tukey's Outlier Screening

GWC-4



n = 43

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.737, low cutoff = 5.521, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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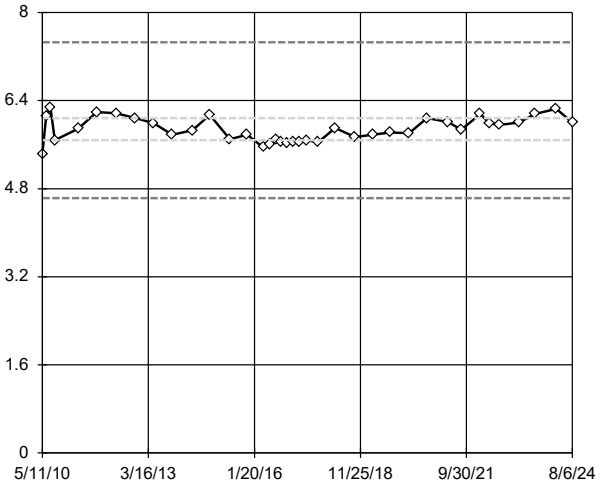
Tukey's Outlier Screening

GWC-5



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.457, low cutoff = 4.631, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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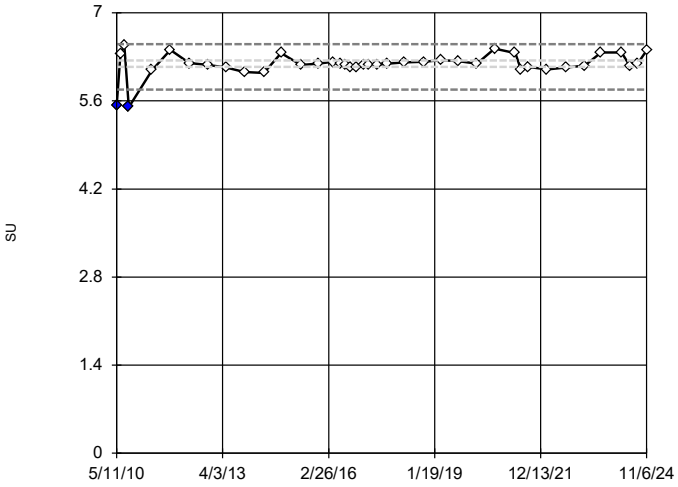
Tukey's Outlier Screening

GWC-6



n = 40

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.5, low cutoff = 5.778, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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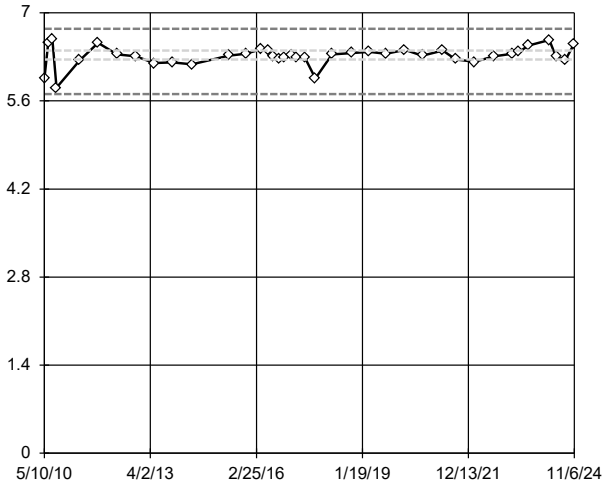
Tukey's Outlier Screening

GWC-7



n = 39

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.747, low cutoff = 5.707, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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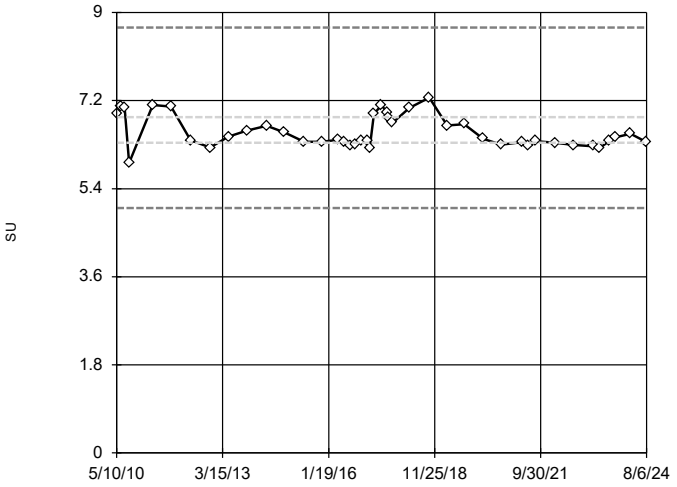
Tukey's Outlier Screening

GWC-8A



n = 43

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.69, low cutoff = 5.005, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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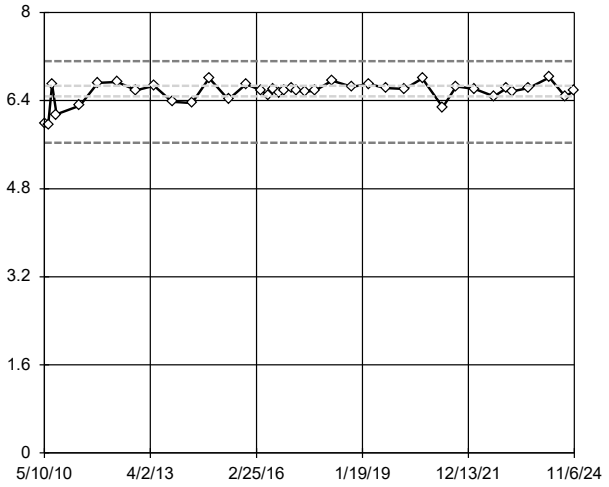
Tukey's Outlier Screening

GWC-9



n = 39

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.118, low cutoff = 5.634, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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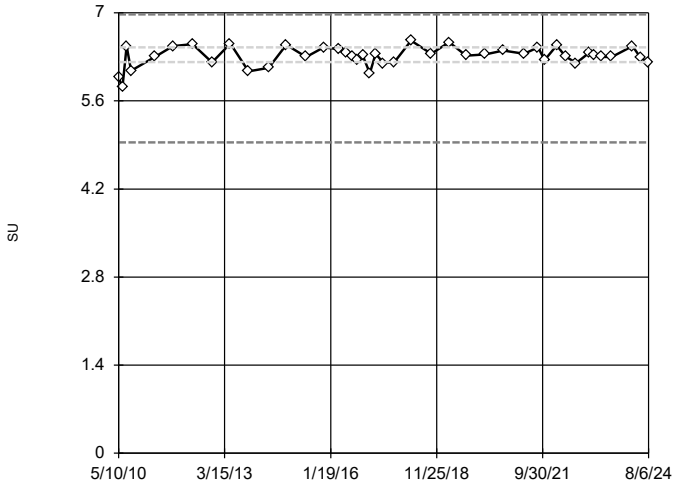
Tukey's Outlier Screening

GWC-10



n = 42

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.975, low cutoff = 4.939, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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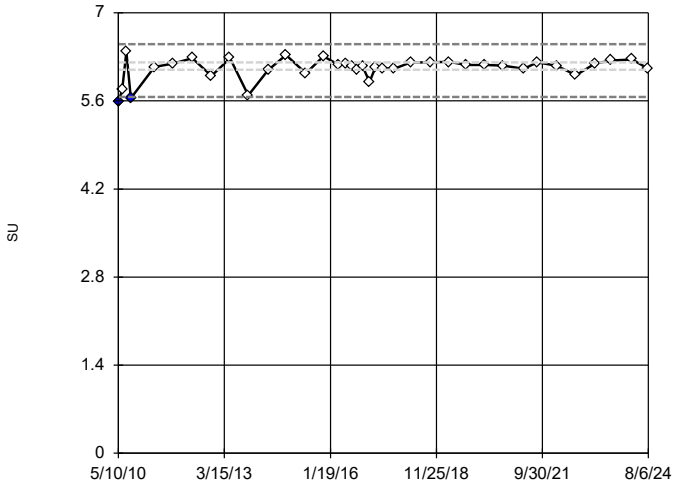
Tukey's Outlier Screening

GWC-11



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.503, low cutoff = 5.664, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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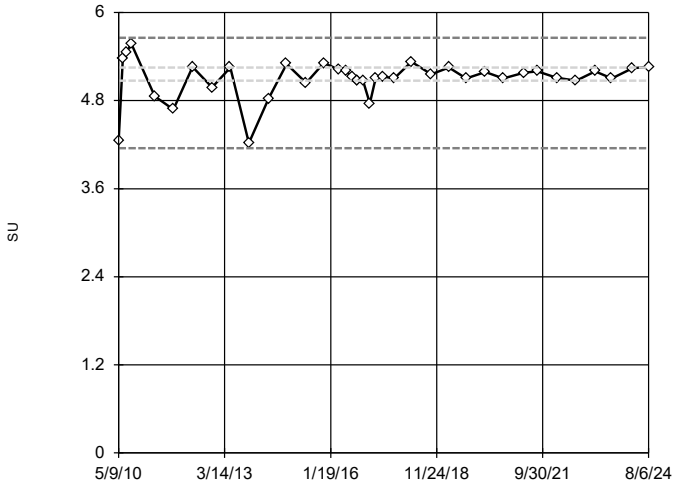
Tukey's Outlier Screening

GWC-12



n = 38

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.658, low cutoff = 4.152, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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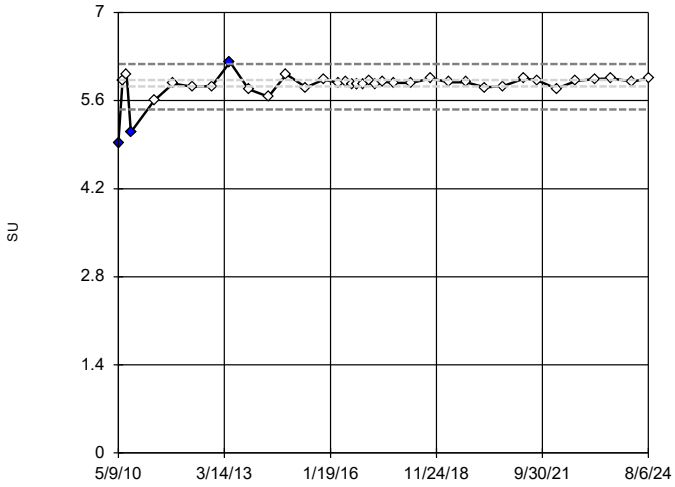
Tukey's Outlier Screening

GWC-13



n = 38

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.183, low cutoff = 5.459, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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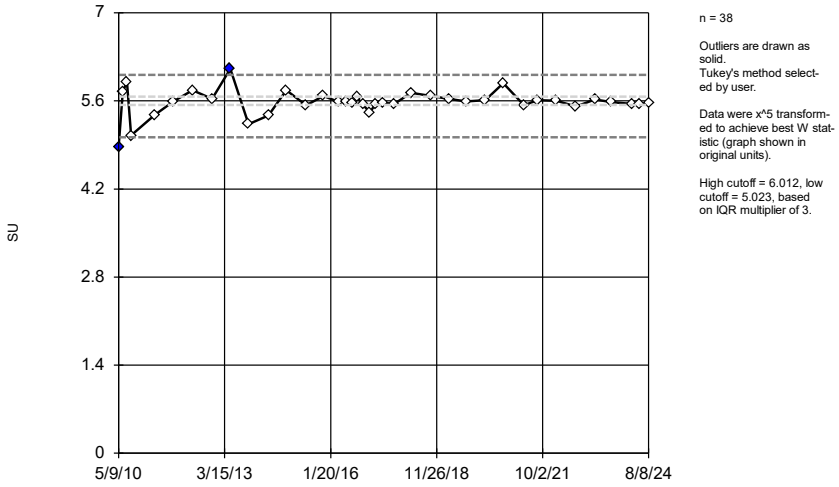
Tukey's Outlier Screening

GWC-14



n = 38

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.012, low cutoff = 5.023, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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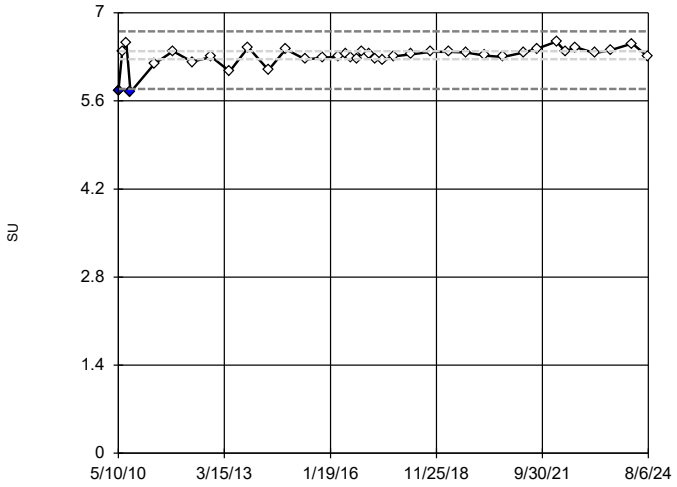
Tukey's Outlier Screening

GWC-18



n = 38

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.706, low cutoff = 5.789, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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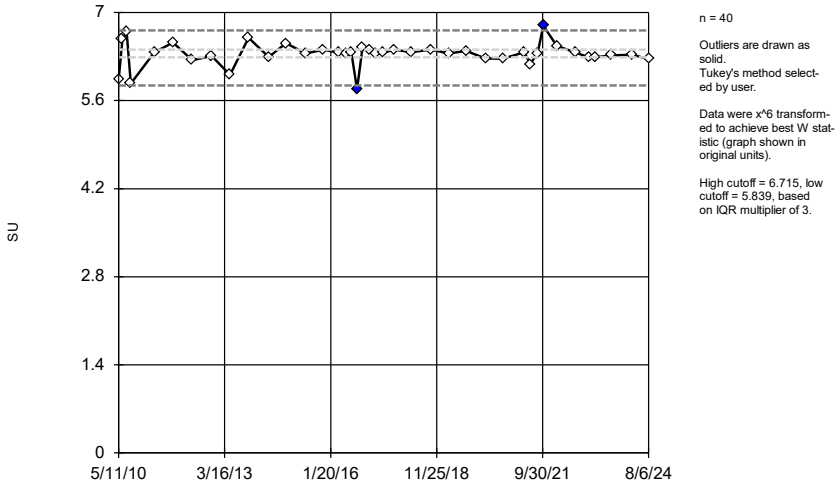
Tukey's Outlier Screening

GWC-19



n = 40

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.715, low cutoff = 5.839, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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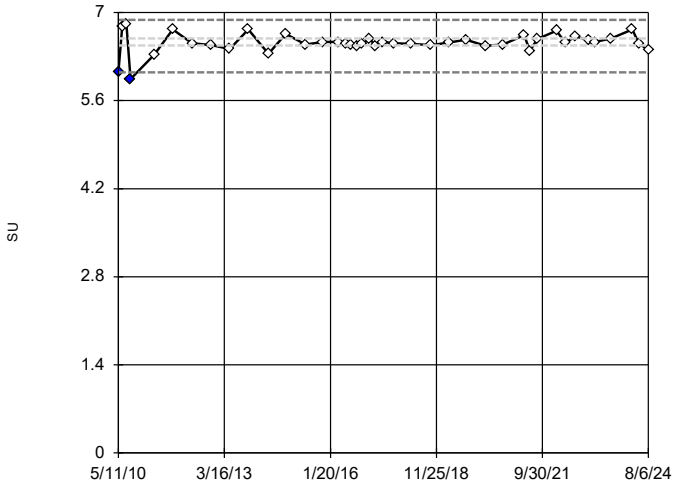
Tukey's Outlier Screening

GWC-20



n = 41

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.885, low cutoff = 6.051, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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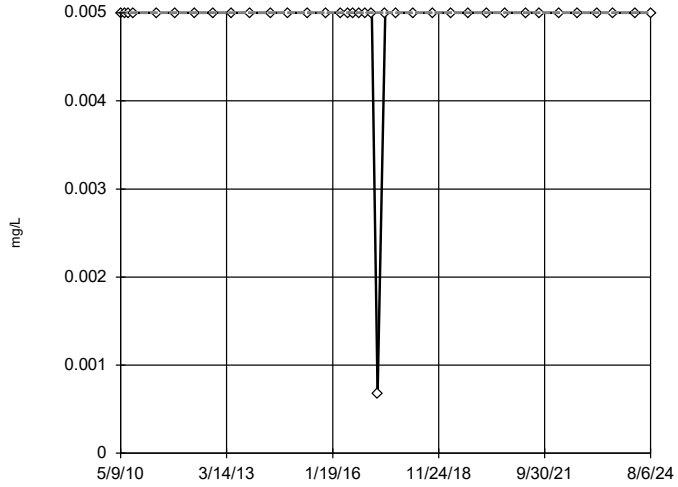
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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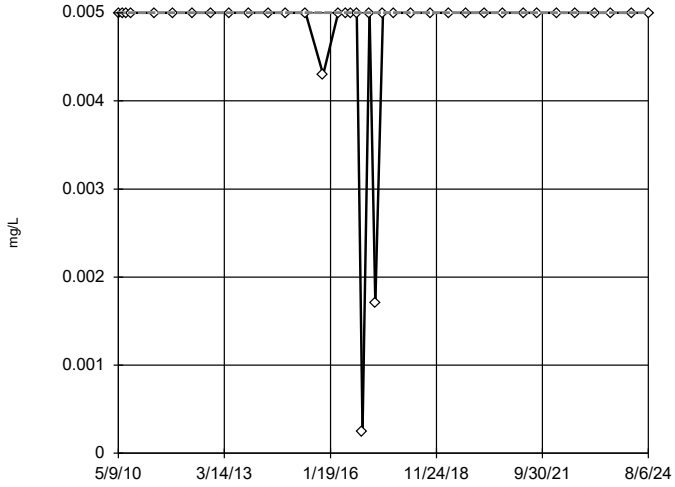
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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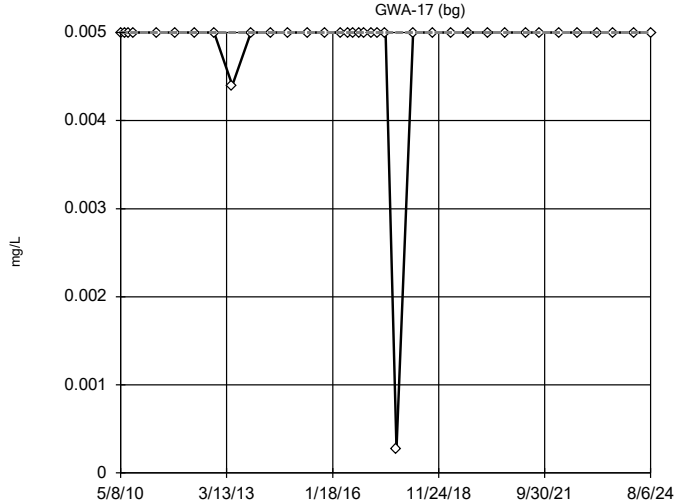
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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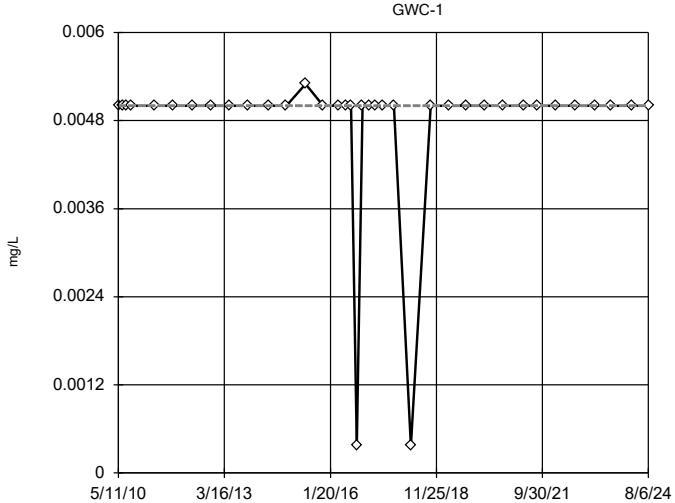
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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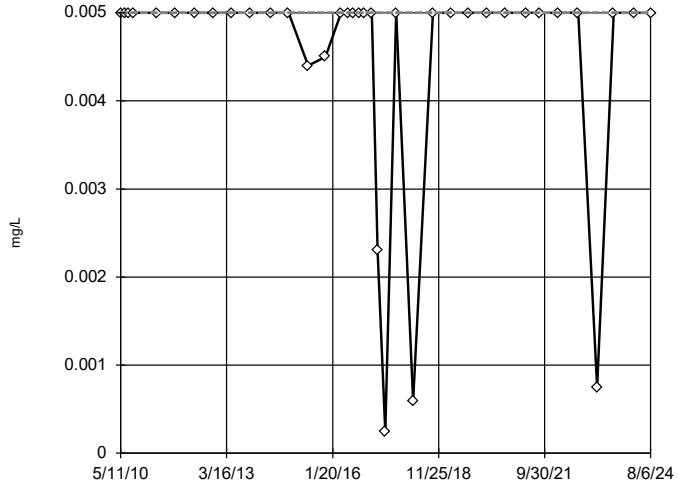
Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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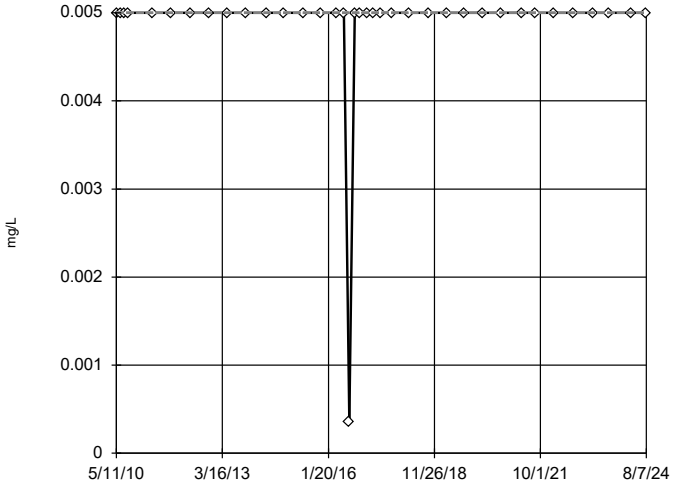
Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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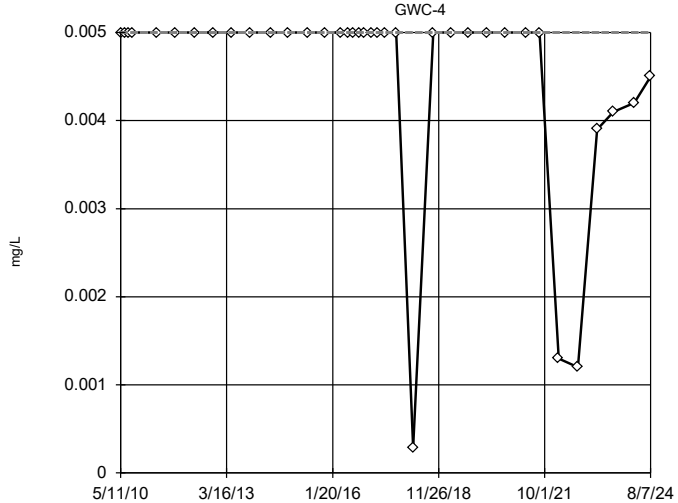
Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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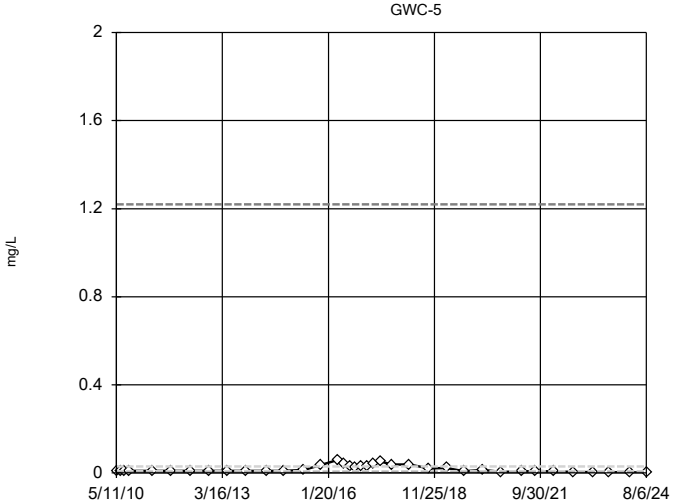
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.22, low cutoff = 0.0001982, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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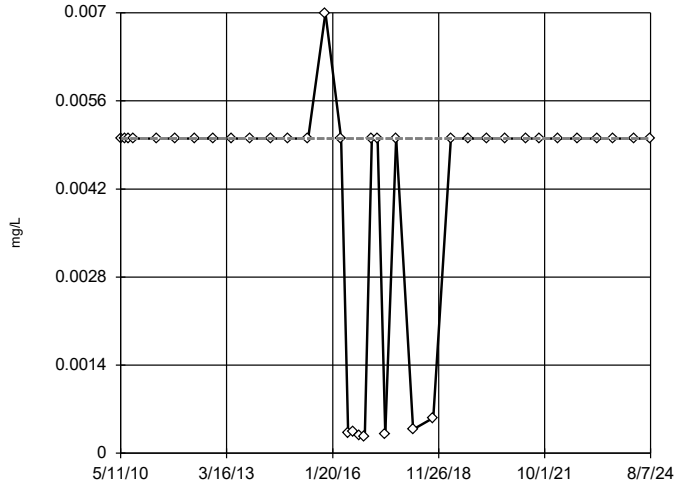
Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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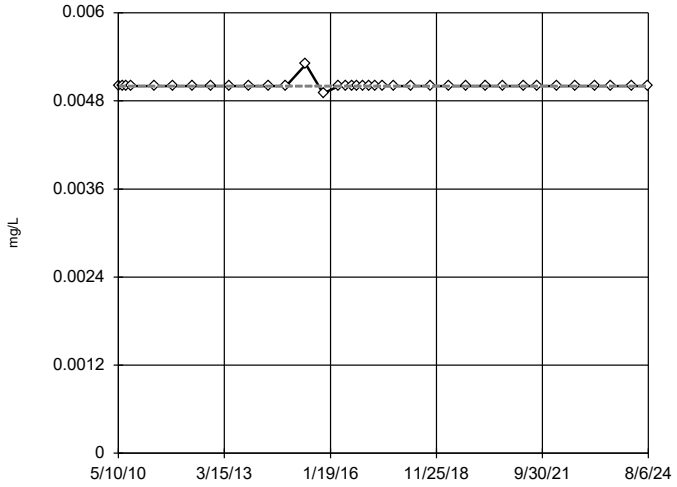
Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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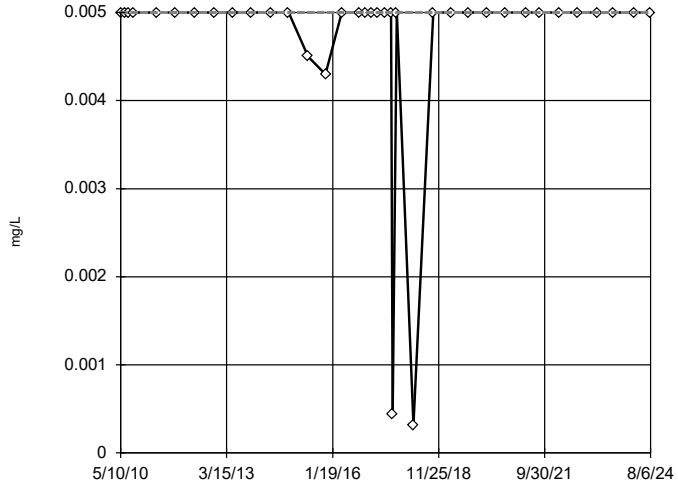
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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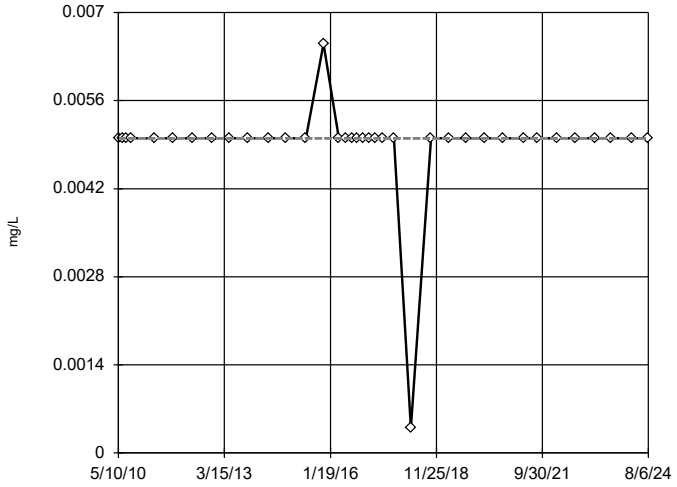
Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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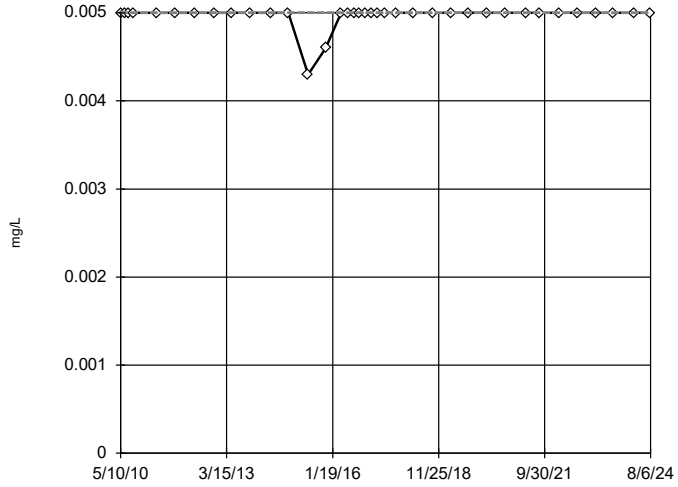
Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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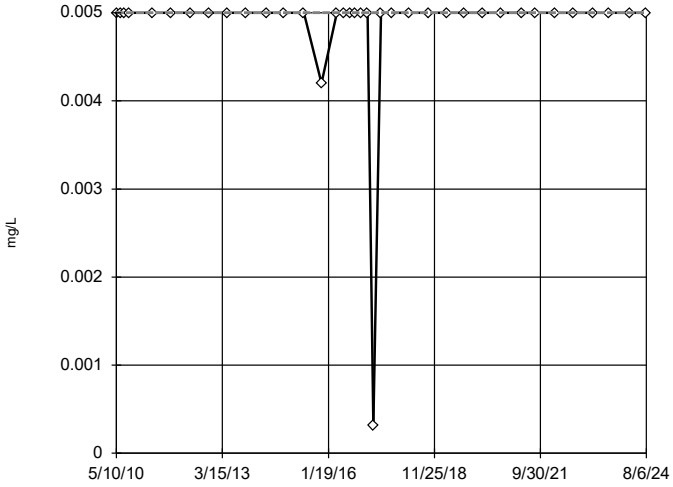
Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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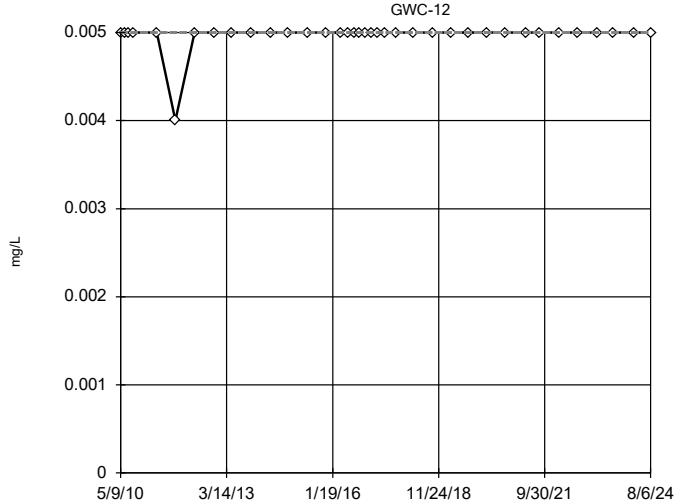
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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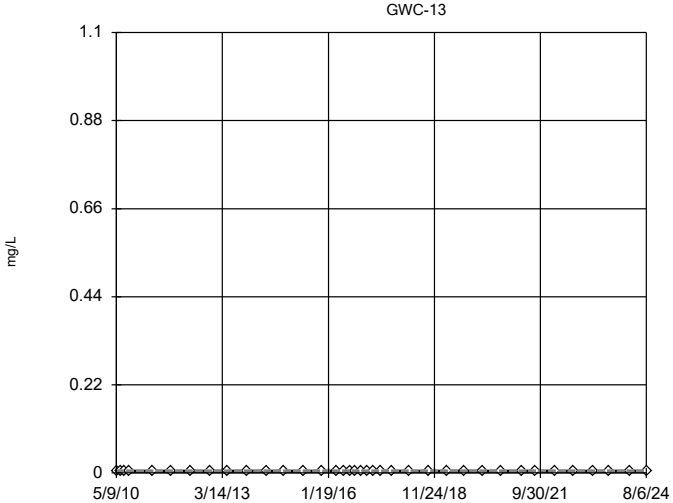
Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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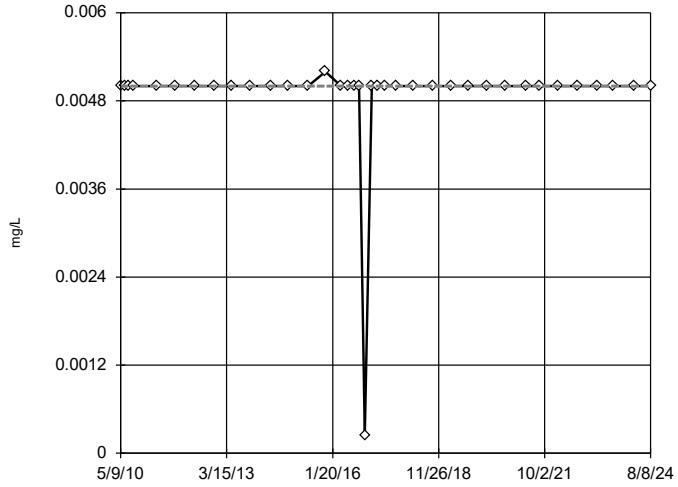
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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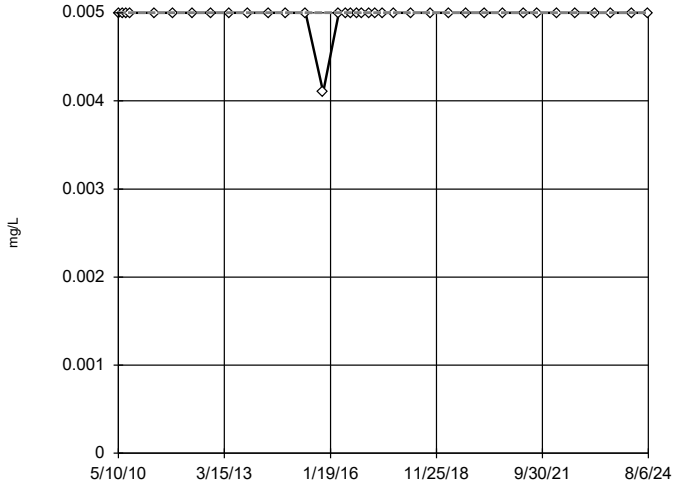
Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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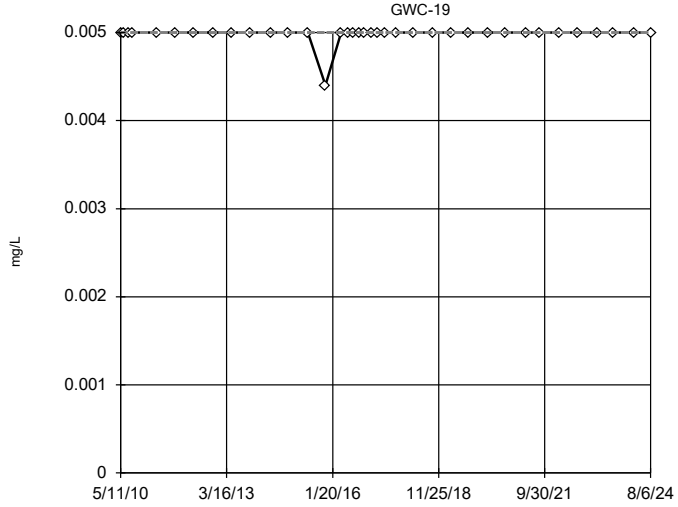
Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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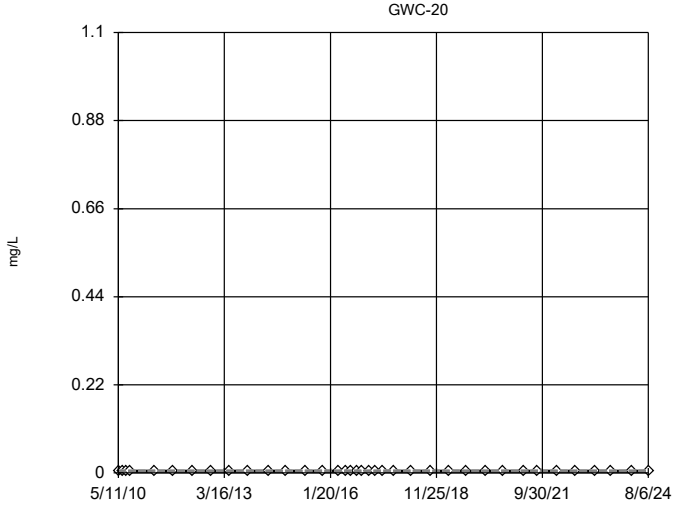
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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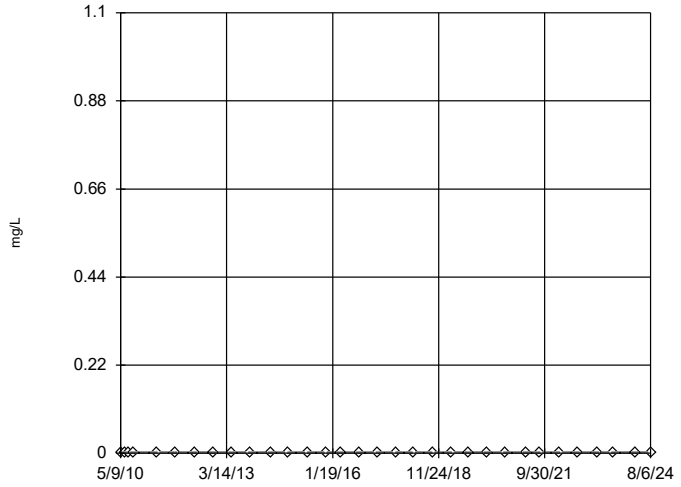
Tukey's Outlier Screening

GWA-15 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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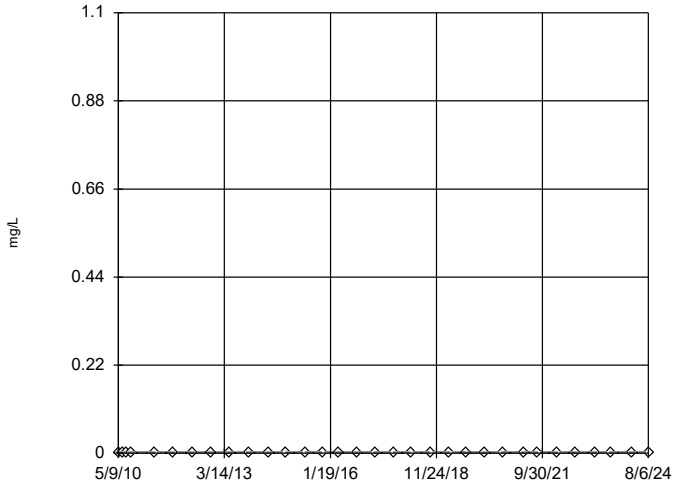
Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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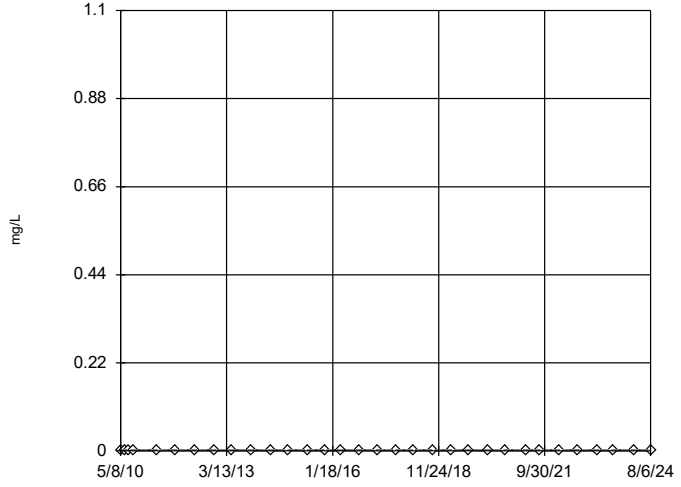
Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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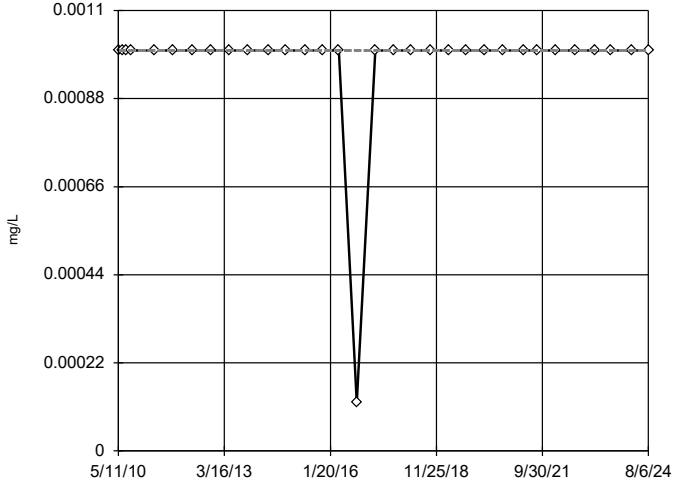
Tukey's Outlier Screening

GWC-1



n = 32

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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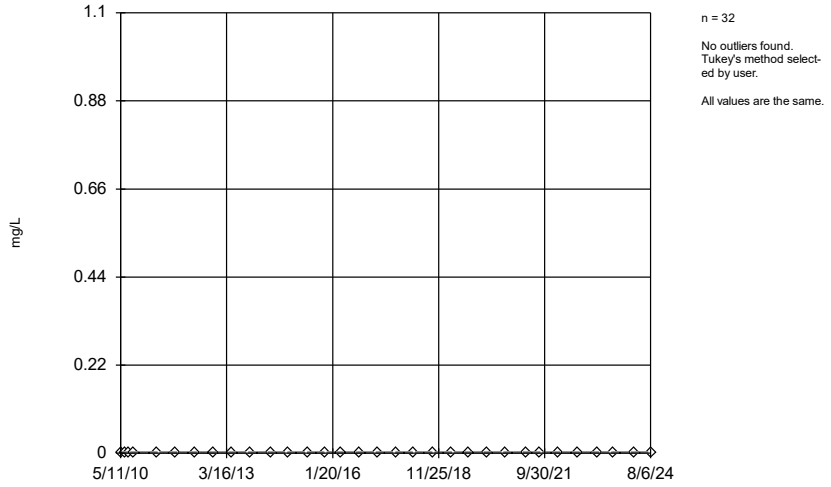
Tukey's Outlier Screening

GWC-2



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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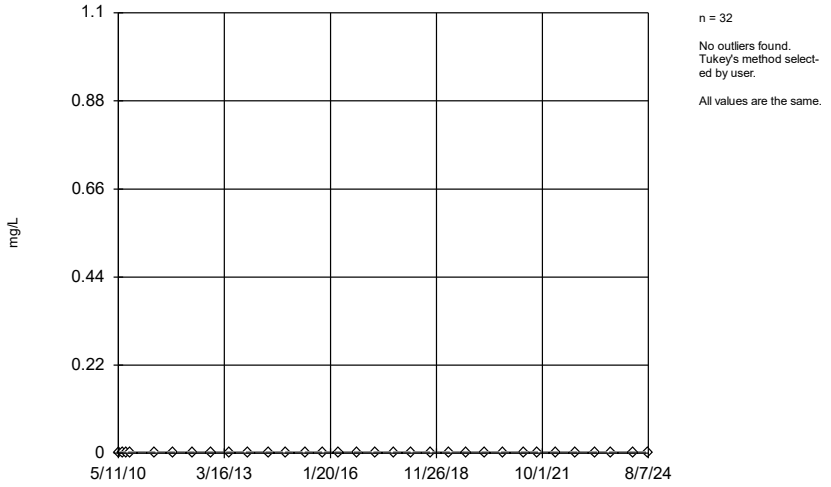
Tukey's Outlier Screening

GWC-3



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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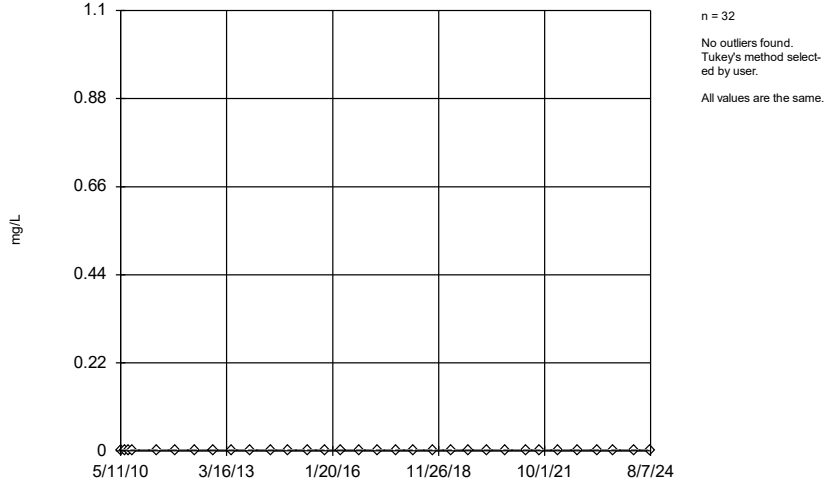
Tukey's Outlier Screening

GWC-4



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

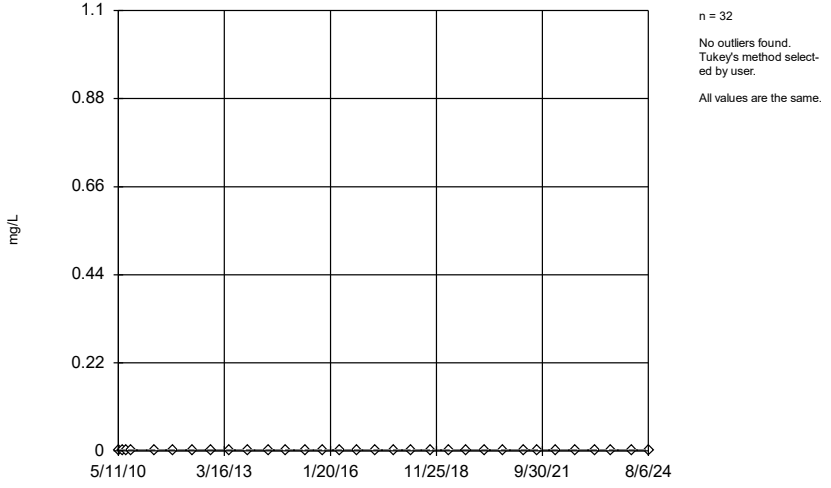
Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-5



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

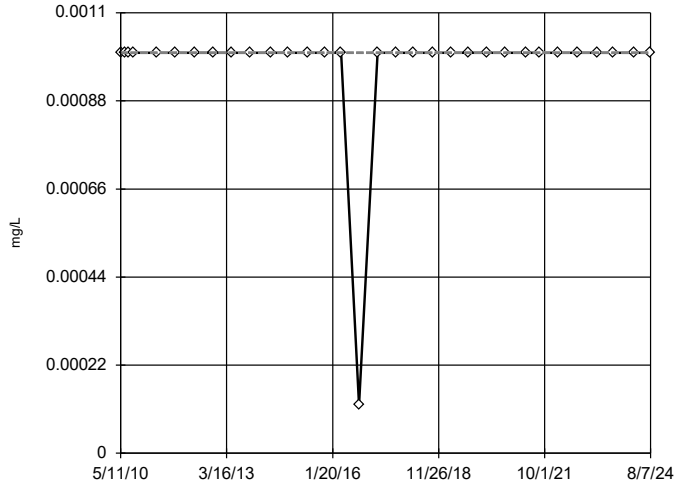
Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-6



n = 32

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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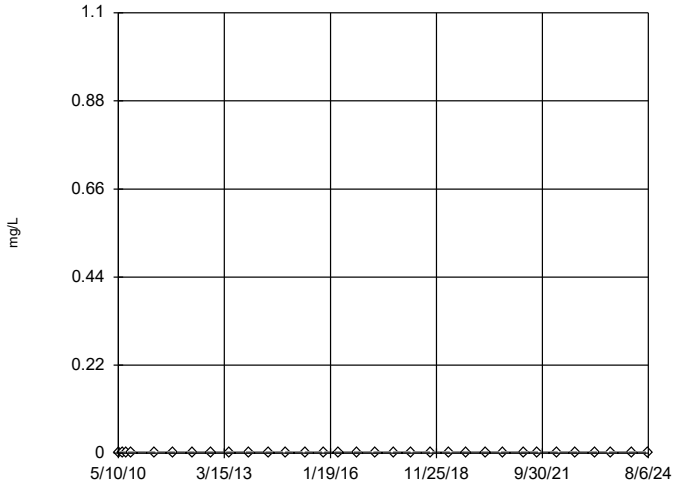
Tukey's Outlier Screening

GWC-7



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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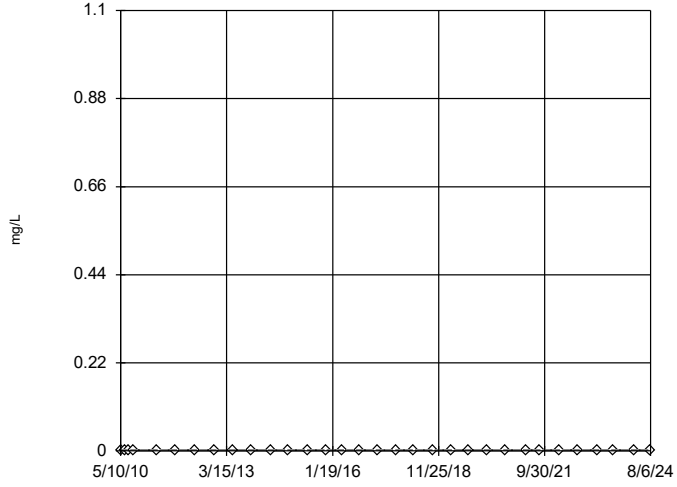
Tukey's Outlier Screening

GWC-8A



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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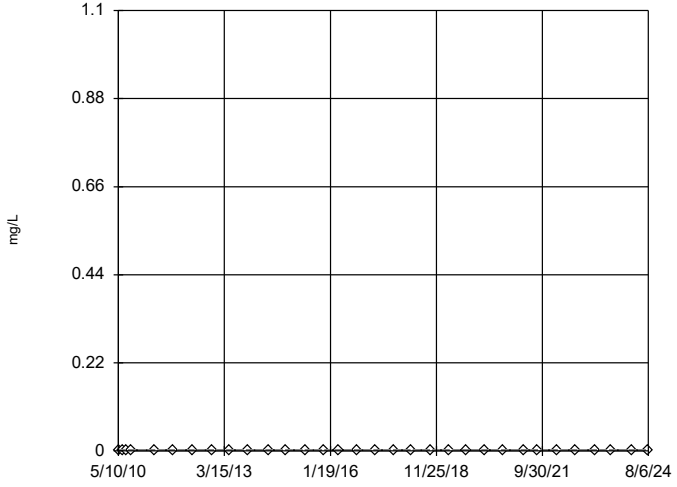
Tukey's Outlier Screening

GWC-9



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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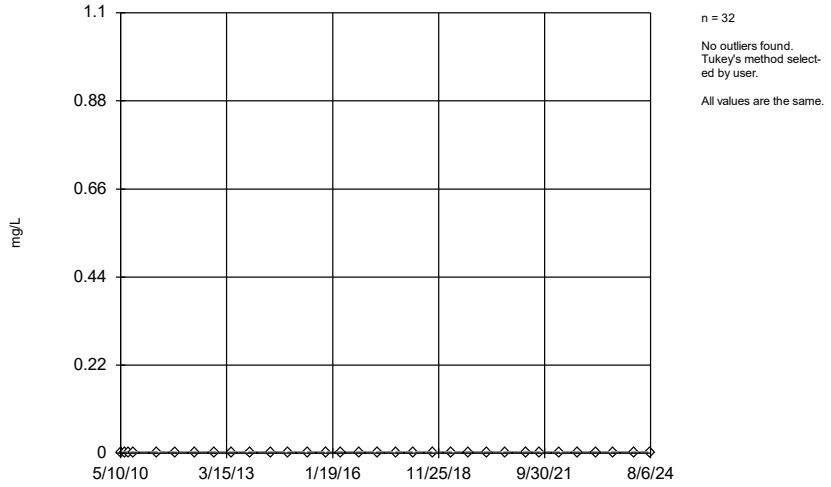
Tukey's Outlier Screening

GWC-10



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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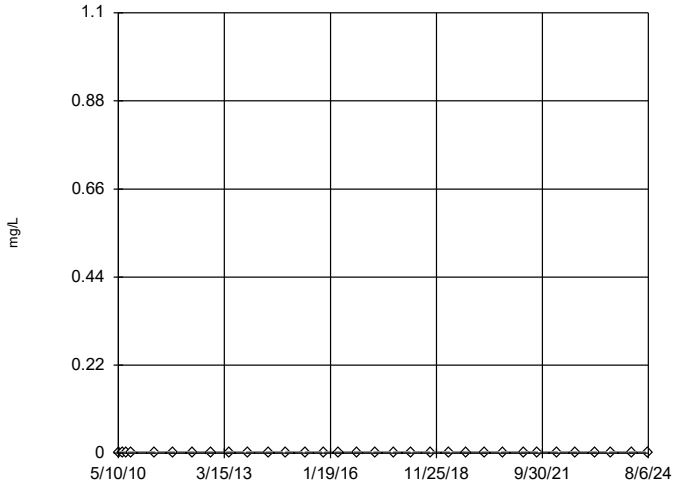
Tukey's Outlier Screening

GWC-11



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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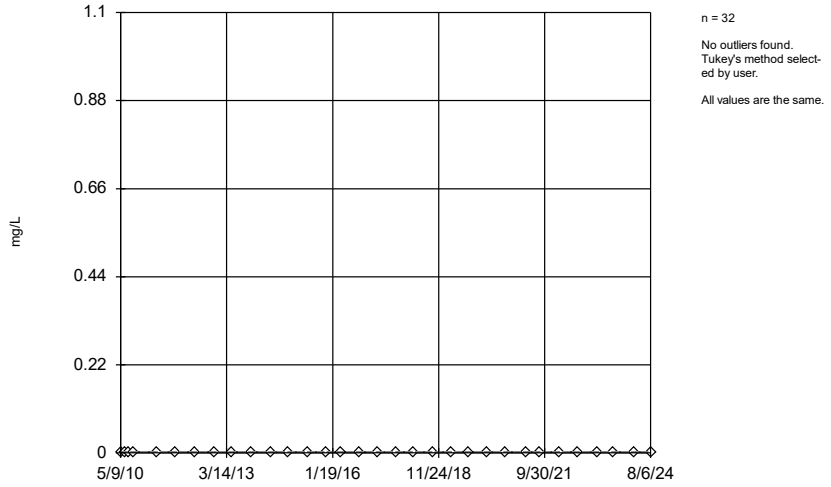
Tukey's Outlier Screening

GWC-12



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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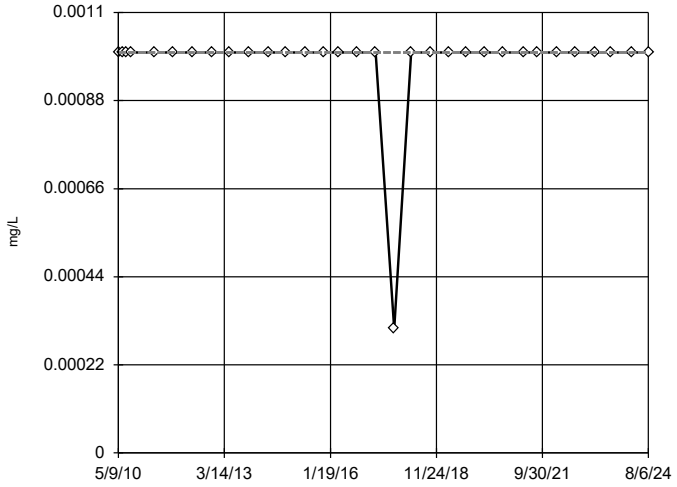
Tukey's Outlier Screening

GWC-13



n = 32

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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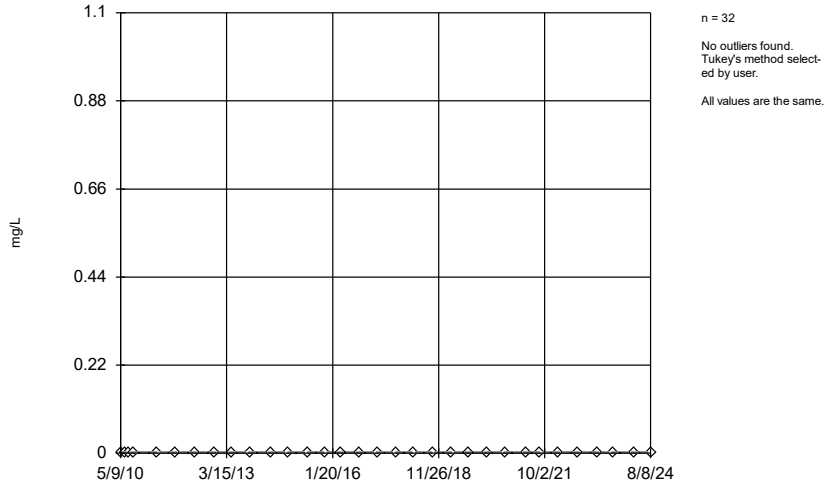
Tukey's Outlier Screening

GWC-14



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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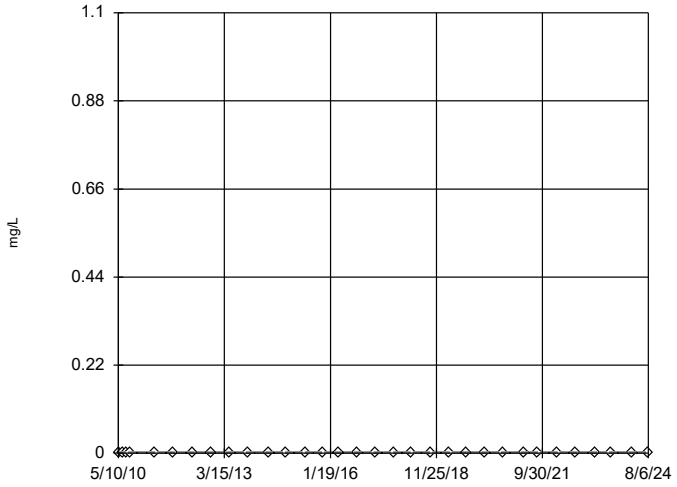
Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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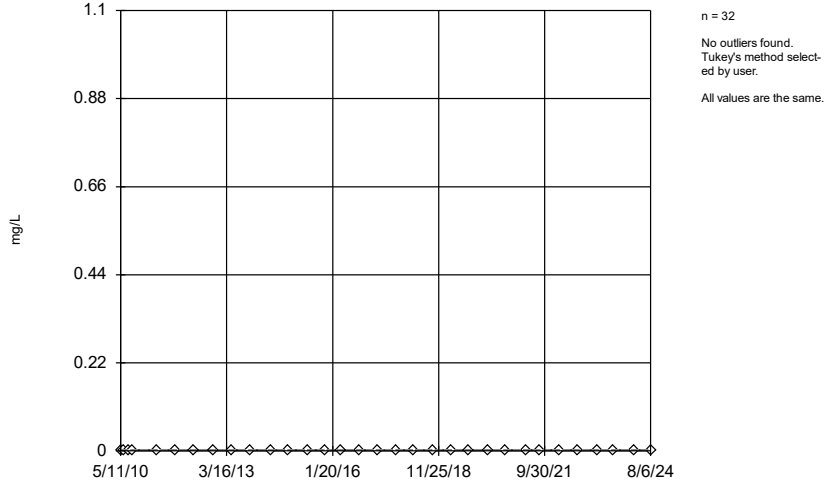
Tukey's Outlier Screening

GWC-19



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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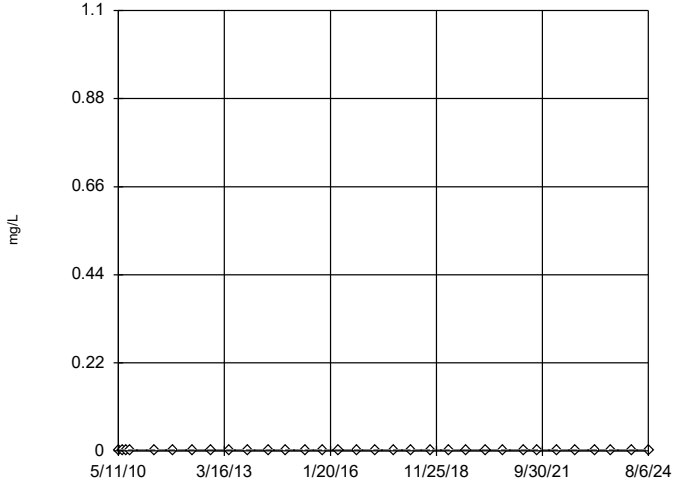
Tukey's Outlier Screening

GWC-20



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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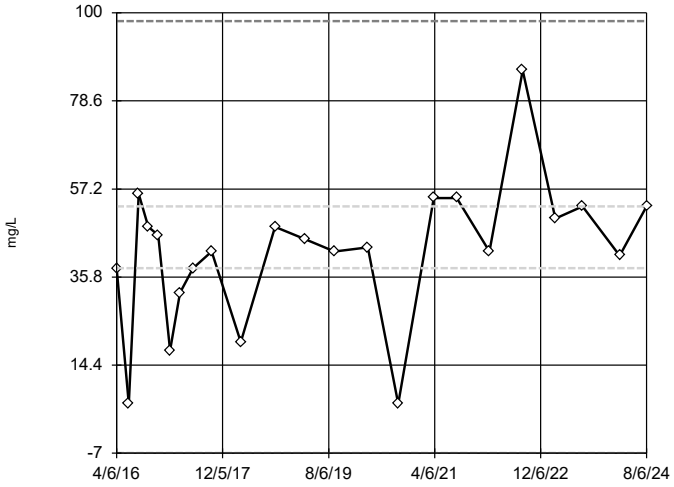
Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 98, low cutoff = -7, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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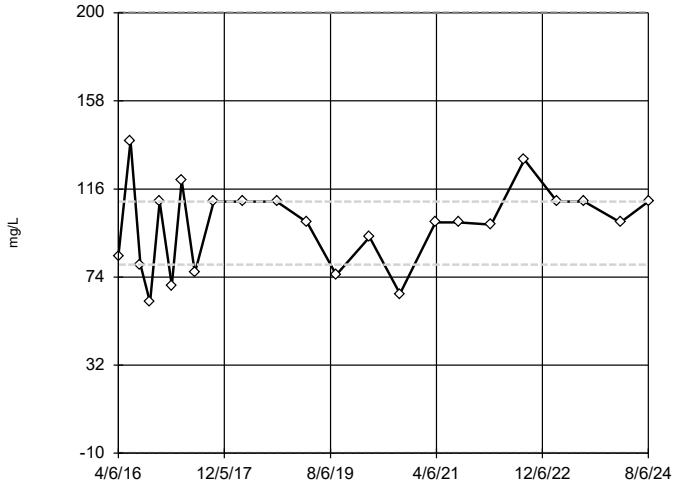
Tukey's Outlier Screening

GWA-16 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 200, low cutoff = -10, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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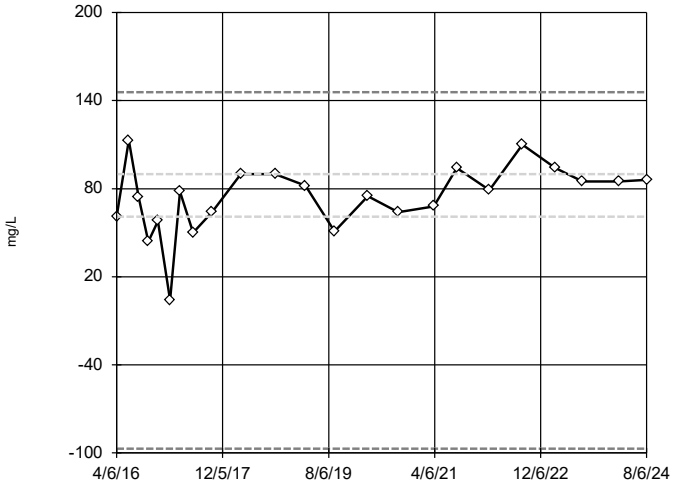
Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 145.7, low cutoff = -97.04, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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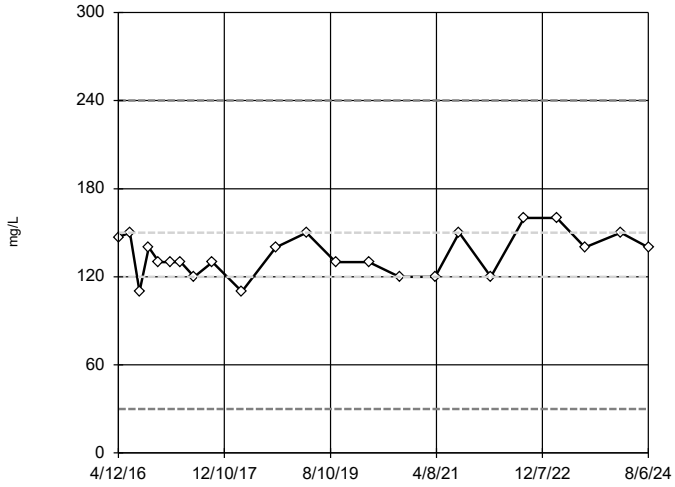
Tukey's Outlier Screening

GWC-1



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 240, low cutoff = 30, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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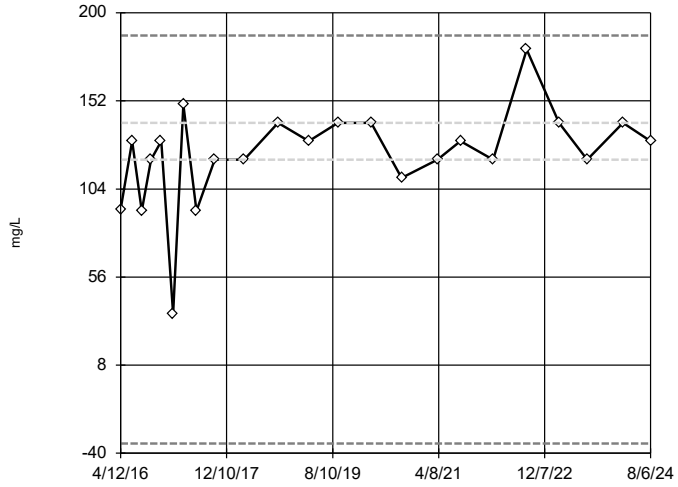
Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 187.6, low cutoff = -34.64, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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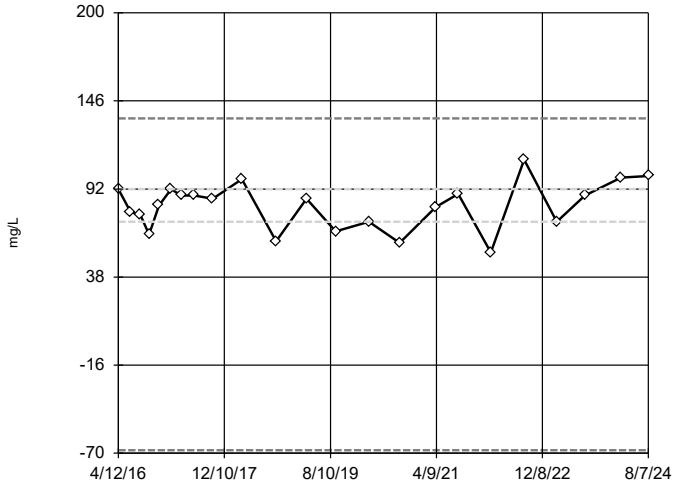
Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 135.3, low cutoff = -68.23, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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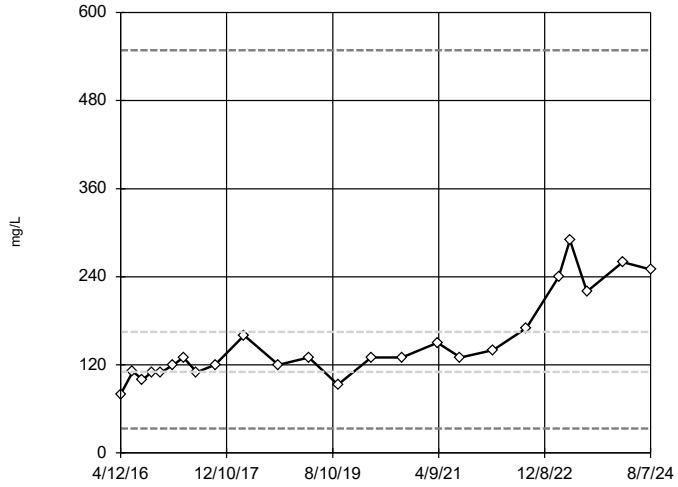
Tukey's Outlier Screening

GWC-4



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 548.4, low cutoff = 33.23, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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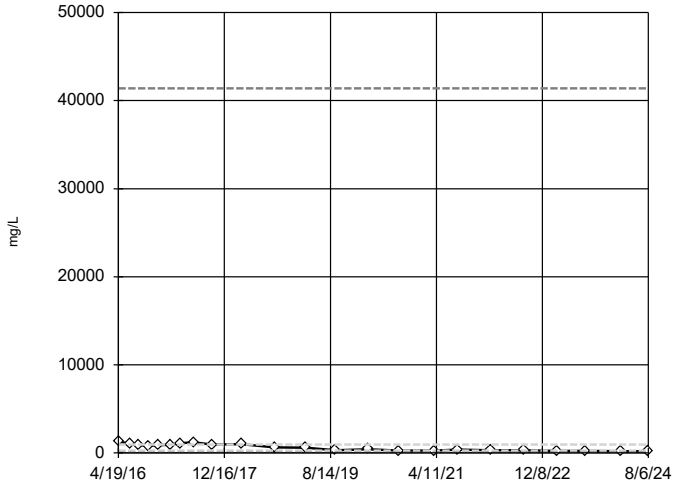
Tukey's Outlier Screening

GWC-5



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

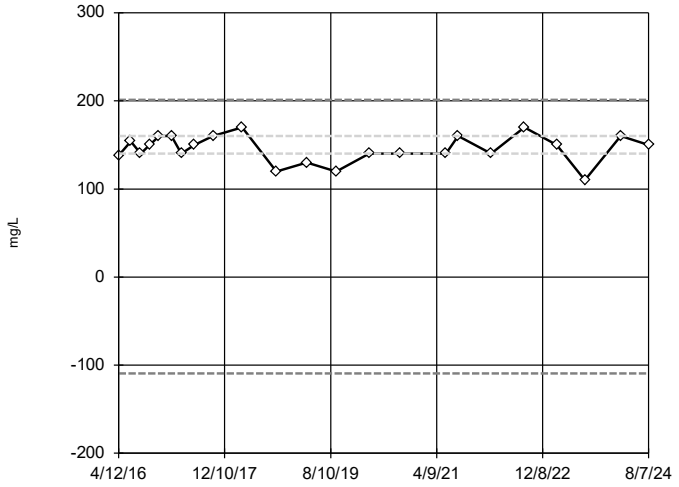
High cutoff = 41381, low cutoff = 6.198, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-6



n = 23

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 201.3, low cutoff = -109.5, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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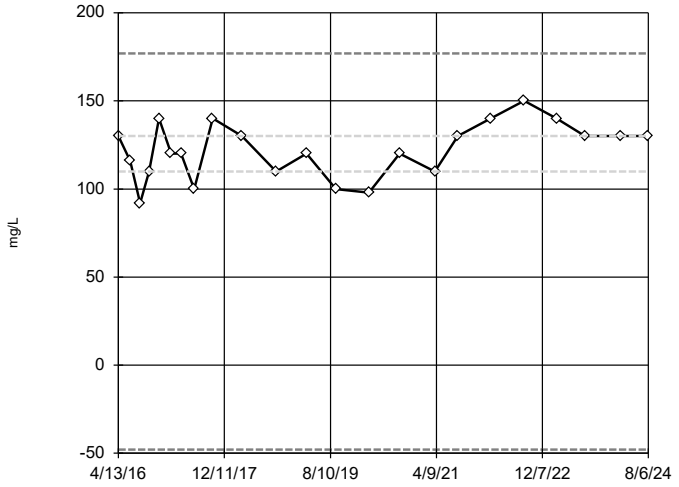
Tukey's Outlier Screening

GWC-7



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 176.9, low cutoff = -47.96, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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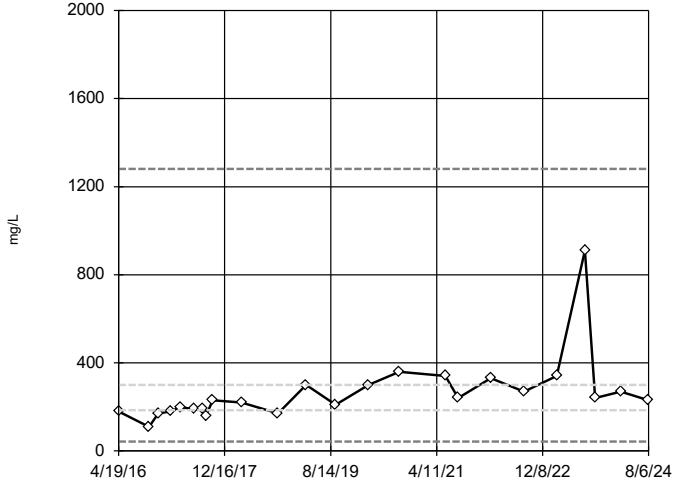
Tukey's Outlier Screening

GWC-8A



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1281, low cutoff = 43.32, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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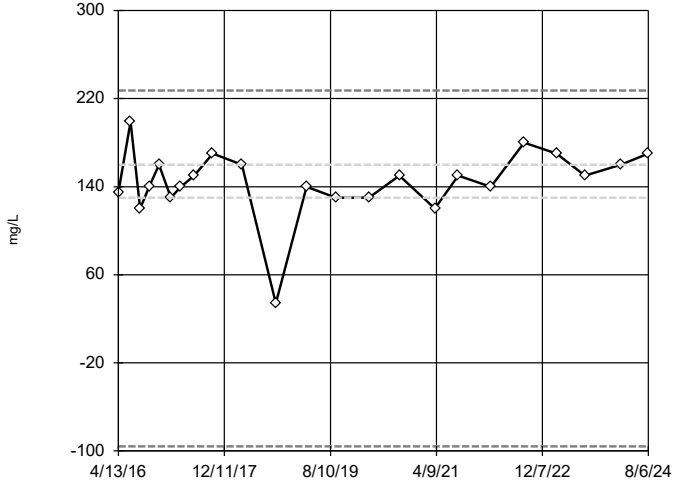
Tukey's Outlier Screening

GWC-9



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 227.4, low cutoff = -95.92, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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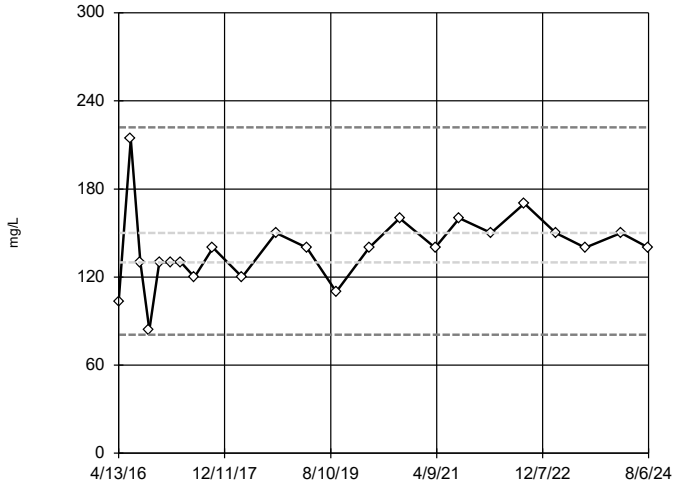
Tukey's Outlier Screening

GWC-10



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 222.1, low cutoff = 80.81, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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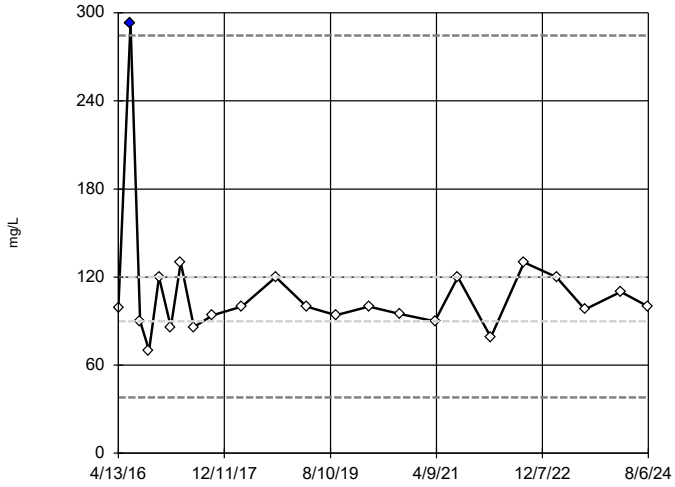
Tukey's Outlier Screening

GWC-11



n = 23

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 284.4, low cutoff = 37.97, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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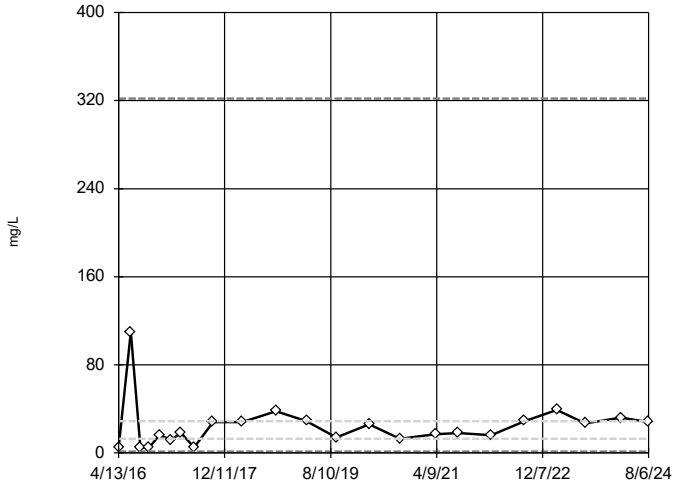
Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 321.9, low cutoff = 1.171, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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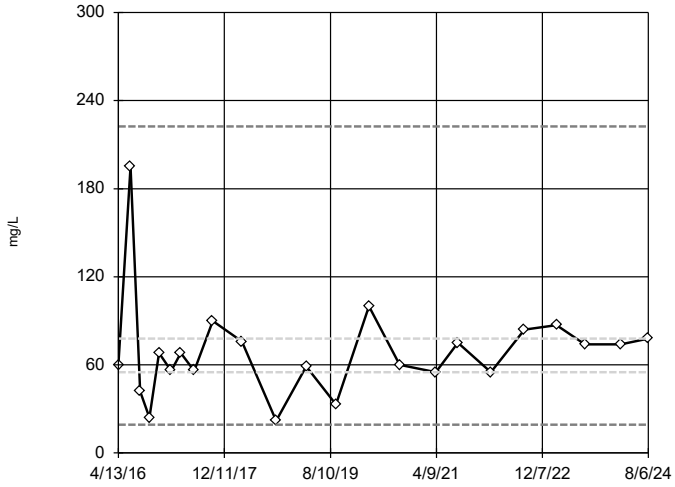
Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

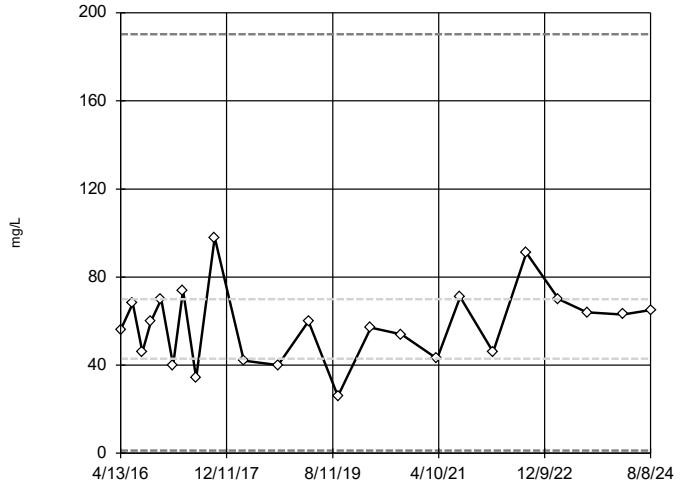
High cutoff = 222.5, low cutoff = 19.28, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 190.3, low cutoff = 1.277, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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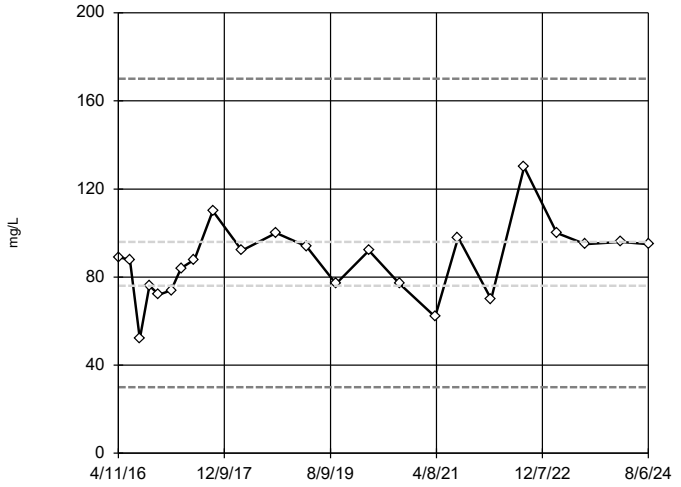
Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 170, low cutoff = 30, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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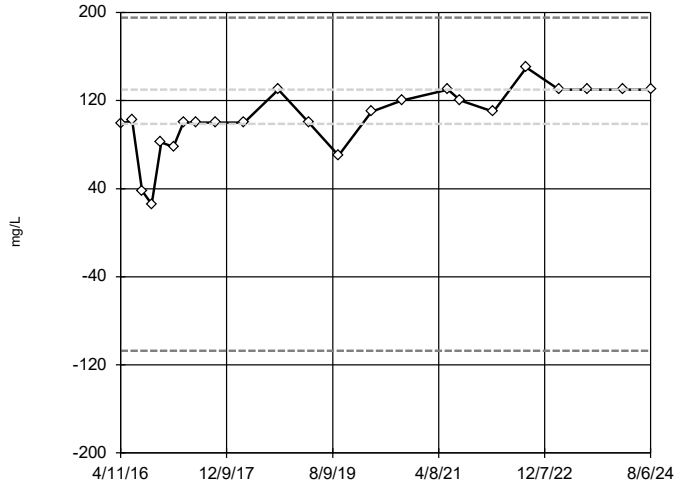
Tukey's Outlier Screening

GWC-19



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 195.4, low cutoff = -107.2, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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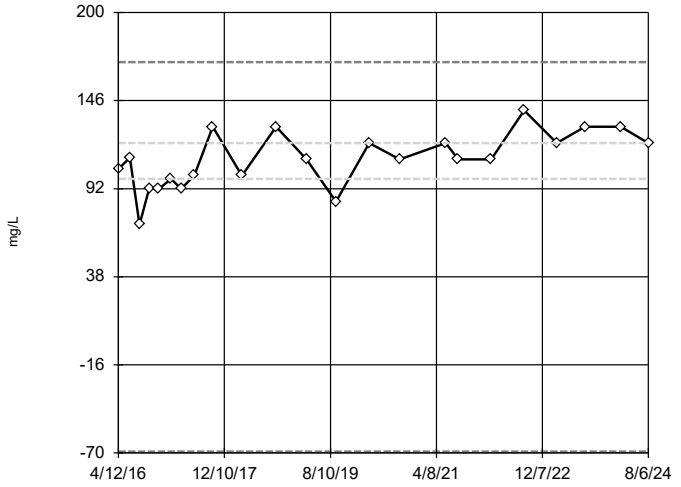
Tukey's Outlier Screening

GWC-20



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 169.7, low cutoff = -69.17, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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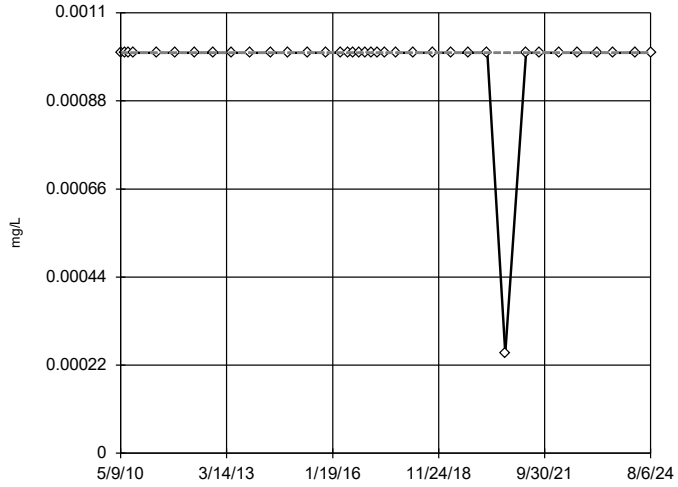
Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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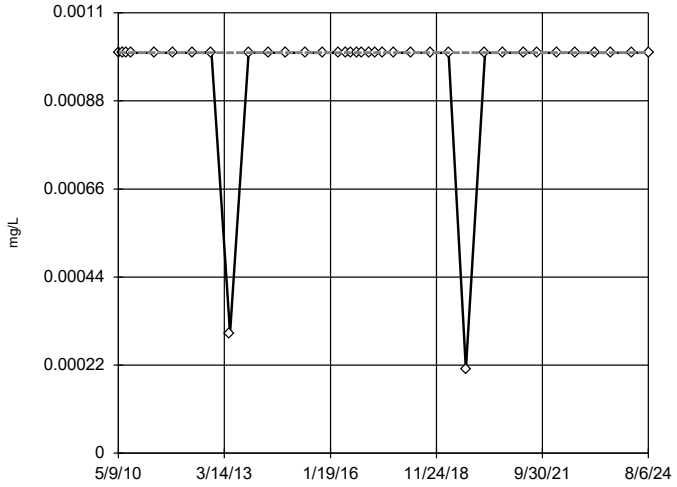
Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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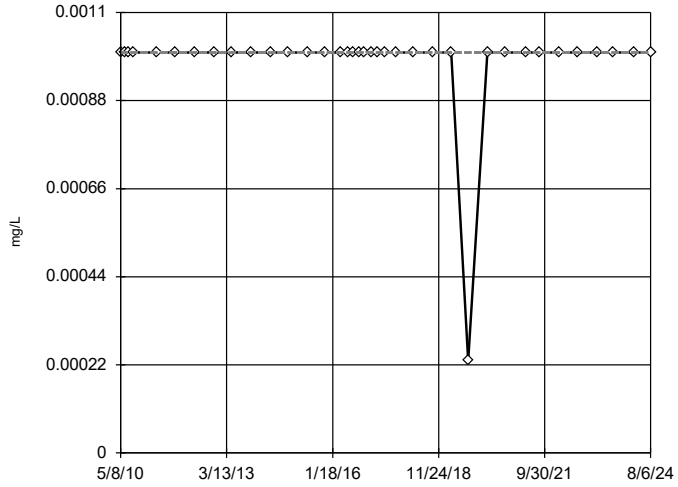
Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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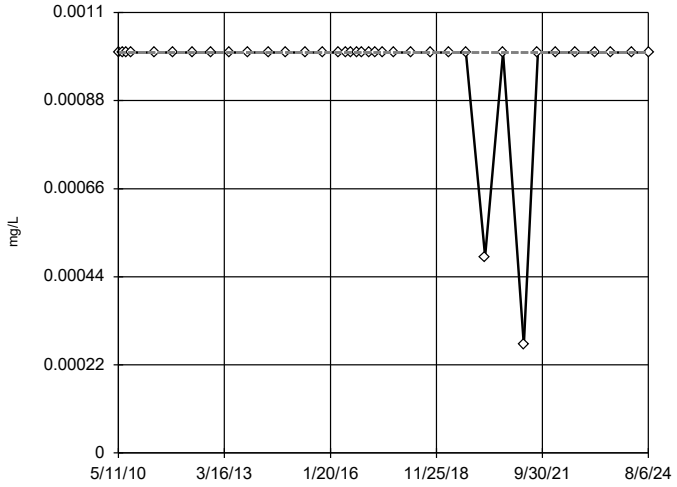
Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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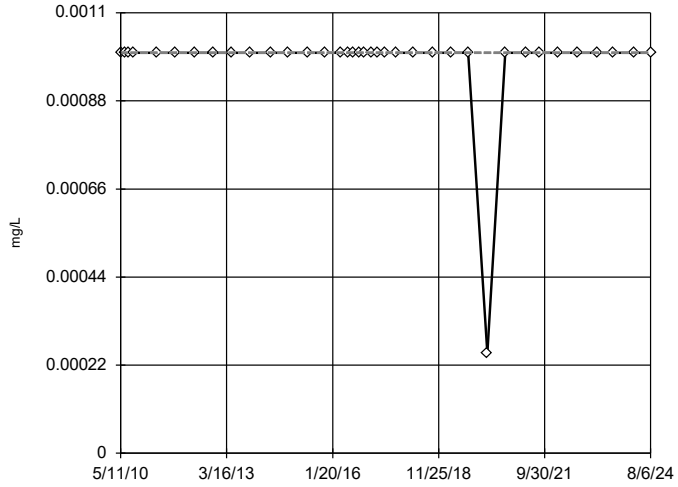
Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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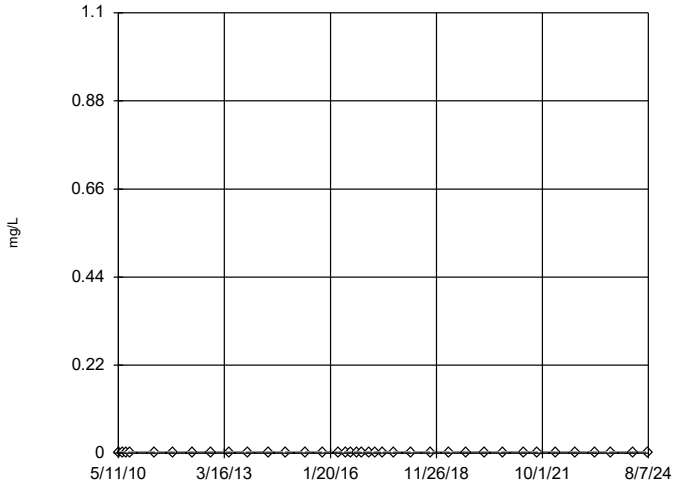
Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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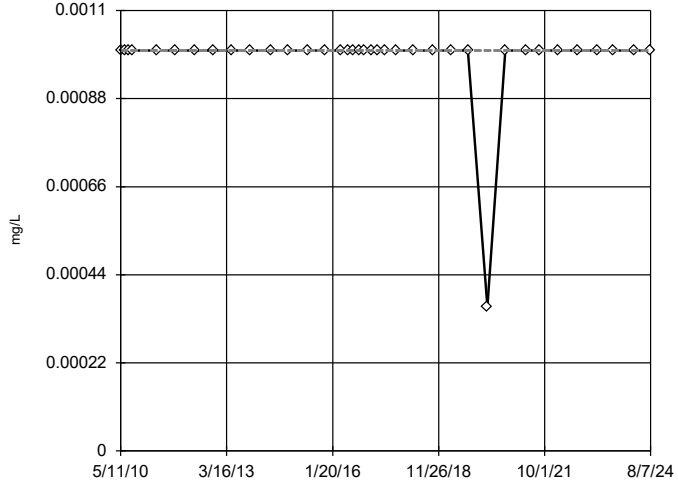
Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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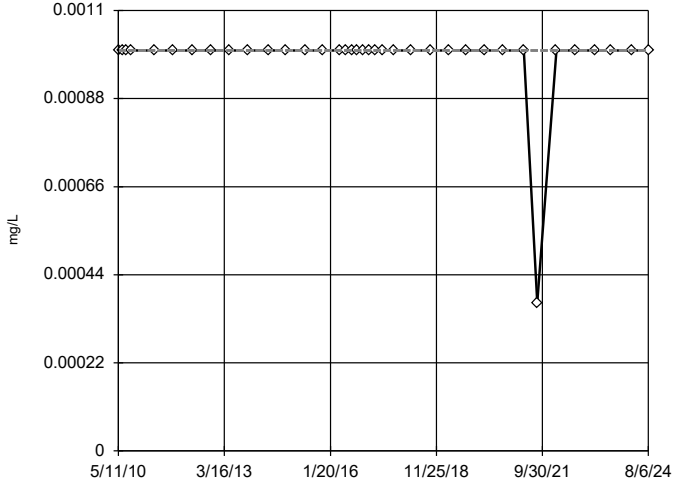
Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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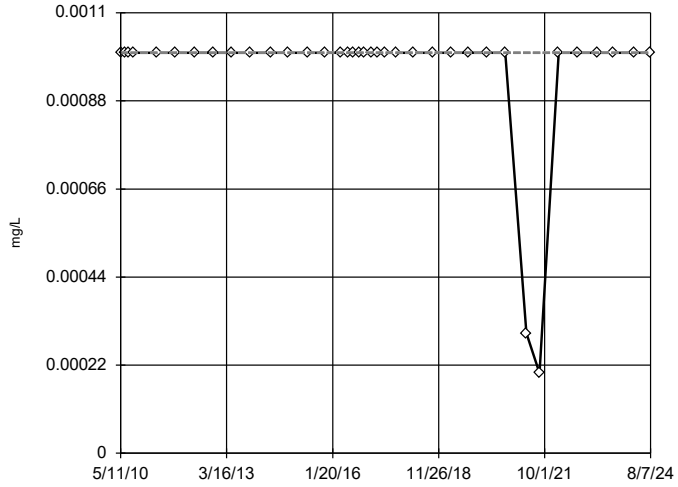
Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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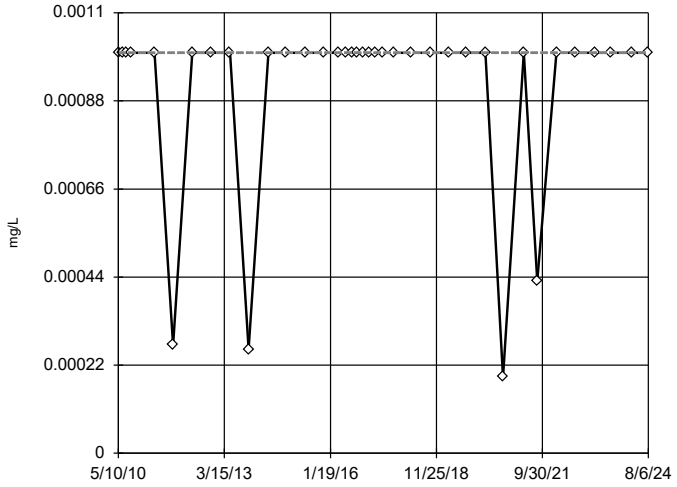
Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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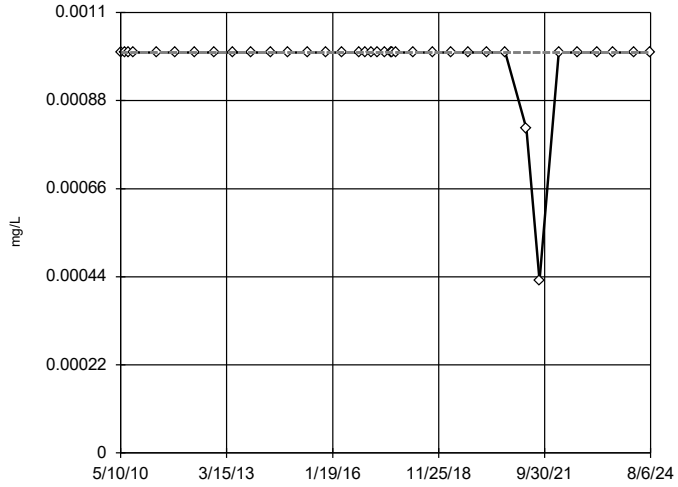
Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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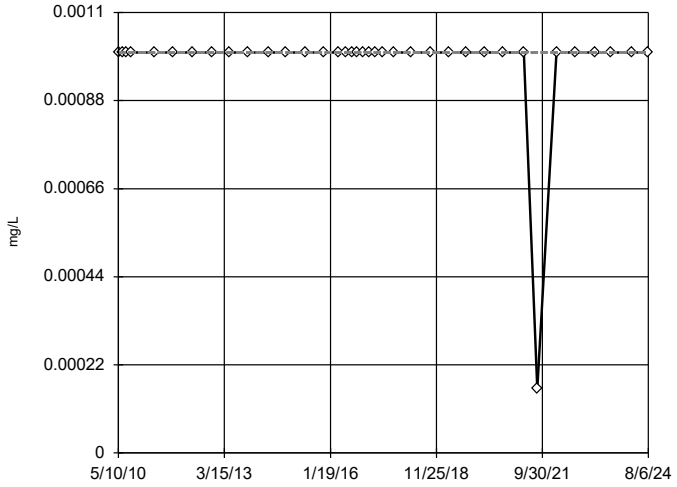
Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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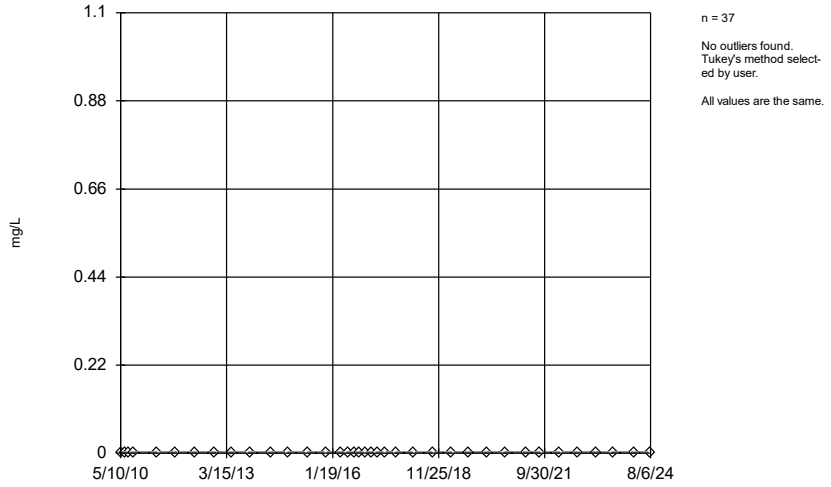
Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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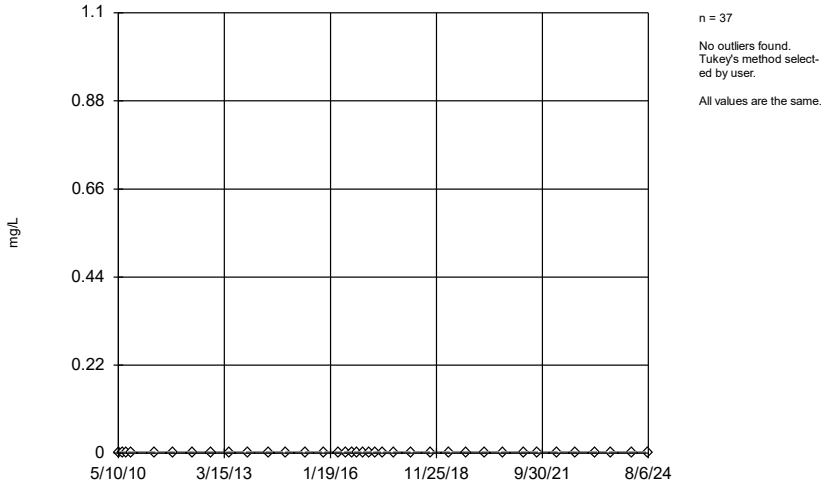
Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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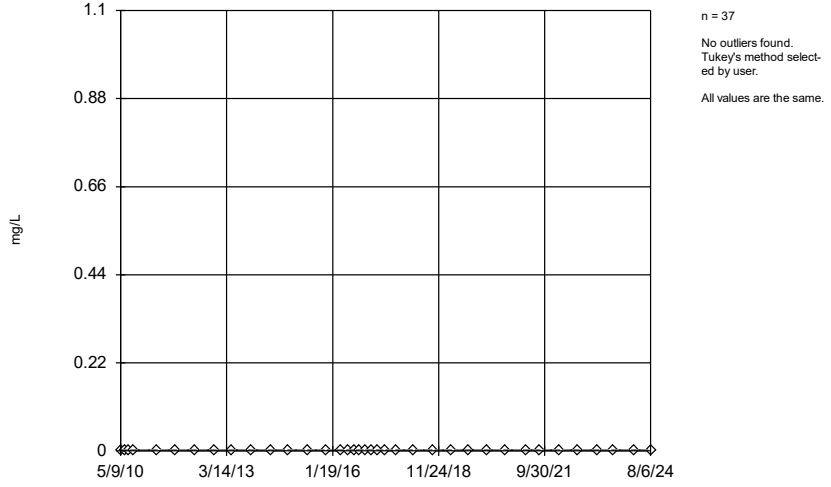
Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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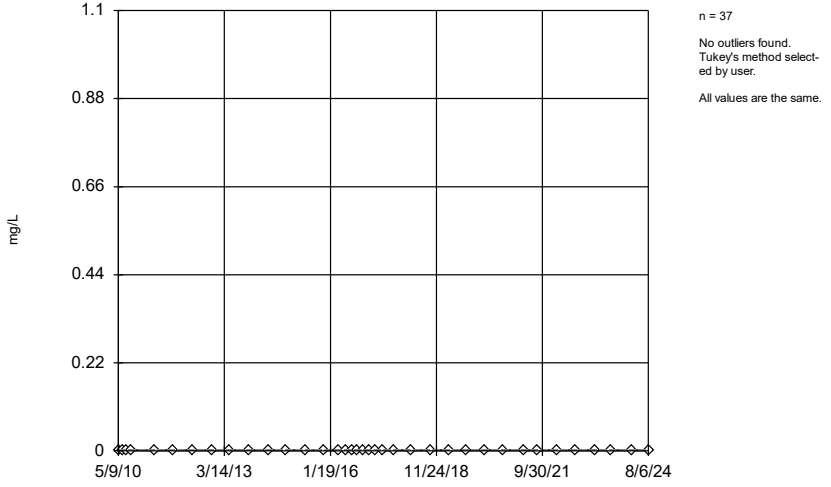
Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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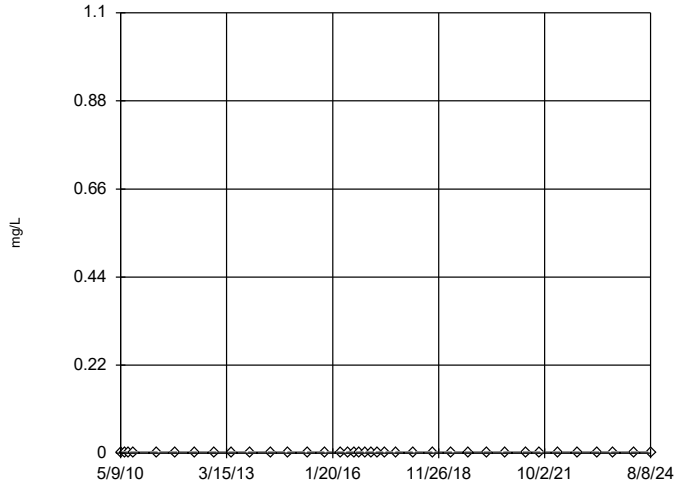
Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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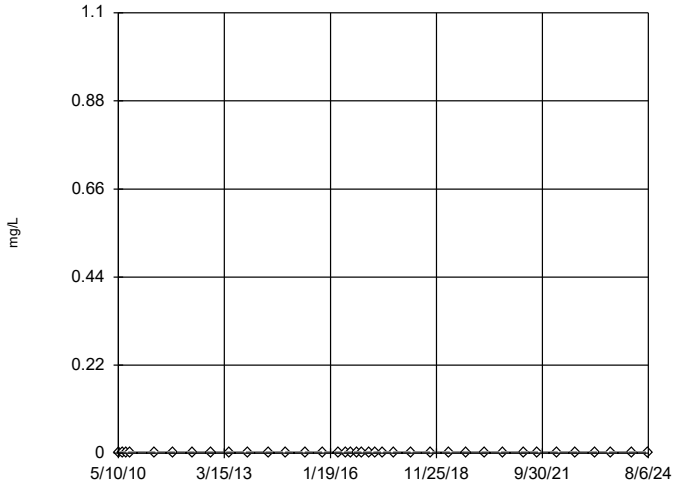
Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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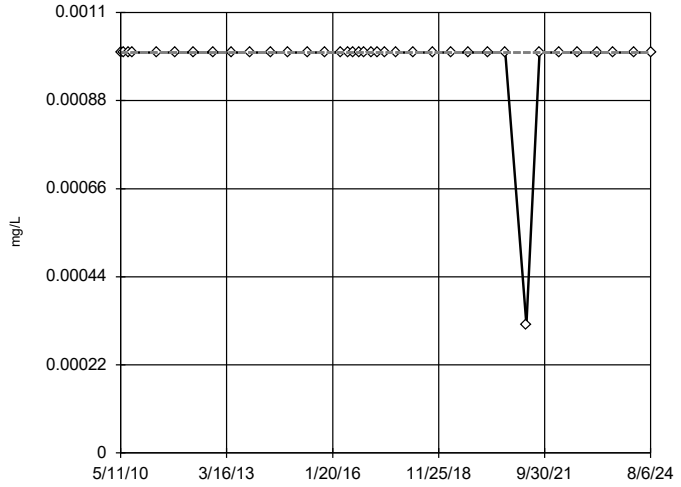
Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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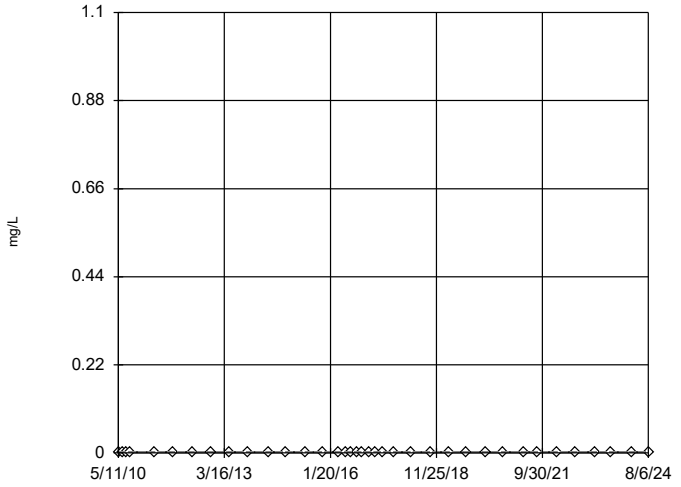
Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

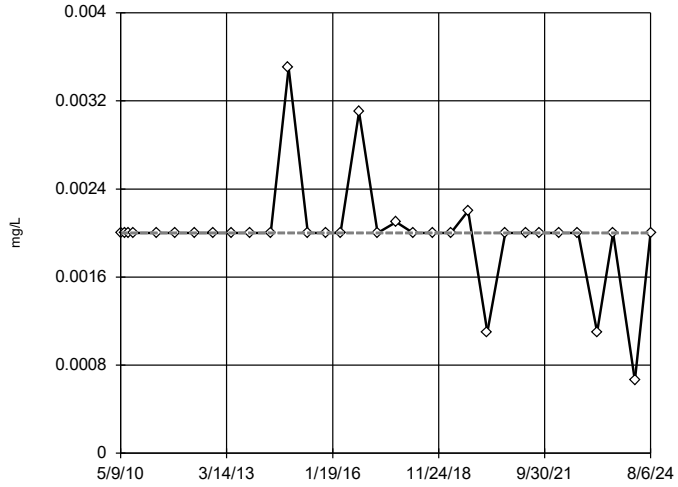
All values are the same.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWA-15 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

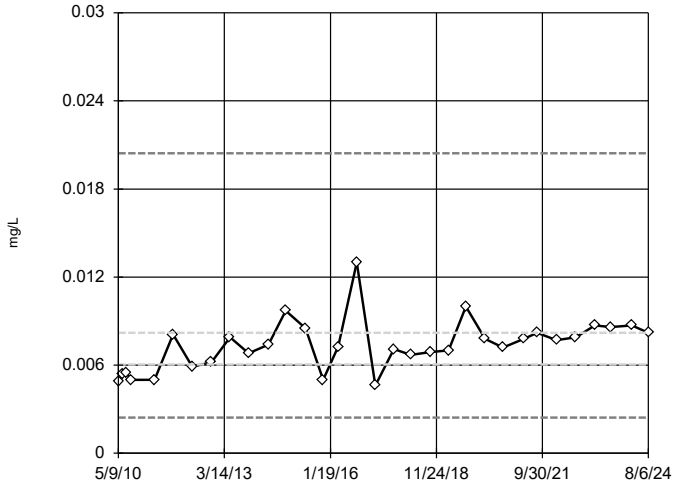
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02044, low cutoff = 0.002427, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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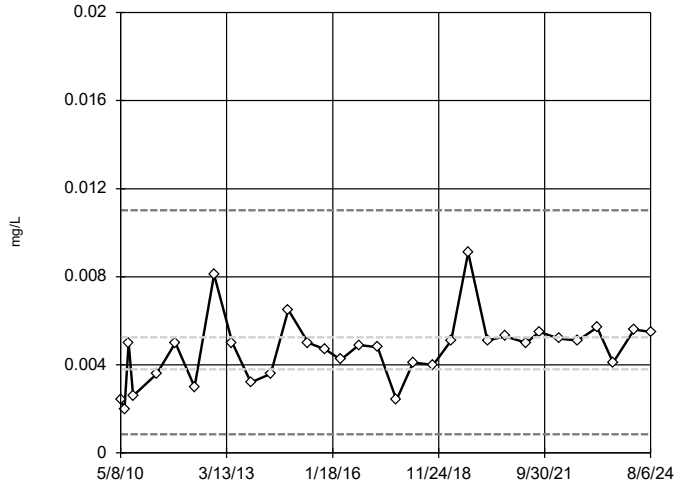
Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01102, low cutoff = 0.0008481, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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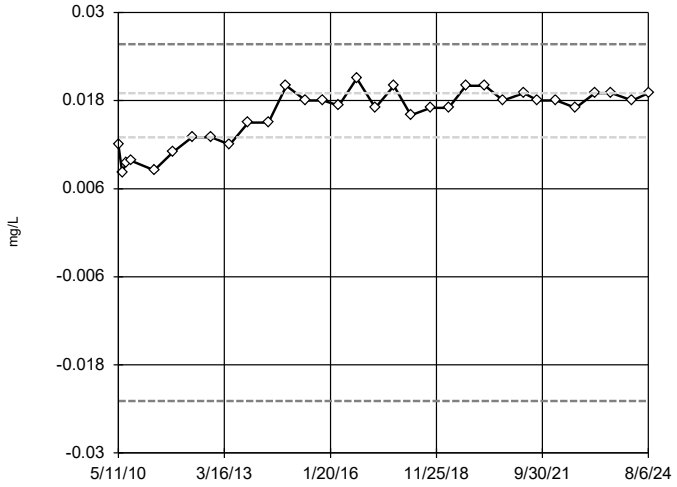
Tukey's Outlier Screening

GWC-1



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02569, low cutoff = -0.02294, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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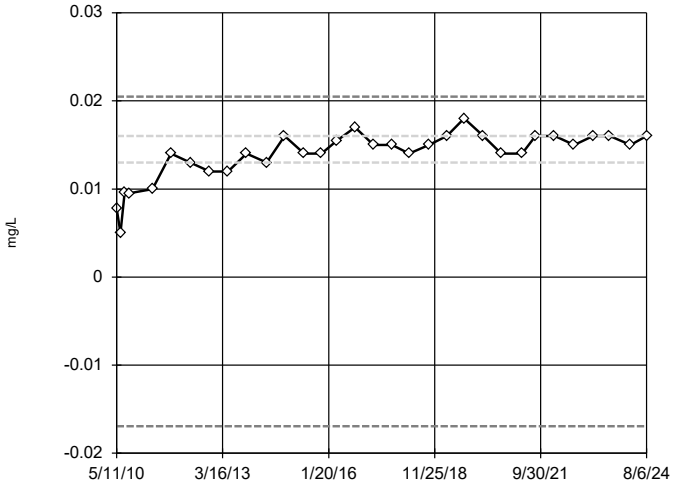
Tukey's Outlier Screening

GWC-2



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0205, low cutoff = -0.01694, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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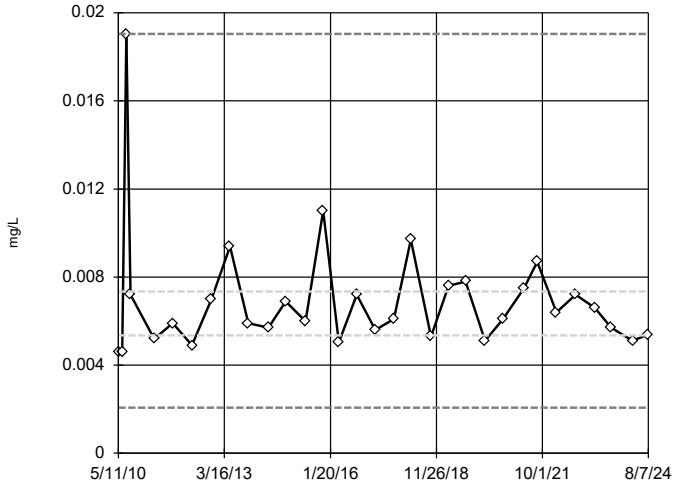
Tukey's Outlier Screening

GWC-3



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01905, low cutoff = 0.002064, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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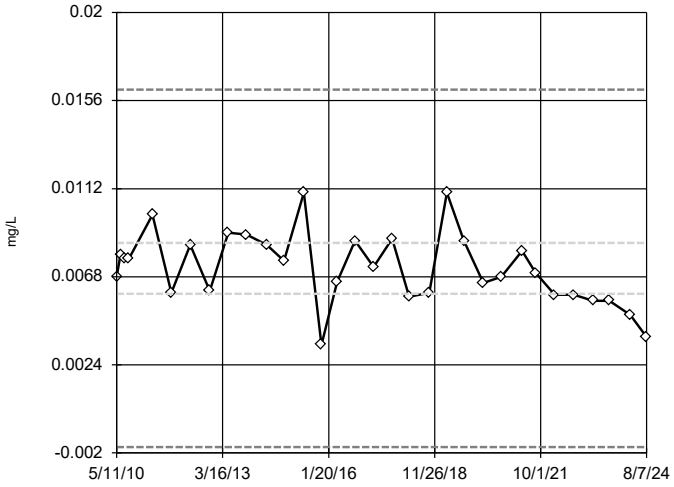
Tukey's Outlier Screening

GWC-4



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.01615, low cutoff = -0.0017, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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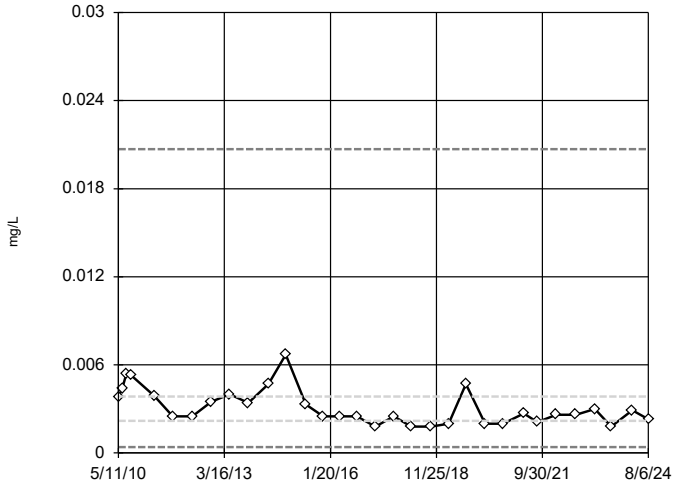
Tukey's Outlier Screening

GWC-5



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02069, low cutoff = 0.0004089, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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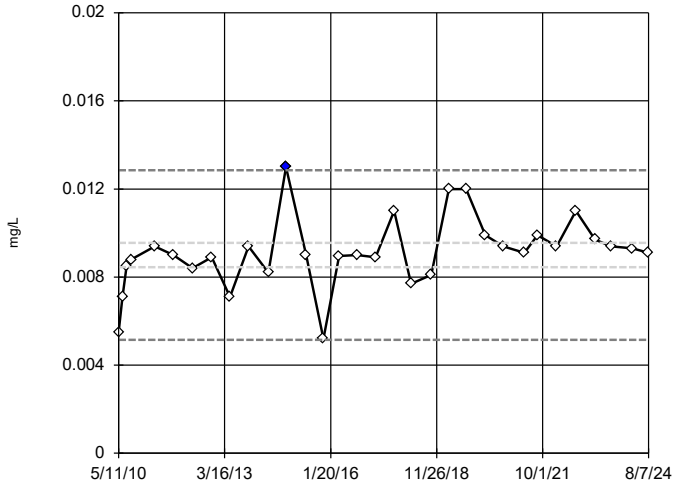
Tukey's Outlier Screening

GWC-6



n = 32

Outlier is drawn as solid. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.01285, low cutoff = 0.00515, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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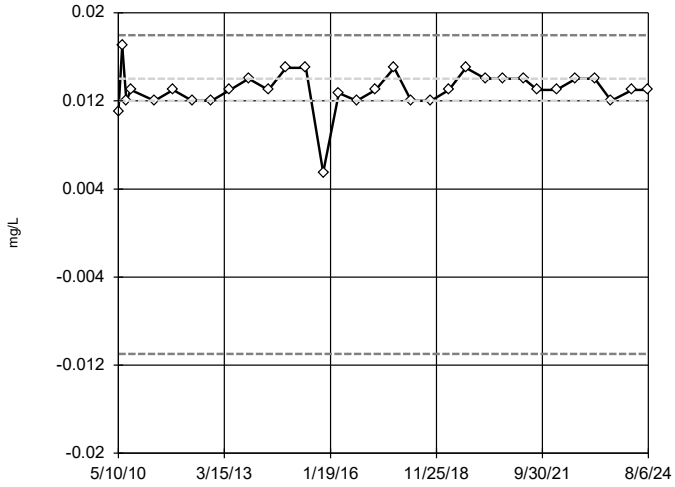
Tukey's Outlier Screening

GWC-7



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01796, low cutoff = -0.01097, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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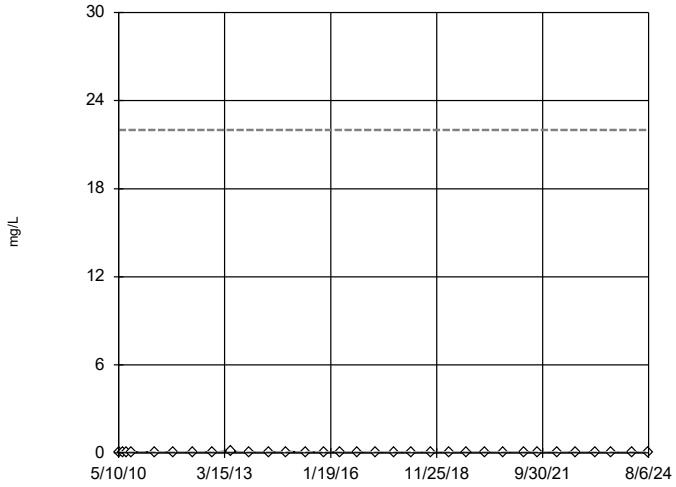
Tukey's Outlier Screening

GWC-8A



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 22.01, low cutoff = 0.000002103, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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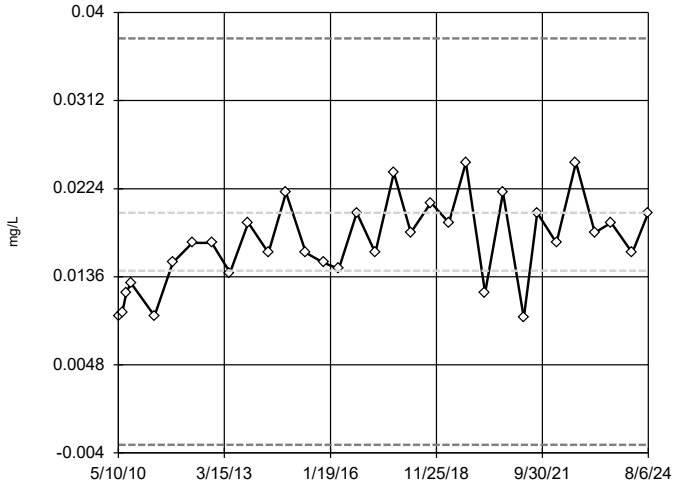
Tukey's Outlier Screening

GWC-9



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0374, low cutoff = -0.0032, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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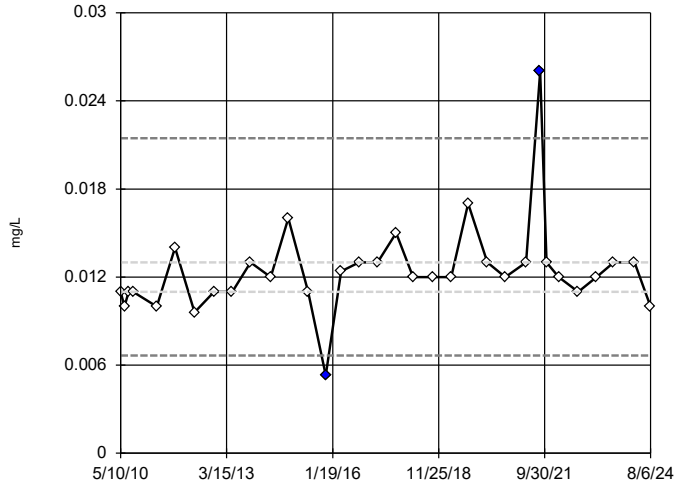
Tukey's Outlier Screening

GWC-10



n = 33

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02146, low cutoff = 0.006664, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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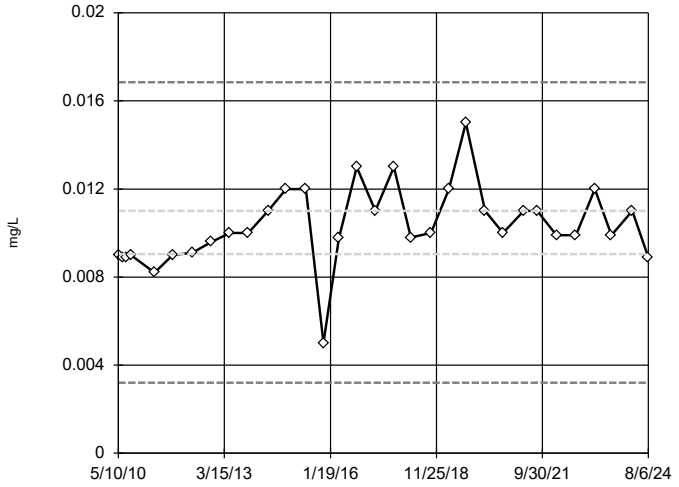
Tukey's Outlier Screening

GWC-11



n = 32

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.01685, low cutoff = 0.0032, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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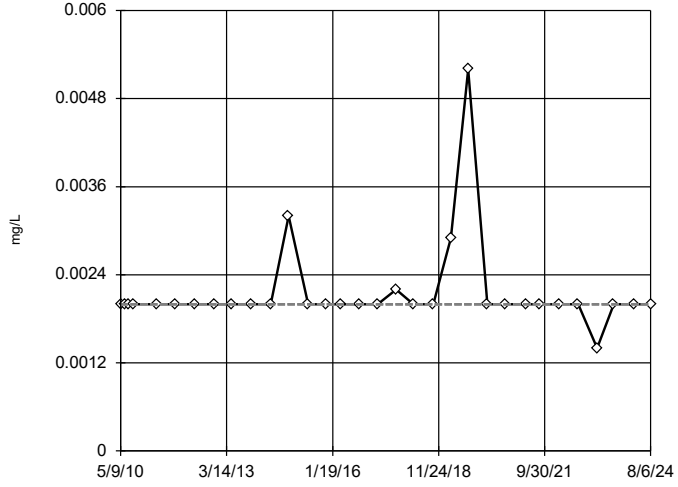
Tukey's Outlier Screening

GWC-12



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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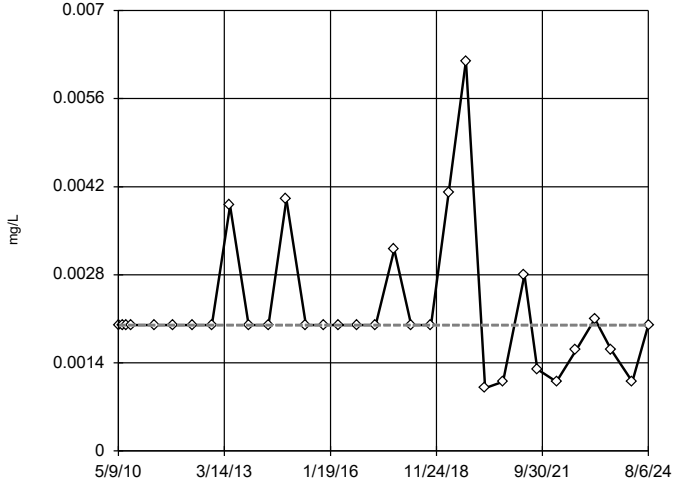
Tukey's Outlier Screening

GWC-13



n = 32

No outliers found.
Tukey's method selected by user.

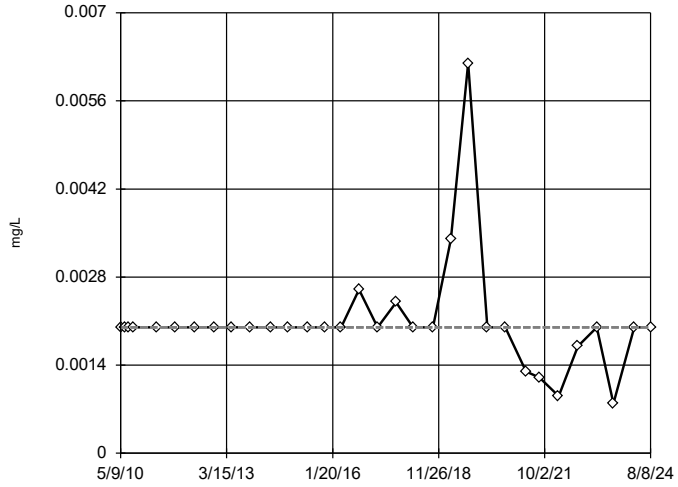
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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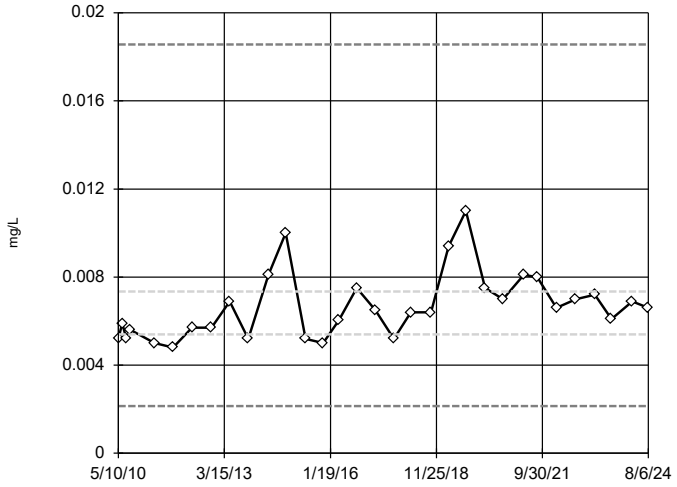
Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01856, low cutoff = 0.002137, based on IQR multiplier of 3.

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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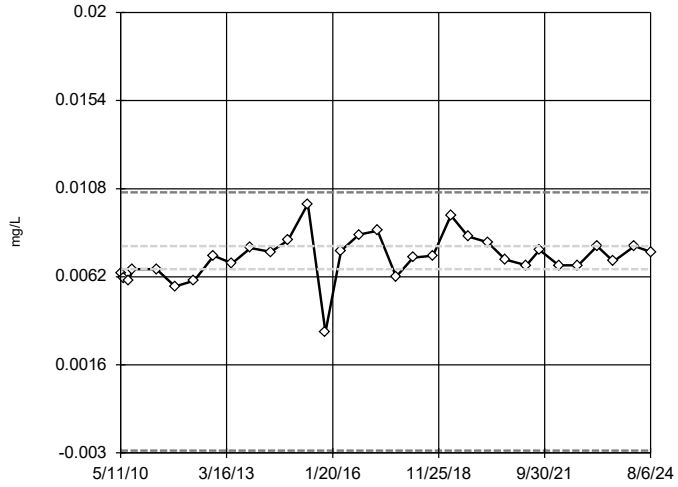
Tukey's Outlier Screening

GWC-19



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01062, low cutoff = -0.002877, based on IQR multiplier of 3.

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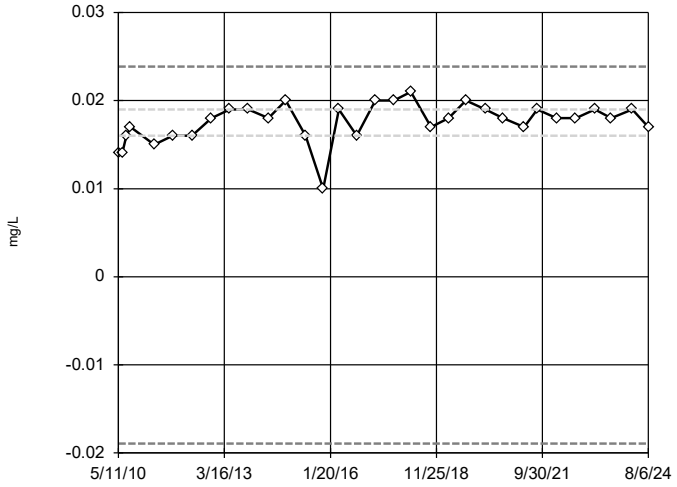
Tukey's Outlier Screening

GWC-20



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02387, low cutoff = -0.01895, based on IQR multiplier of 3.

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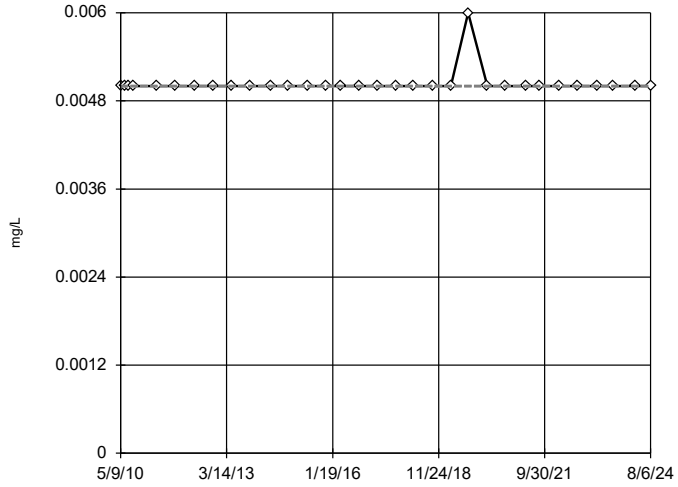
Tukey's Outlier Screening

GWA-15 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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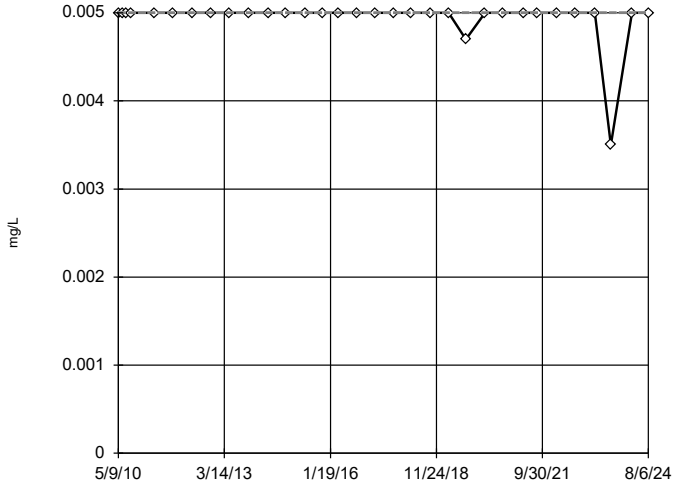
Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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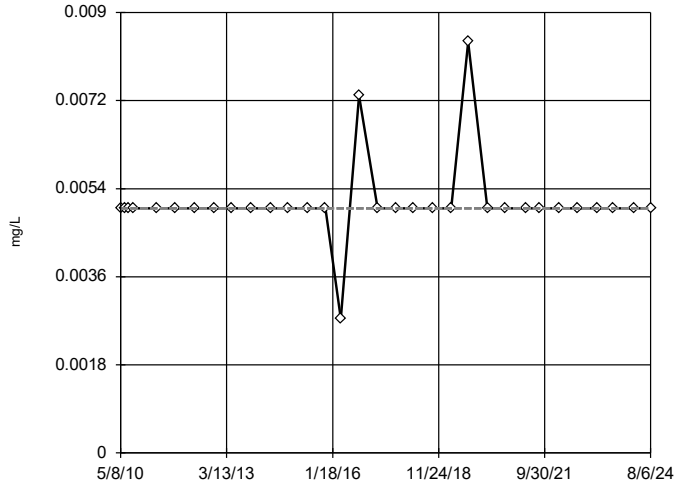
Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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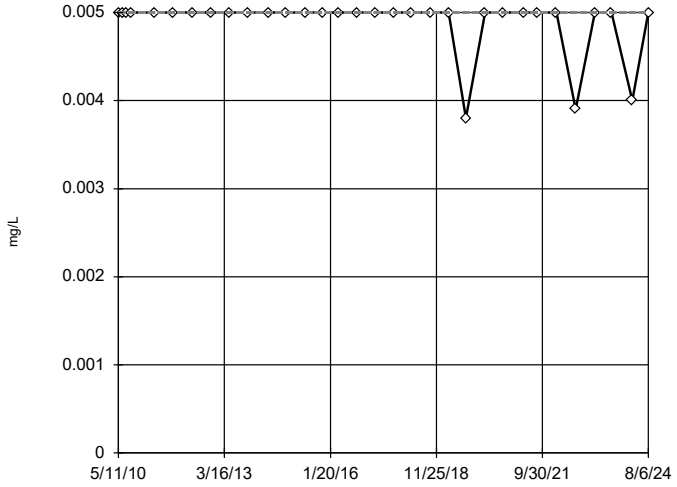
Tukey's Outlier Screening

GWC-1



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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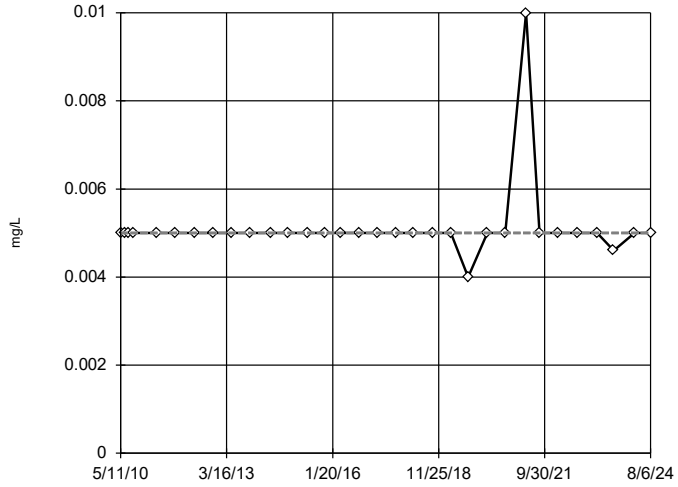
Tukey's Outlier Screening

GWC-2



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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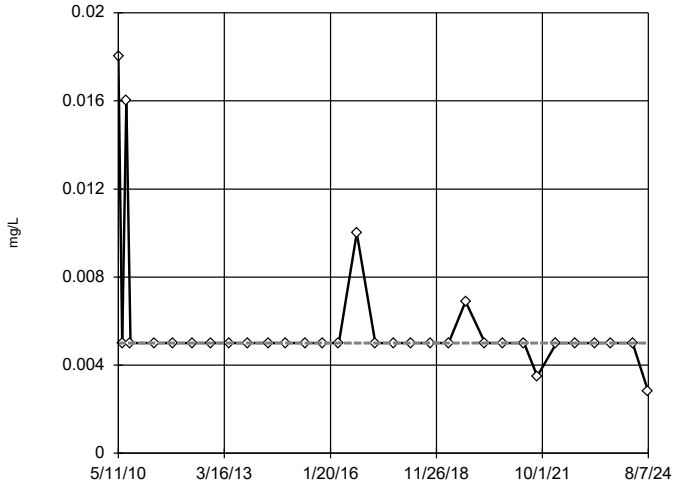
Tukey's Outlier Screening

GWC-3



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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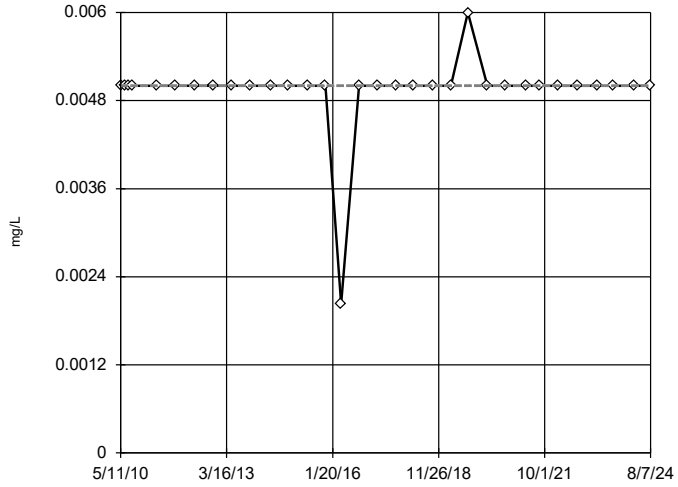
Tukey's Outlier Screening

GWC-4



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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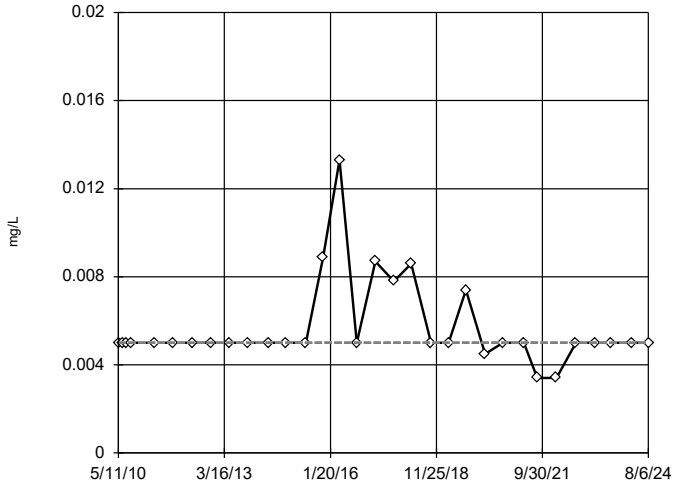
Tukey's Outlier Screening

GWC-5



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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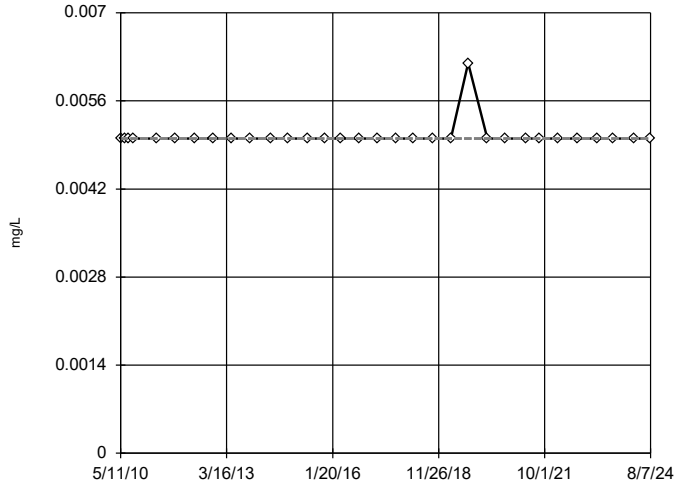
Tukey's Outlier Screening

GWC-6



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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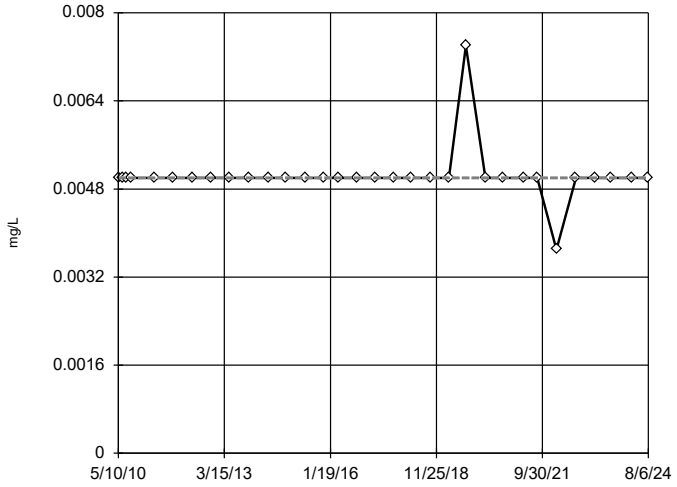
Tukey's Outlier Screening

GWC-7



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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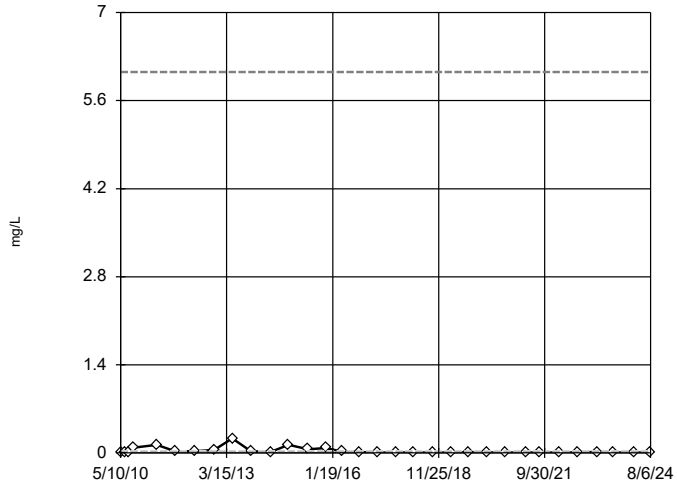
Tukey's Outlier Screening

GWC-8A



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.055, low cutoff = 0.00002436, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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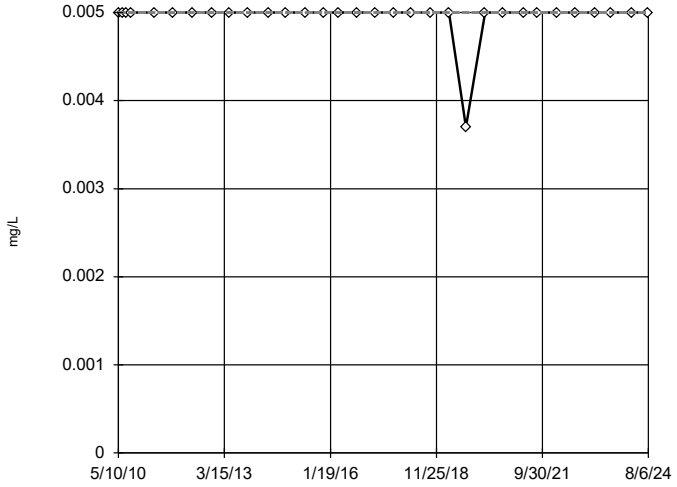
Tukey's Outlier Screening

GWC-9



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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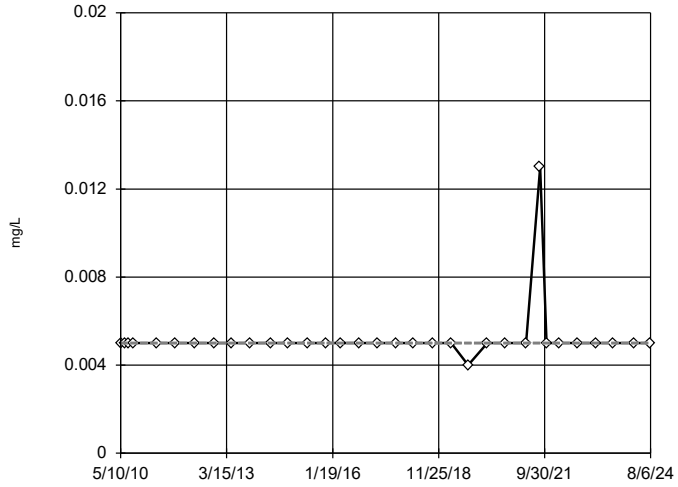
Tukey's Outlier Screening

GWC-10



n = 33

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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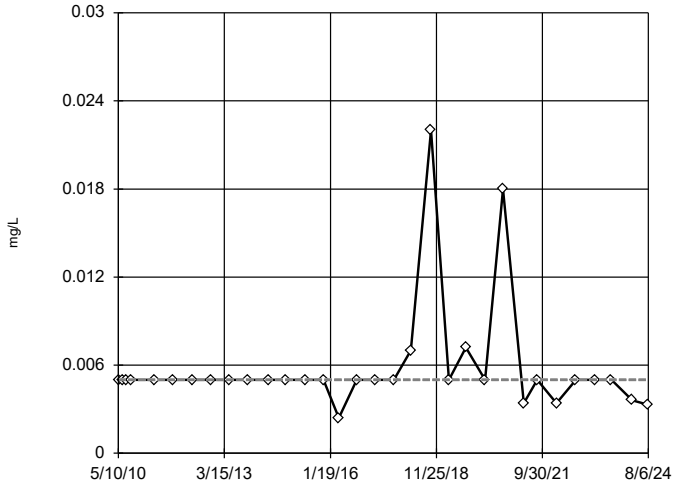
Tukey's Outlier Screening

GWC-11



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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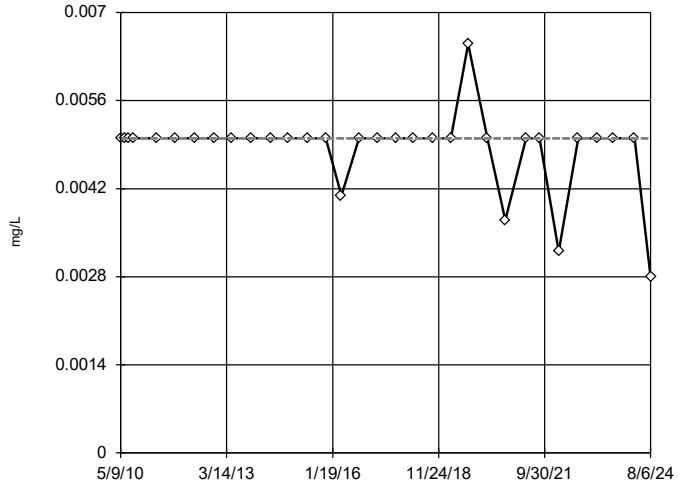
Tukey's Outlier Screening

GWC-12



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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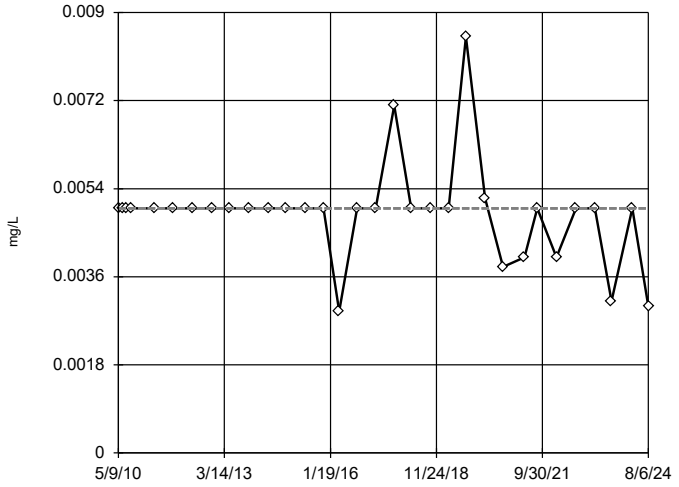
Tukey's Outlier Screening

GWC-13



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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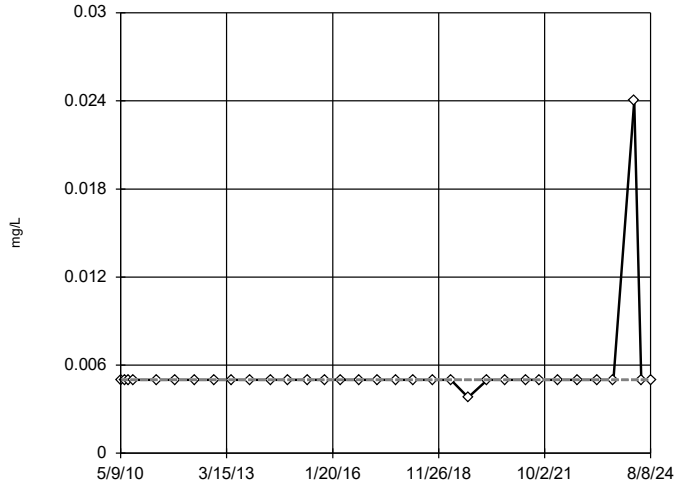
Tukey's Outlier Screening

GWC-14



n = 33

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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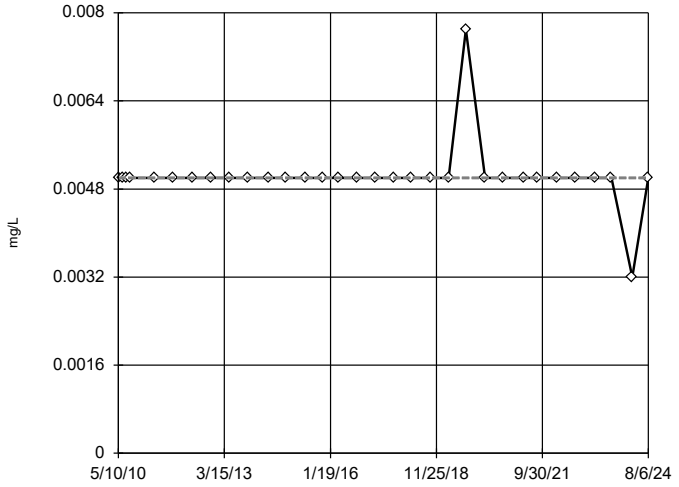
Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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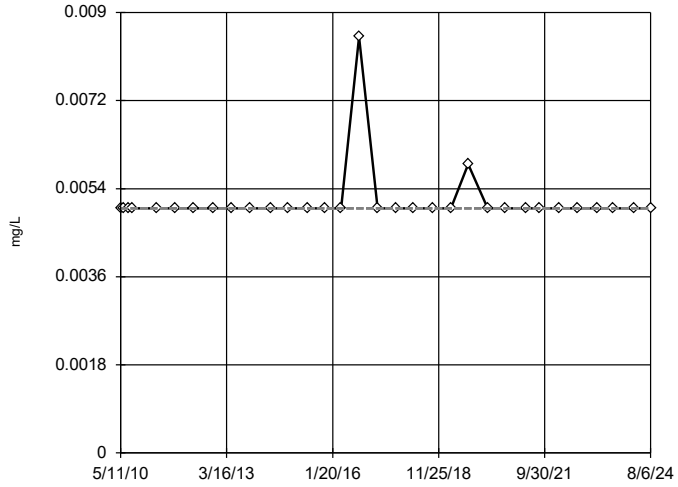
Tukey's Outlier Screening

GWC-19



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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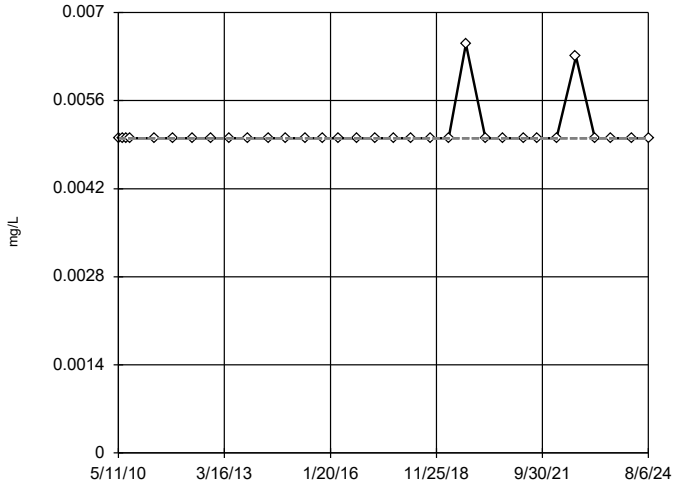
Tukey's Outlier Screening

GWC-20



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

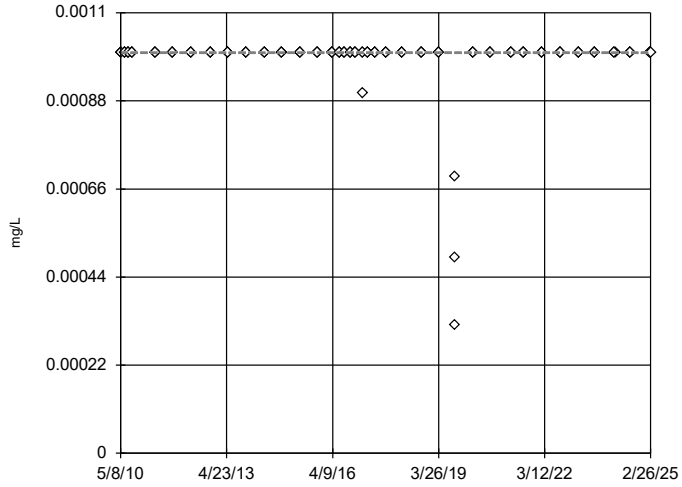
Tukey's Outlier Test - Upgradient Wells - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 11:04 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Arsenic (mg/L)	GWA-15,GWA-16,GWA-17	n/a	n/a	NP	NaN	114	0.000986	0.00008446	unknown	ChiSquared
Sulfate (mg/L)	GWA-15,GWA-16,GWA-17	n/a	n/a	NP	NaN	72	1.162	0.6576	unknown	ShapiroFrancia

Tukey's Outlier Screening, Pooled Background

GWA-15,GWA-16,GWA-17



n = 114

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/16/2025 11:03 AM View: Outlier Analysis - Upgradient

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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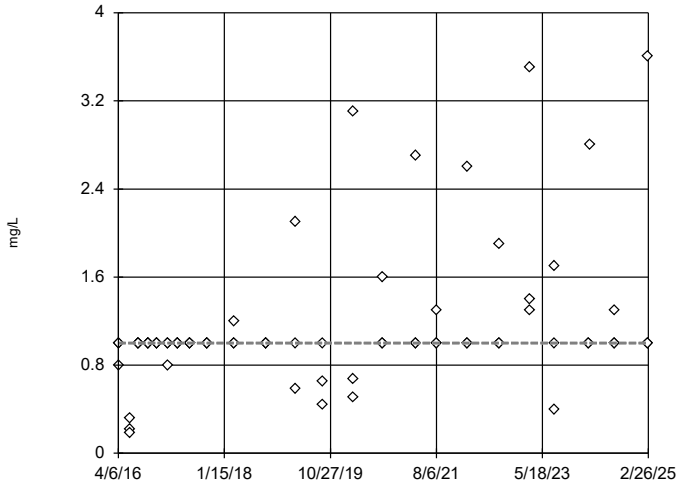
Tukey's Outlier Screening, Pooled Background

GWA-15,GWA-16,GWA-17



n = 72

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Sulfate Analysis Run 4/16/2025 11:03 AM View: Outlier Analysis - Upgradient

Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE D.

Welch's t-test/Mann-Whitney - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Barium (mg/L)	**GWC-4**	**4.387**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-10**	**4.766**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-12**	**2.996**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-13**	**4.265**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-14**	**3.016**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-19**	**4.689**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-20**	**2.816**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	**GWC-5**	**-2.593**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-16 (bg)**	**2.765**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-17 (bg)**	**2.884**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-4**	**3.378**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-5**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-7**	**3.068**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-8A**	**3.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-9**	**2.943**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-14**	**2.886**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-19**	**4.093**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-20**	**3.108**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-4**	**3.599**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-5**	**-2.704**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-7**	**3.073**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-14**	**2.731**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-19**	**2.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-20**	**2.916**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-16 (bg)**	**2.962**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-19**	**3.013**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-3**	**-2.964**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-6**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-8A**	**2.758**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-9**	**-3.053**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-13**	**-2.717**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	**GWA-17 (bg)**	**2.594**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	**GWC-4**	**-3.9**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	**GWC-5**	**-2.802**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-3**	**3.327**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-4**	**3.749**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-5**	**-2.87**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-7**	**2.987**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-9**	**2.776**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-10**	**4.242**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-4**	**3.361**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-5**	**-2.902**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	**GWC-4**	**-2.994**	**Yes**	**0.01**	**Yes**	**Mann-W**

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-16 (bg)	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-2	0.4368	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-3	-1.809	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-7	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-13	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-18	0.4368	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Barium (mg/L)	GWA-15 (bg)	0.7705	No	0.01	No	Mann-W
Barium (mg/L)	GWA-16 (bg)	1.779	No	0.01	No	Mann-W
Barium (mg/L)	GWA-17 (bg)	-0.6634	No	0.01	No	Mann-W
Barium (mg/L)	GWC-1	1.623	No	0.01	No	Mann-W
Barium (mg/L)	GWC-2	1.395	No	0.01	No	Mann-W
Barium (mg/L)	GWC-3	-0.3653	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-4**	**4.387**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-5	0	No	0.01	No	Mann-W
Barium (mg/L)	GWC-6	-1.251	No	0.01	No	Mann-W
Barium (mg/L)	GWC-7	2.259	No	0.01	No	Mann-W
Barium (mg/L)	GWC-8A	0.5383	No	0.01	No	Mann-W
Barium (mg/L)	GWC-9	1.842	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-10**	**4.766**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-11	2.542	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-12**	**2.996**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-13**	**4.265**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-14**	**3.016**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-18	1.359	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-19**	**4.689**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-20**	**2.816**	**Yes**	**0.01**	**Yes**	**Mann-W**
Beryllium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-3	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-6	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-7	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-8A	0.2611	No	0.01	No	Mann-W
Boron (mg/L)	GWA-15 (bg)	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWA-17 (bg)	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-1	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-2	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWC-3	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-4	0.2473	No	0.01	No	Mann-W
Boron (mg/L)	**GWC-5**	**-2.593**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	GWC-6	1.608	No	0.01	No	Mann-W
Boron (mg/L)	GWC-7	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-8A	-1.017	No	0.01	No	Mann-W
Boron (mg/L)	GWC-9	0.2437	No	0.01	No	Mann-W
Boron (mg/L)	GWC-10	-0.3369	No	0.01	No	Mann-W
Boron (mg/L)	GWC-11	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-12	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWC-13	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-14	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-18	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-19	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-20	-1.28	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-2	0.2611	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-8A	1.053	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-11	0.2611	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-15 (bg)	0.2453	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Calcium (mg/L)	**GWA-16 (bg)**	**2.765**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-17 (bg)**	**2.884**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-1	1.827	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-2	2.056	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-3	0.203	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-4**	**3.378**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-5**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-6	-1.162	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-7**	**3.068**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-8A**	**3.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-9**	**2.943**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-10	2.013	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-11	2.028	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-12	1.359	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-13	2.564	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-14**	**2.886**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-18	1.833	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-19**	**4.093**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-20**	**3.108**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWA-15 (bg)	1.305	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-16 (bg)	0.1264	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-17 (bg)	-1.825	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-1	-1.102	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-2	0.8641	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-3	-1.143	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-4**	**3.599**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-5**	**-2.704**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-6	-0.7711	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-7**	**3.073**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-8A	0.7721	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-9	2.566	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-10	2.321	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-11	1.001	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-12	2.024	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-13	-0.3784	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-14**	**2.731**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-18	2.009	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-19**	**2.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-20**	**2.916**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-15 (bg)	-0.2583	No	0.01	No	Mann-W
Chromium (mg/L)	**GWA-16 (bg)**	**2.962**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-17 (bg)	2.472	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-1	2.369	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-2	2.505	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-3	2.495	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-4	-2.521	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-5	2.496	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-6	0.4652	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-7	1.969	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-8A	-2.231	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-9	1.811	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-10	2.432	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-11	0.441	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-12	0.5036	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-13	1.512	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-14	-0.2057	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-18	-1.737	No	0.01	No	Mann-W
Chromium (mg/L)	**GWC-19**	**3.013**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWC-20	0.5387	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-15 (bg)	0.8363	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Cobalt (mg/L)	GWA-16 (bg)	0.6918	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-17 (bg)	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-1	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-2	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-3	0	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-4	0.8763	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-6	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-7	0.7818	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-8A	1.843	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-9	0.7818	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-10	-0.4287	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-11	0.2611	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-12	-1.982	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-18	0.7952	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-19	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-20	0.7818	No	0.01	No	Mann-W
Copper (mg/L)	GWA-16 (bg)	0.4752	No	0.01	No	Mann-W
Copper (mg/L)	GWA-17 (bg)	0.2835	No	0.01	No	Mann-W
Copper (mg/L)	GWC-1	0.4752	No	0.01	No	Mann-W
Copper (mg/L)	GWC-2	0.6196	No	0.01	No	Mann-W
Copper (mg/L)	GWC-3	0.4042	No	0.01	No	Mann-W
Copper (mg/L)	GWC-4	-0.5342	No	0.01	No	Mann-W
Copper (mg/L)	GWC-6	-0.4462	No	0.01	No	Mann-W
Copper (mg/L)	GWC-7	-0.5231	No	0.01	No	Mann-W
Copper (mg/L)	GWC-8A	-1.935	No	0.01	No	Mann-W
Copper (mg/L)	GWC-9	-1.586	No	0.01	No	Mann-W
Copper (mg/L)	GWC-10	-0.4642	No	0.01	No	Mann-W
Copper (mg/L)	GWC-11	-0.06788	No	0.01	No	Mann-W
Copper (mg/L)	GWC-13	-0.4725	No	0.01	No	Mann-W
Copper (mg/L)	GWC-14	-0.4725	No	0.01	No	Mann-W
Copper (mg/L)	GWC-18	-1.127	No	0.01	No	Mann-W
Copper (mg/L)	GWC-20	-0.4811	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-15 (bg)	0.3372	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-16 (bg)	0.7444	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-17 (bg)	0.4816	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-1	0.07464	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-2	1.548	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-3	1.058	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-4	-2.082	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-5	0.621	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-6	1.677	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-7	0.7303	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-8A	-2.152	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-9	0.7114	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-10	0.2963	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-11	0.788	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-12	-0.1991	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-13	0.8519	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-14	-0.1992	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-18	0.9407	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-19	0.9404	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-20	0.9676	No	0.01	No	Mann-W
Lead (mg/L)	GWA-16 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-17 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-1	-0.8311	No	0.01	No	Mann-W
Lead (mg/L)	GWC-2	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-3	0.5805	No	0.01	No	Mann-W
Lead (mg/L)	GWC-4	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-7	0.5805	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Lead (mg/L)	GWC-8A	-1.043	No	0.01	No	Mann-W
Lead (mg/L)	GWC-10	0.3354	No	0.01	No	Mann-W
Lead (mg/L)	GWC-11	1.108	No	0.01	No	Mann-W
Lead (mg/L)	GWC-13	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-19	0.2078	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-15 (bg)	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-16 (bg)	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-17 (bg)	0.8764	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-1	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-2	0.6806	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-3	0.6806	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-4	0.5683	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-5	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-6	0.7819	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-7	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-8A	0.8764	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-9	0.4368	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-10	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-11	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-13	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-14	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-18	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-19	0.4526	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-20	0.8763	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-15 (bg)	-1.648	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-17 (bg)	0.347	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-1	-1.253	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-2	-0.3378	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-3**	**-2.964**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-4	-2.307	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-5	-1.309	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-6**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-7	0.1352	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-8A**	**2.758**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-9**	**-3.053**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-10	2.195	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-11	-2.32	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-12	-2.119	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-13**	**-2.717**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-18	0.6316	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-19	-1.433	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-20	-1.137	No	0.01	No	Mann-W
pH, Field (SU)	GWA-15 (bg)	-0.9291	No	0.01	No	Mann-W
pH, Field (SU)	GWA-16 (bg)	0.2693	No	0.01	No	Mann-W
pH, Field (SU)	**GWA-17 (bg)**	**2.594**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	GWC-1	2.231	No	0.01	No	Mann-W
pH, Field (SU)	GWC-2	1.045	No	0.01	No	Mann-W
pH, Field (SU)	GWC-3	1.411	No	0.01	No	Mann-W
pH, Field (SU)	GWC-4	-2.354	No	0.01	No	Mann-W
pH, Field (SU)	GWC-5	2.142	No	0.01	No	Mann-W
pH, Field (SU)	GWC-6	1.29	No	0.01	No	Mann-W
pH, Field (SU)	GWC-7	1.593	No	0.01	No	Mann-W
pH, Field (SU)	GWC-8A	-1.525	No	0.01	No	Mann-W
pH, Field (SU)	GWC-9	0.1472	No	0.01	No	Mann-W
pH, Field (SU)	GWC-10	-0.4499	No	0.01	No	Mann-W
pH, Field (SU)	GWC-11	1.151	No	0.01	No	Mann-W
pH, Field (SU)	GWC-12	1.001	No	0.01	No	Mann-W
pH, Field (SU)	GWC-13	2.073	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
pH, Field (SU)	GWC-14	-0.562	No	0.01	No	Mann-W
pH, Field (SU)	GWC-18	1.191	No	0.01	No	Mann-W
pH, Field (SU)	GWC-19	-1.763	No	0.01	No	Mann-W
pH, Field (SU)	GWC-20	0.4987	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-15 (bg)	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-16 (bg)	0.5682	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-17 (bg)	0.4368	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-1	0.155	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-2	-0.5715	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-3	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	**GWC-4**	**-3.9**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	**GWC-5**	**-2.802**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	GWC-6	0.781	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-7	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-8A	0.6804	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-9	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-10	0.4368	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-11	0.155	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-14	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-18	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-15 (bg)	2.057	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-16 (bg)	0.3068	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-17 (bg)	1.685	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-1	0.08365	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-2	-0.04234	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-3**	**3.327**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-4**	**3.749**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-5**	**-2.87**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-6	1.578	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-7**	**2.987**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-8A	-2.192	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-9**	**2.776**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-10**	**4.242**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-11	-0.6926	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-12	1.312	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-13	2.099	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-14	1.685	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-18	2.362	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-19	0.843	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-20	0.2625	No	0.01	No	Mann-W
TDS (mg/L)	GWA-15 (bg)	1.097	No	0.01	No	Mann-W
TDS (mg/L)	GWA-16 (bg)	1.155	No	0.01	No	Mann-W
TDS (mg/L)	GWA-17 (bg)	1.624	No	0.01	No	Mann-W
TDS (mg/L)	GWC-1	1.856	No	0.01	No	Mann-W
TDS (mg/L)	GWC-2	0.9921	No	0.01	No	Mann-W
TDS (mg/L)	GWC-3	1.3	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-4**	**3.361**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-5**	**-2.902**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-6	-0.1237	No	0.01	No	Mann-W
TDS (mg/L)	GWC-7	1.523	No	0.01	No	Mann-W
TDS (mg/L)	GWC-8A	1.237	No	0.01	No	Mann-W
TDS (mg/L)	GWC-9	1.799	No	0.01	No	Mann-W
TDS (mg/L)	GWC-10	1.168	No	0.01	No	Mann-W
TDS (mg/L)	GWC-11	0.9856	No	0.01	No	Mann-W
TDS (mg/L)	GWC-12	1.914	No	0.01	No	Mann-W
TDS (mg/L)	GWC-13	1.748	No	0.01	No	Mann-W
TDS (mg/L)	GWC-14	1.218	No	0.01	No	Mann-W
TDS (mg/L)	GWC-18	1.868	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
TDS (mg/L)	GWC-19	2.427	No	0.01	No	Mann-W
TDS (mg/L)	GWC-20	2.086	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-15 (bg)	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-16 (bg)	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-1	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-2	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-6	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-7	0.6804	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-8A	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-9	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-15 (bg)	-2.442	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-16 (bg)	2.394	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-17 (bg)	1.57	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-1	1.749	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-2	1.851	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-3	-1.15	No	0.01	No	Mann-W
Vanadium (mg/L)	**GWC-4**	**-2.994**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	GWC-5	-0.916	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-6	0.9713	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-7	-0.1465	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-8A	-2.478	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-9	0.7712	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-10	0.02805	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-11	0.08601	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-12	-1.848	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-13	-0.9116	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-14	-1.699	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-18	0.5998	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-19	0.9124	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-20	0.578	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-15 (bg)	-0.4725	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-16 (bg)	-1.765	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-17 (bg)	-0.2816	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-1	-1.07	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-2	-1.521	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-3	-1.555	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-4	-0.06788	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-5	-0.3447	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-6	-0.4725	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-7	-0.06788	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-8A	-1.124	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-9	0.2835	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-10	-0.06667	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-11	-1.8	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-12	-1.088	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-13	-1.832	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-14	1.881	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-18	-2.172	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-19	-0.4811	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-20	-0.611	No	0.01	No	Mann-W

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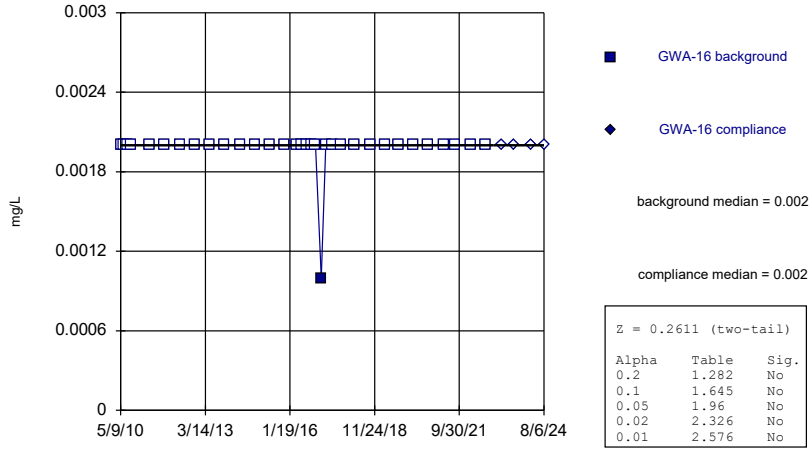
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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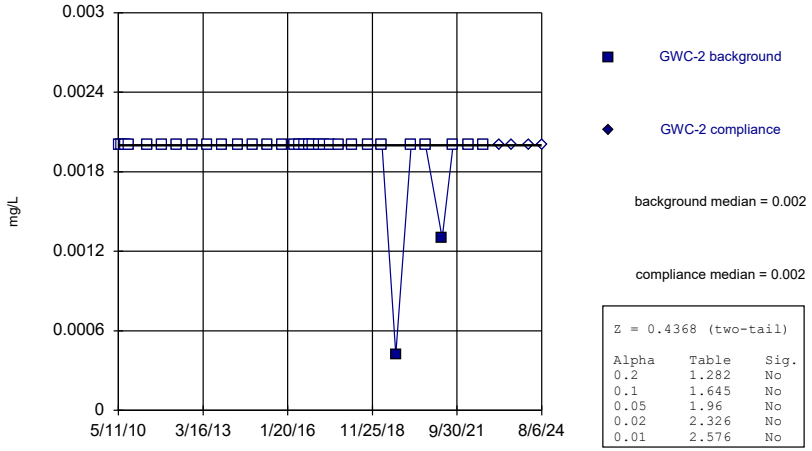
Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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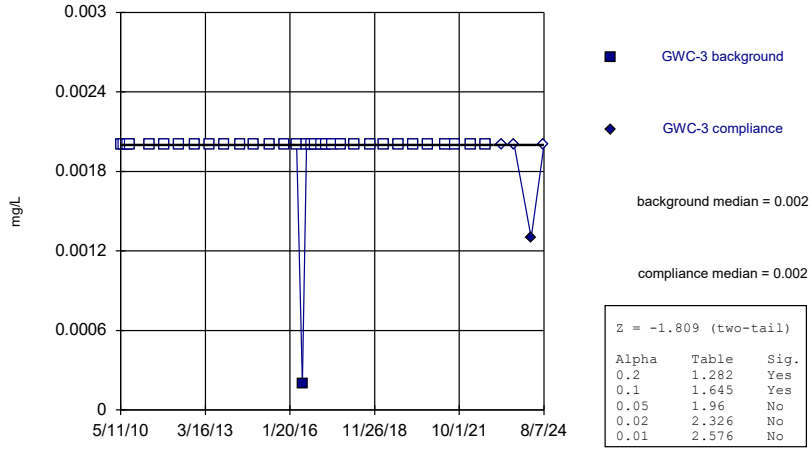
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = -1.809 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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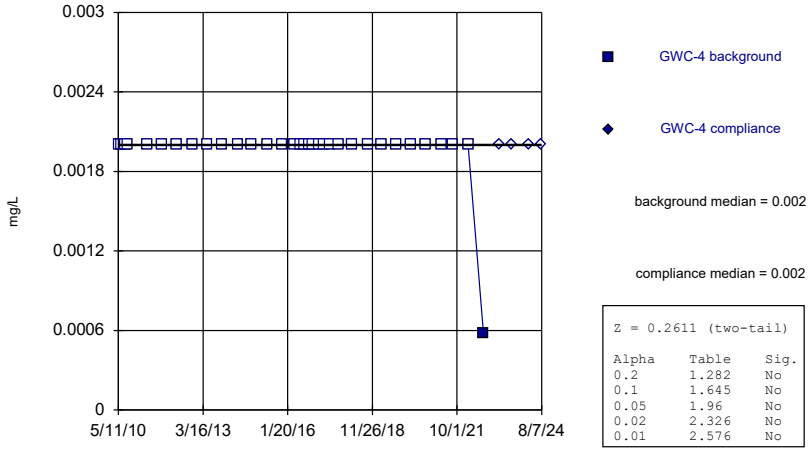
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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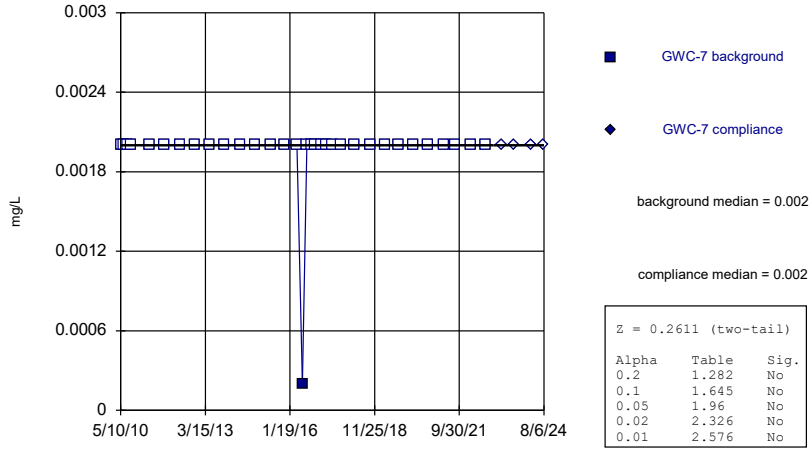
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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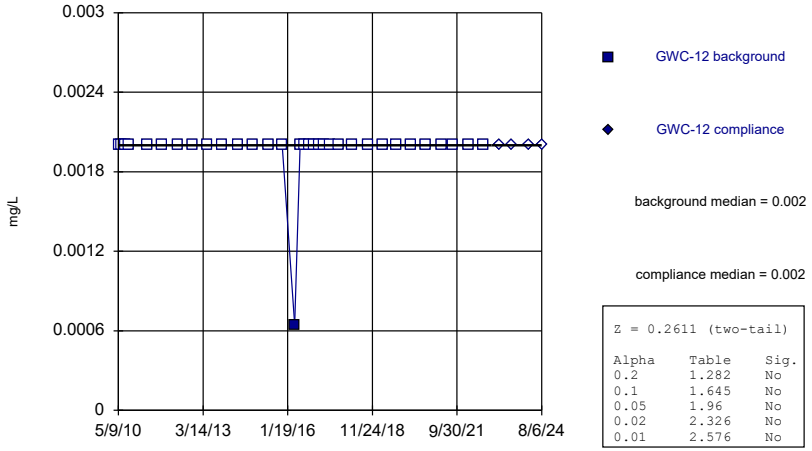
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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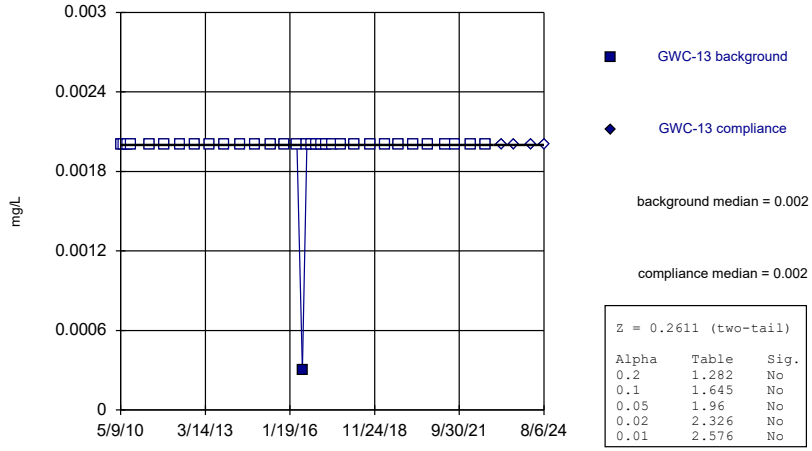
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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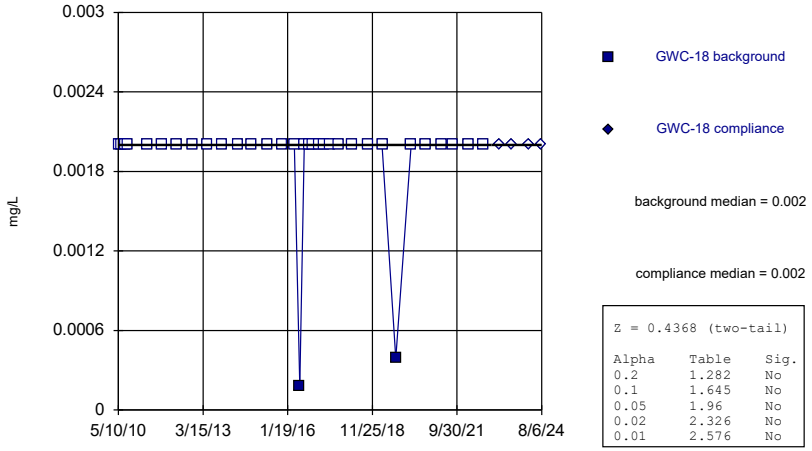
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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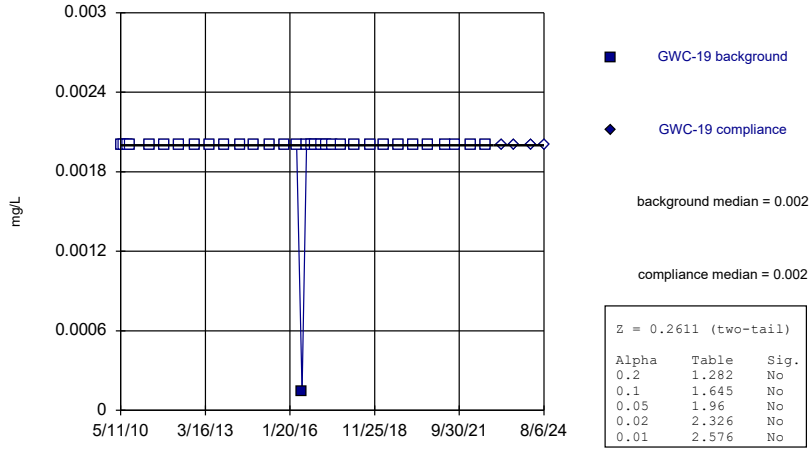
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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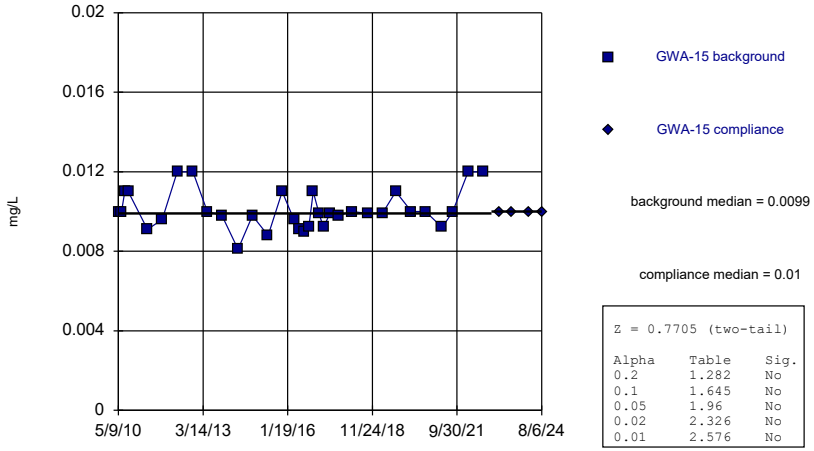
Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.7705 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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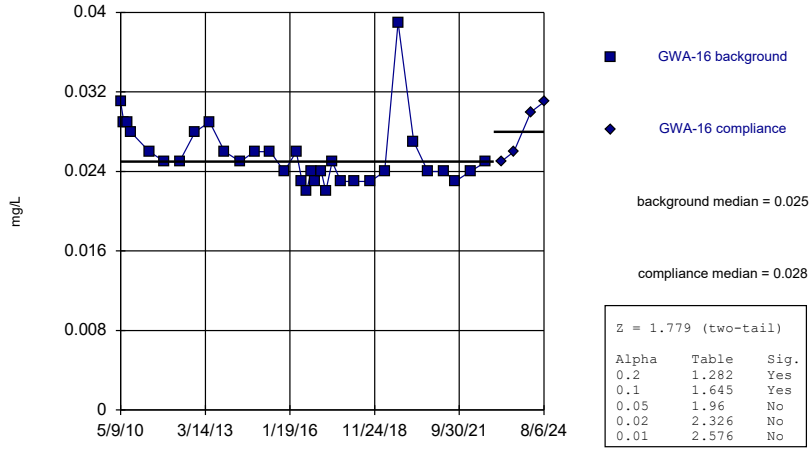
Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 1.779 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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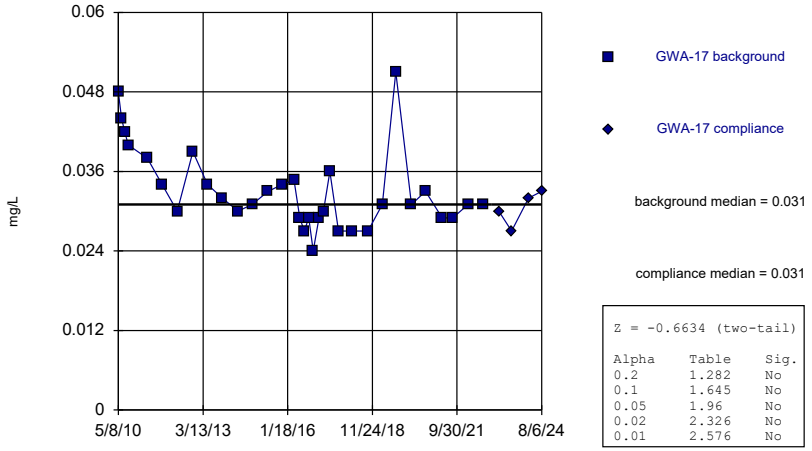
Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = -0.6634 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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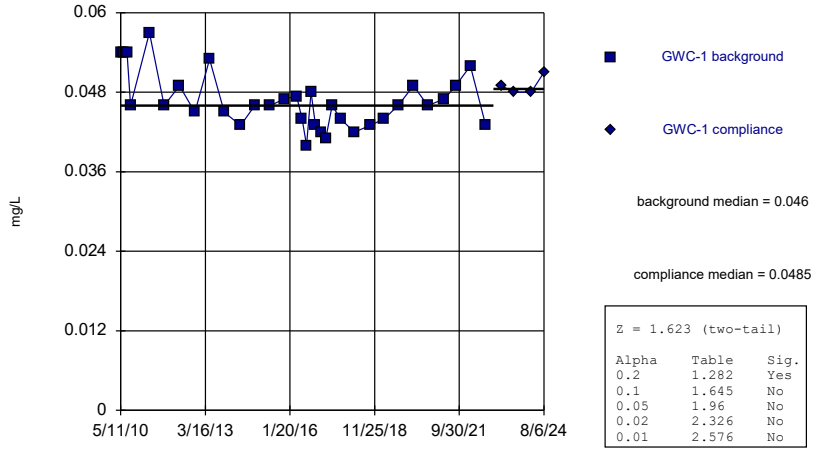
Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



background median = 0.046

compliance median = 0.0485

Z = 1.623 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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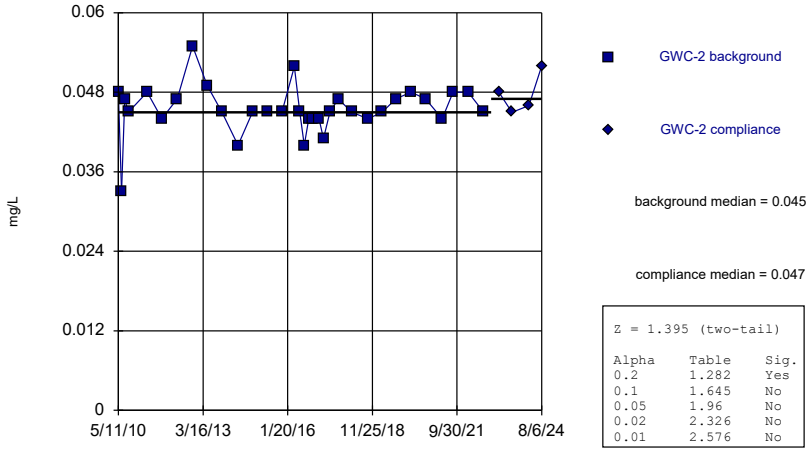
Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



background median = 0.045

compliance median = 0.047

Z = 1.395 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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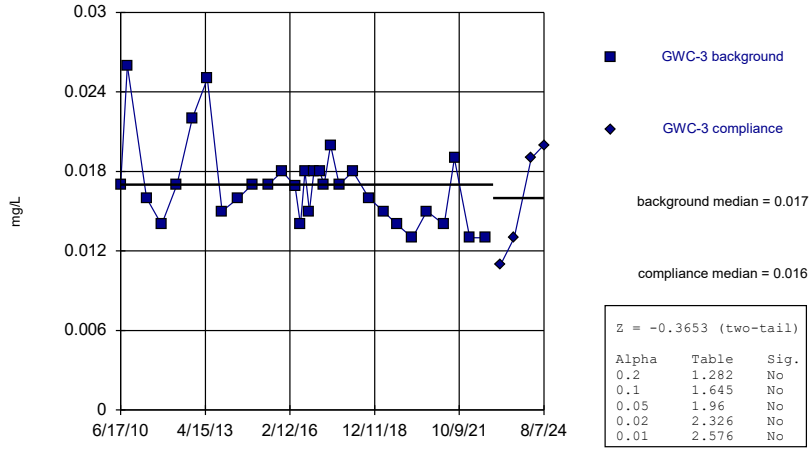
Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



background median = 0.017

compliance median = 0.016

Z = -0.3653 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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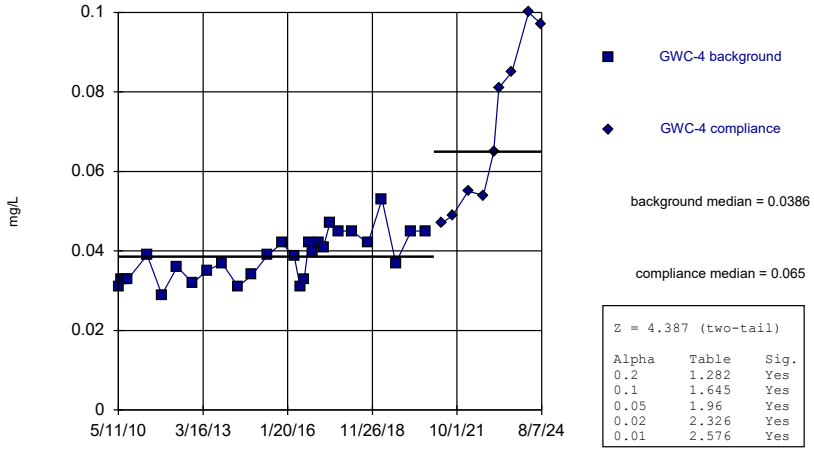
Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



background median = 0.0386

compliance median = 0.065

Z = 4.387 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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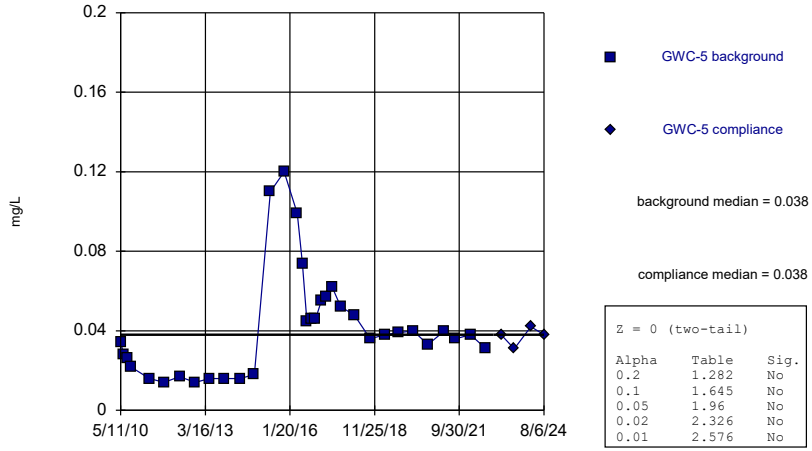
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



background median = 0.038

compliance median = 0.038

Z = 0 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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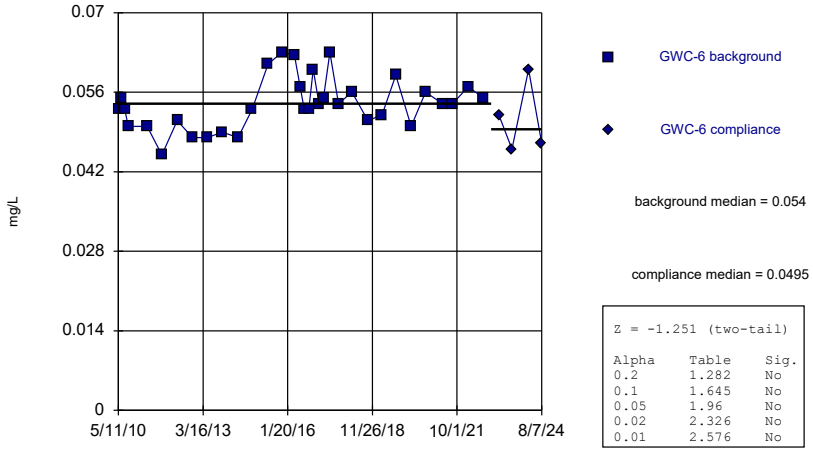
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



background median = 0.054

compliance median = 0.0495

Z = -1.251 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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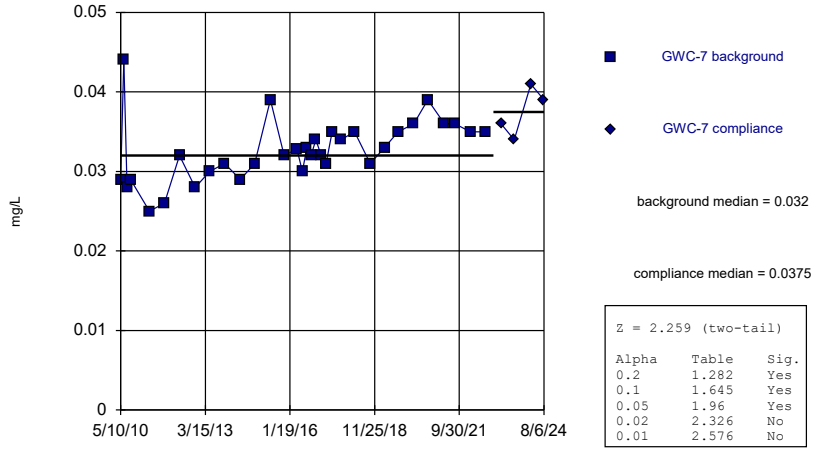
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



background median = 0.032

compliance median = 0.0375

Z = 2.259 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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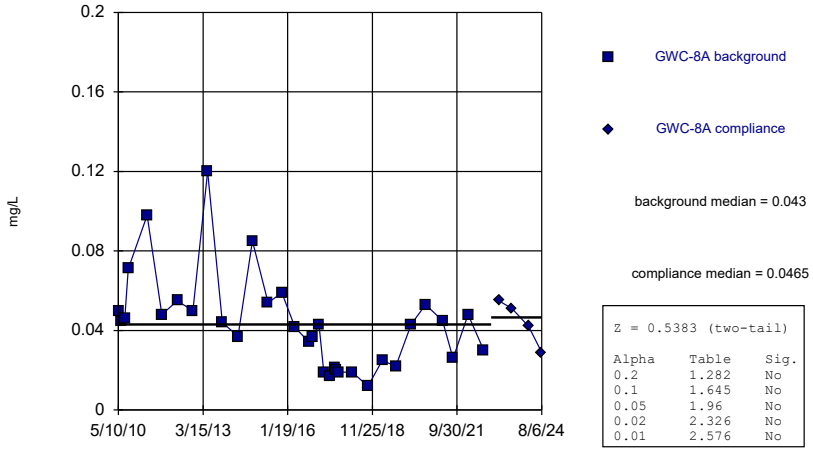
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



background median = 0.043

compliance median = 0.0465

Z = 0.5383 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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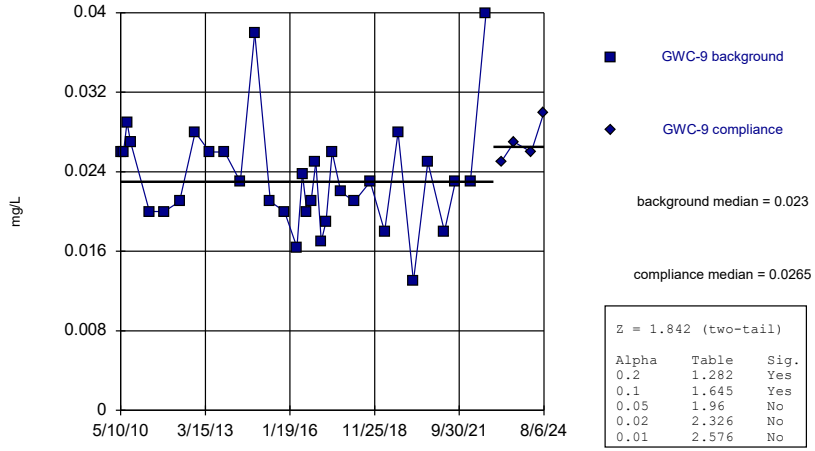
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 1.842 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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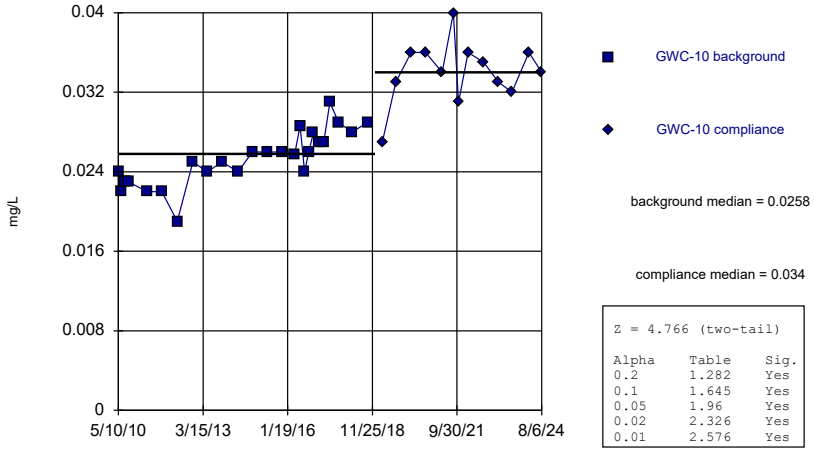
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 4.766 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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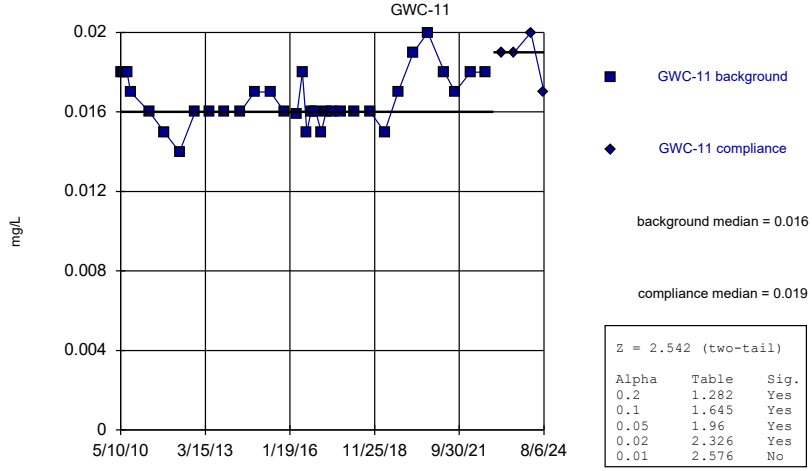
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 2.542 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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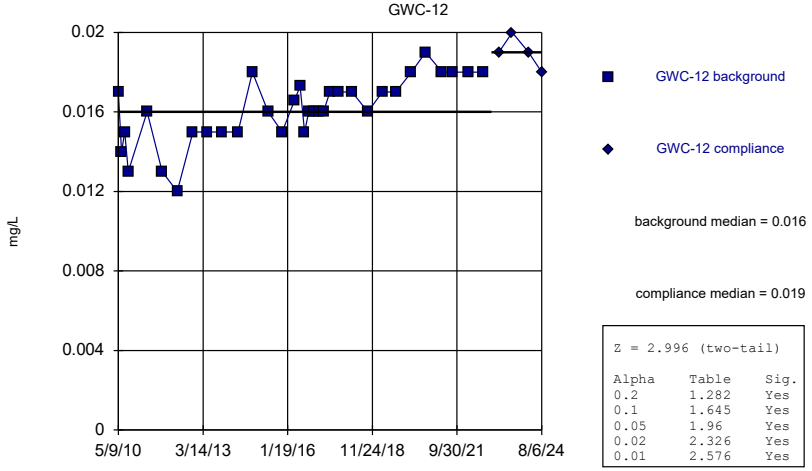
Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 2.996 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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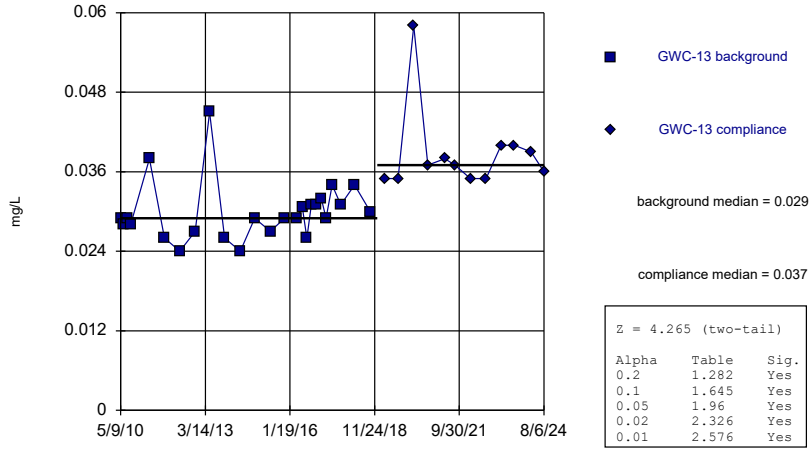
Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 4.265 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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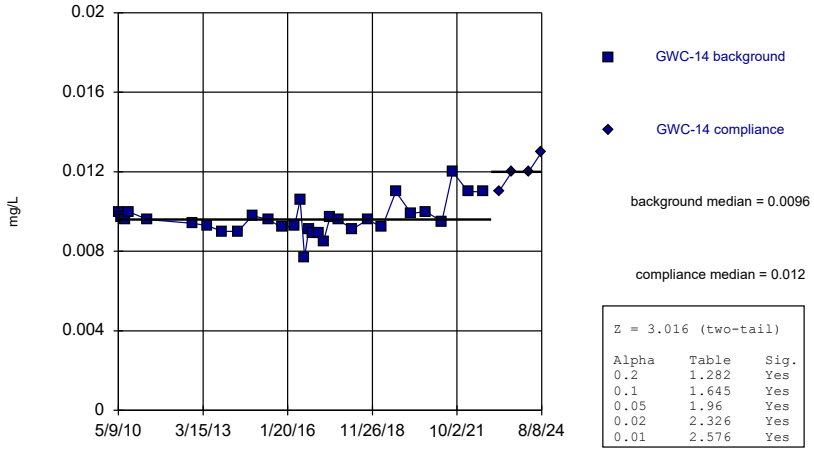
Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 3.016 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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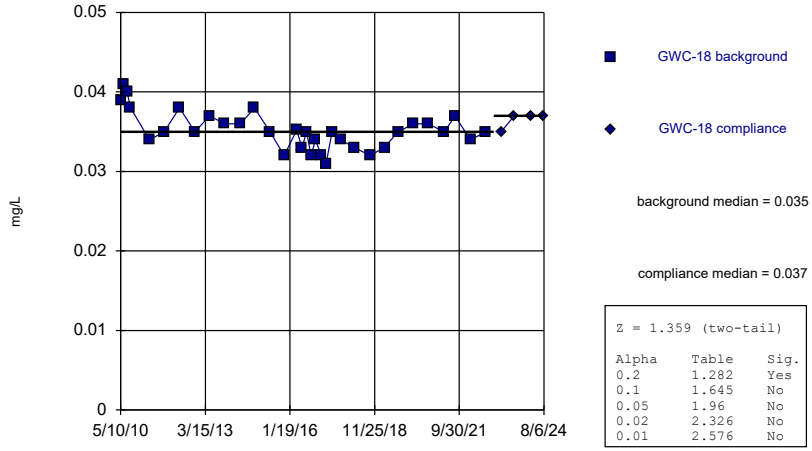
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 1.359 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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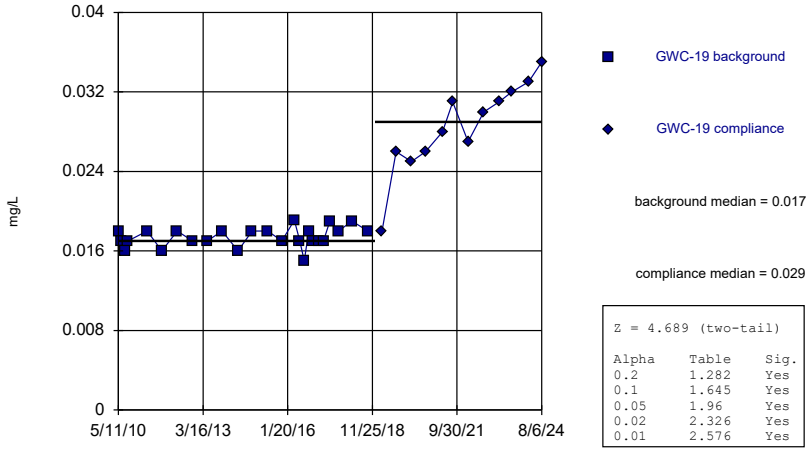
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 4.689 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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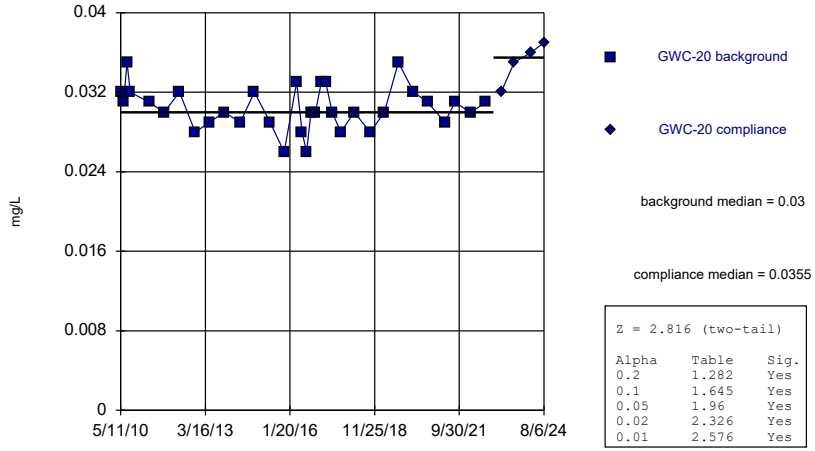
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 2.816 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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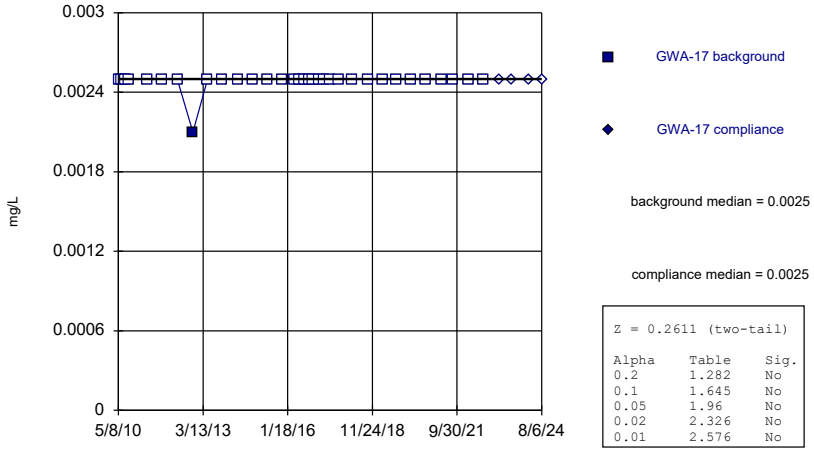
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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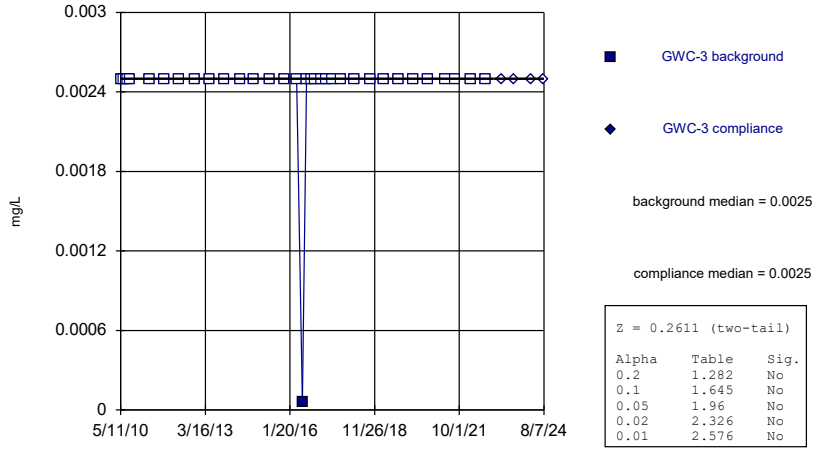
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.2611 (two-tail)

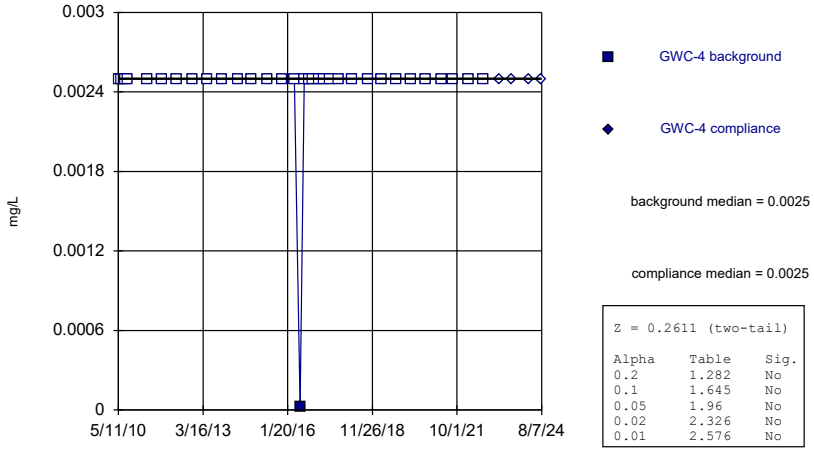
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.2611 (two-tail)

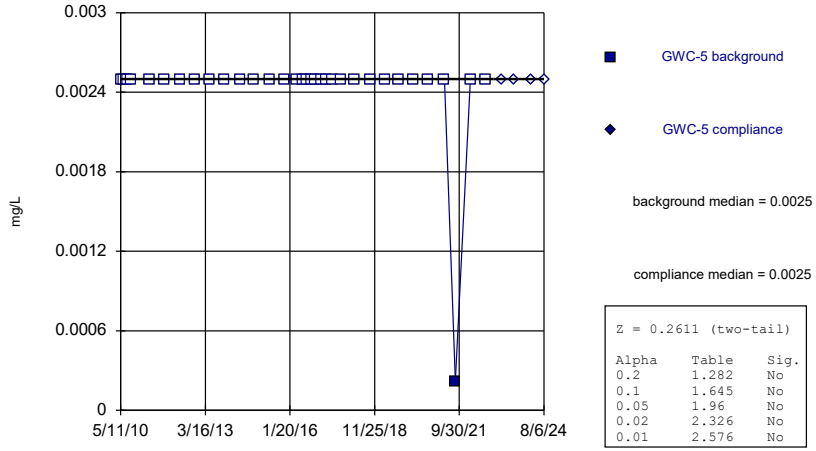
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.2611 (two-tail)

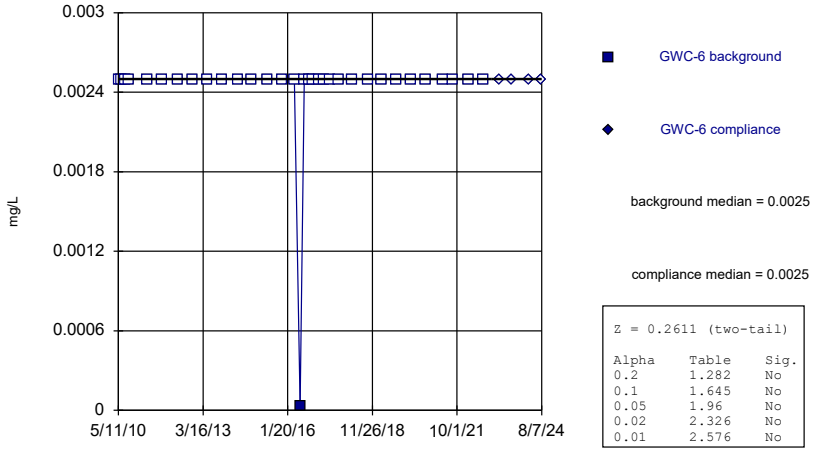
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.2611 (two-tail)

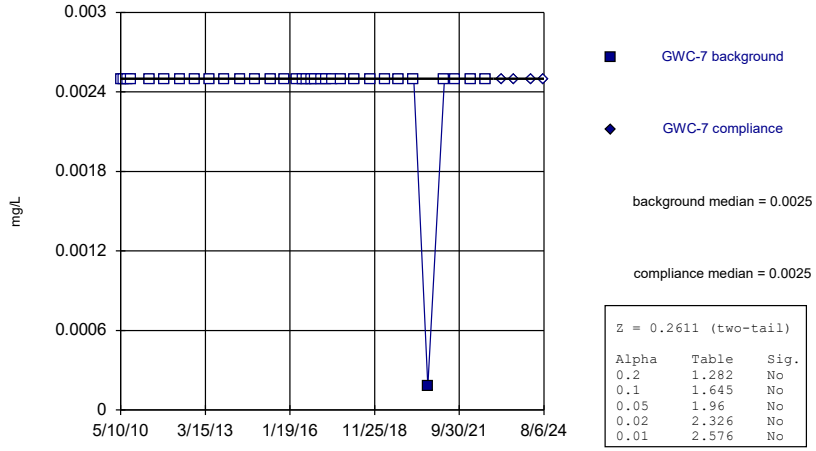
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.2611 (two-tail)

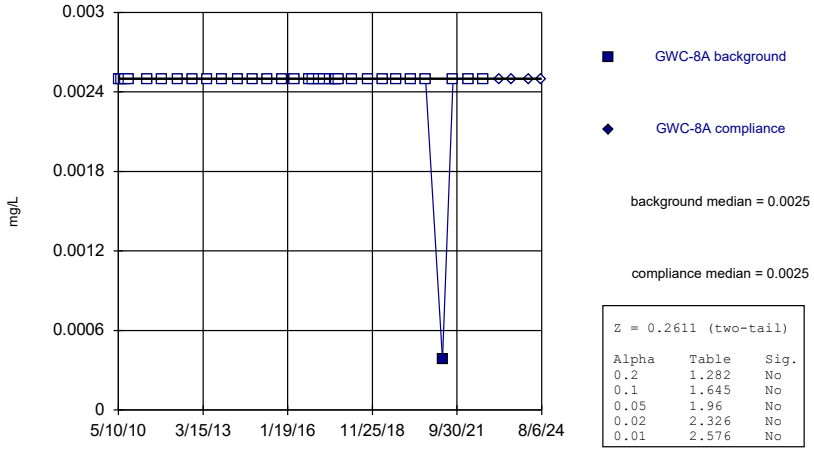
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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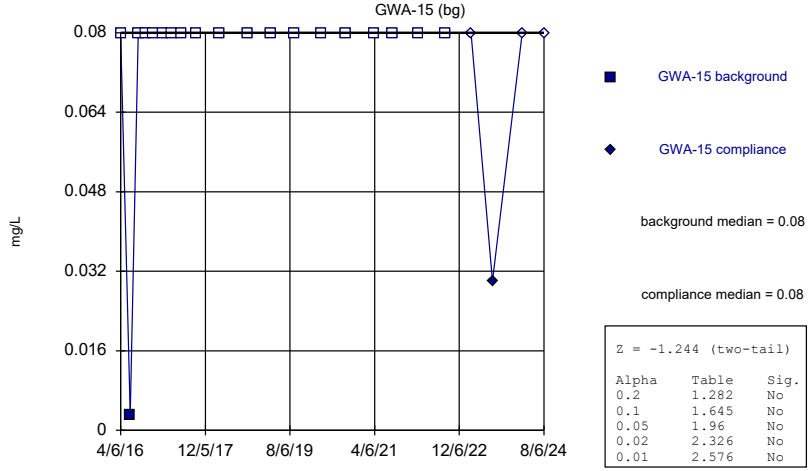
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -1.244 (two-tail)

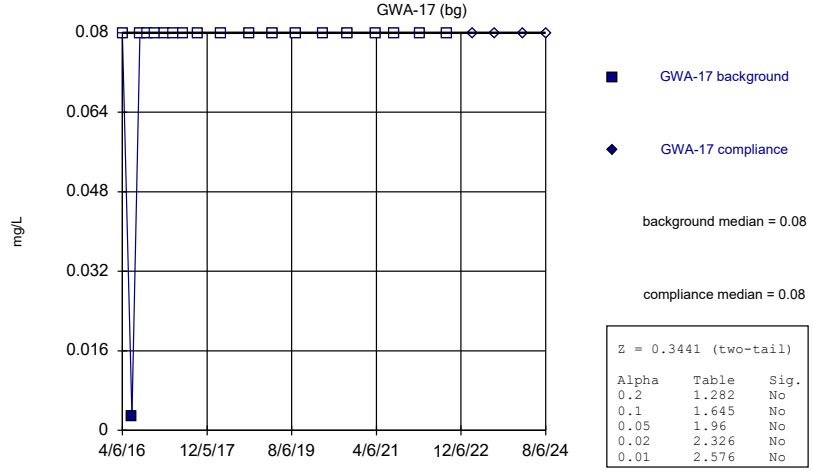
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.3441 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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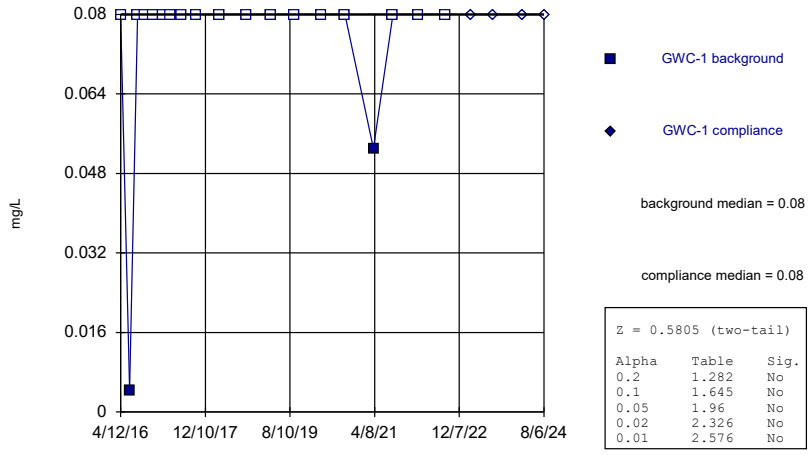
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.5805 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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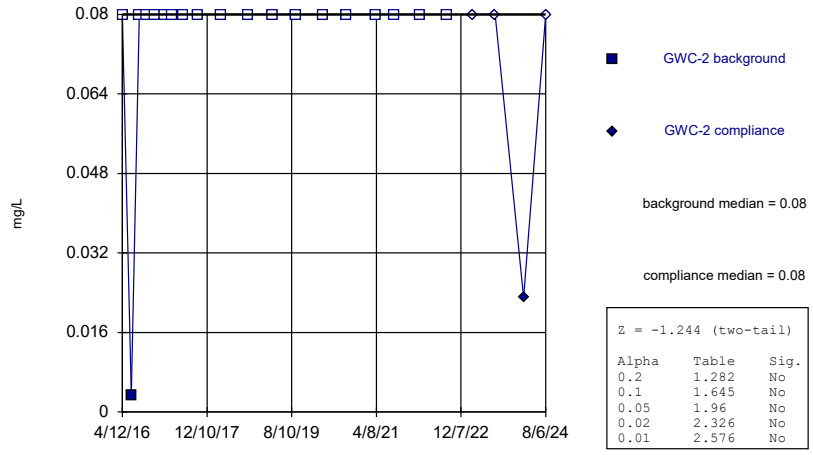
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = -1.244 (two-tail)

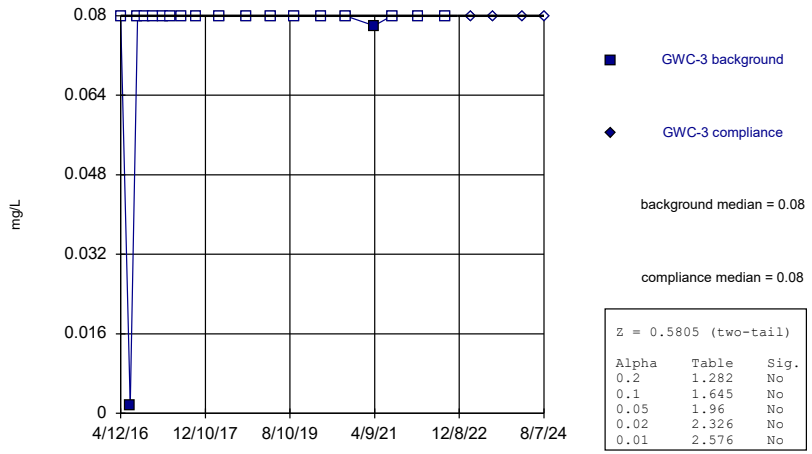
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.5805 (two-tail)

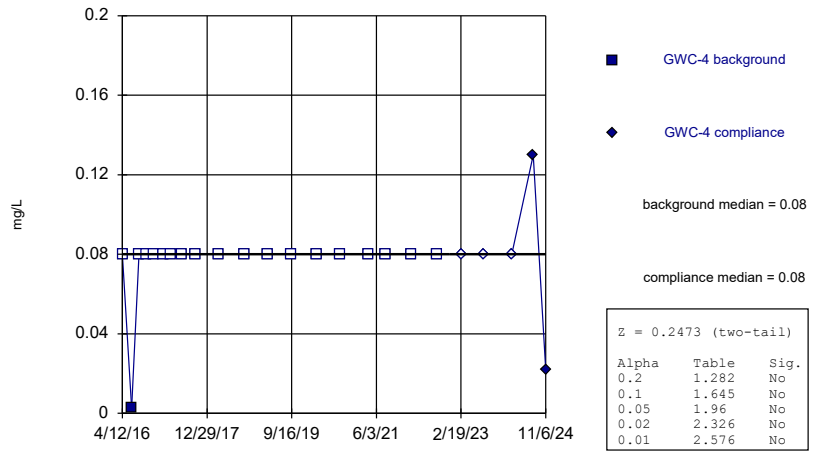
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.2473 (two-tail)

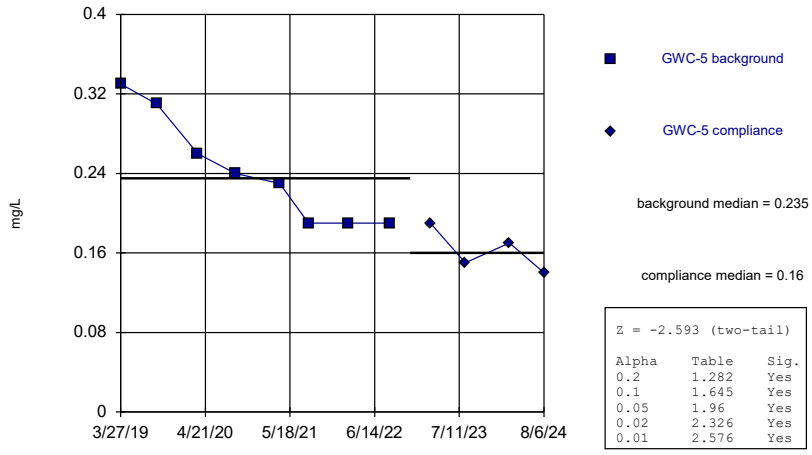
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -2.593 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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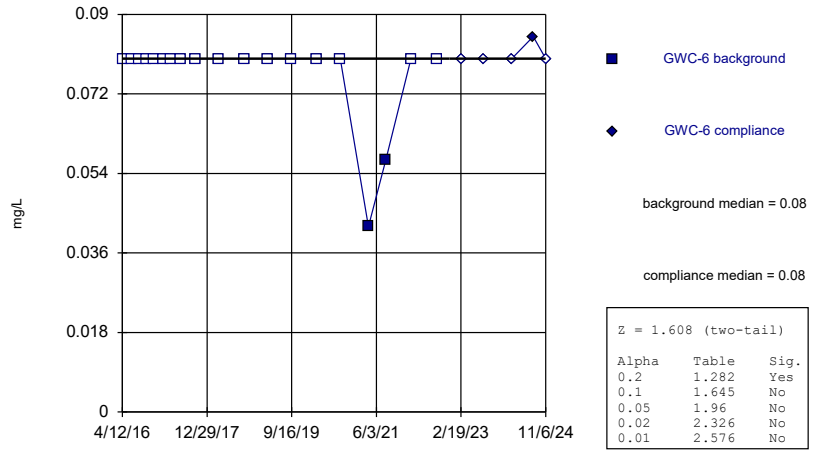
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 1.608 (two-tail)

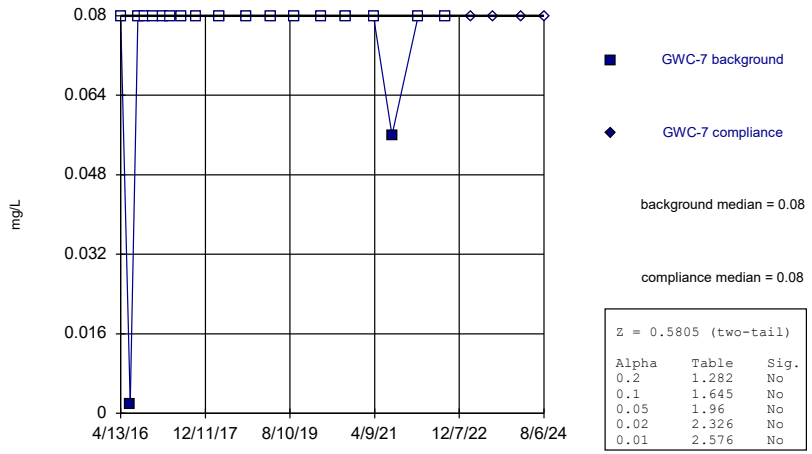
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.5805 (two-tail)

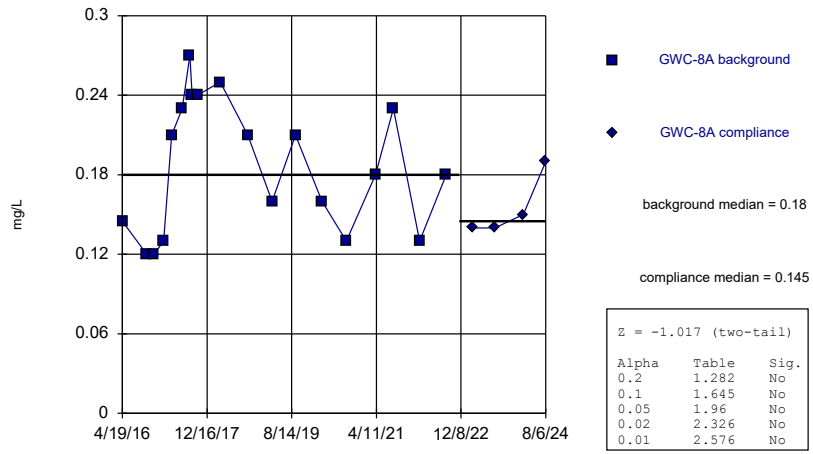
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -1.017 (two-tail)

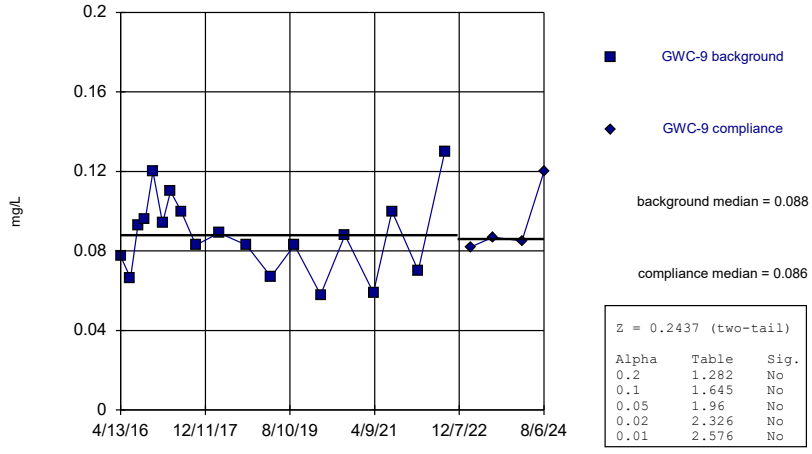
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.2437 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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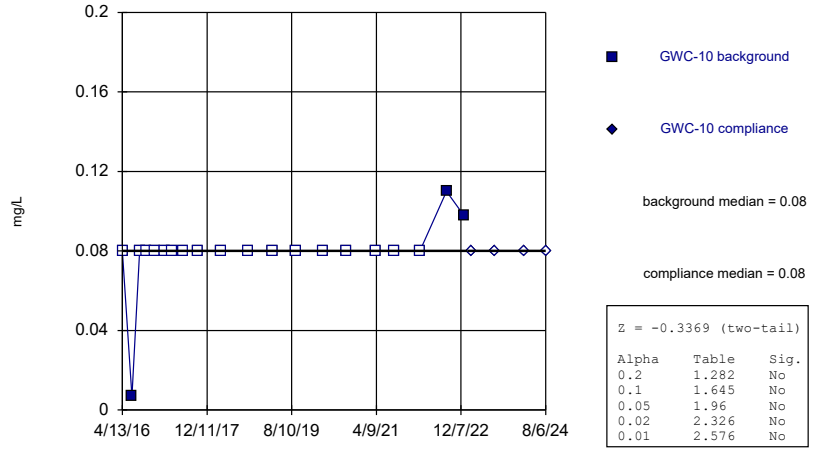
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.3369 (two-tail)

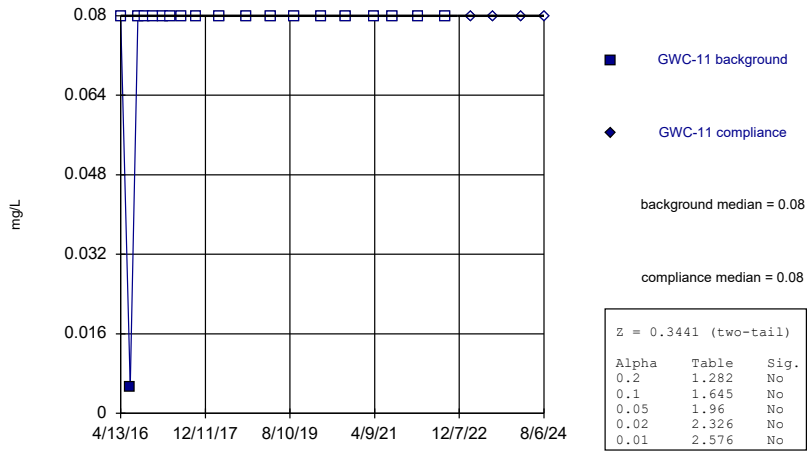
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.3441 (two-tail)

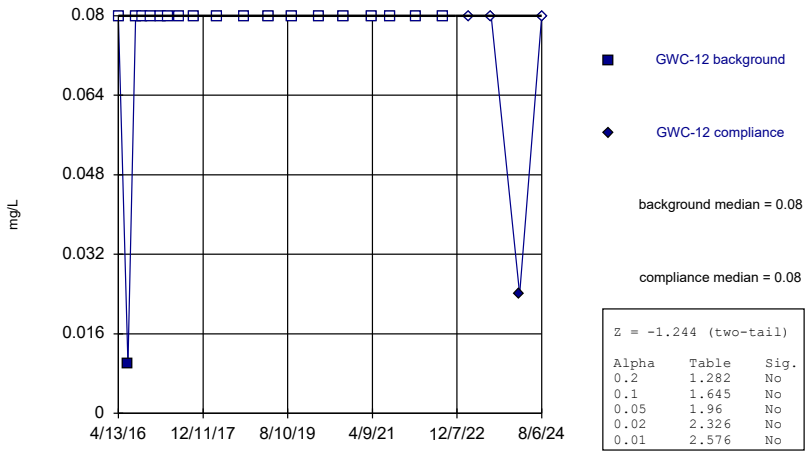
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -1.244 (two-tail)

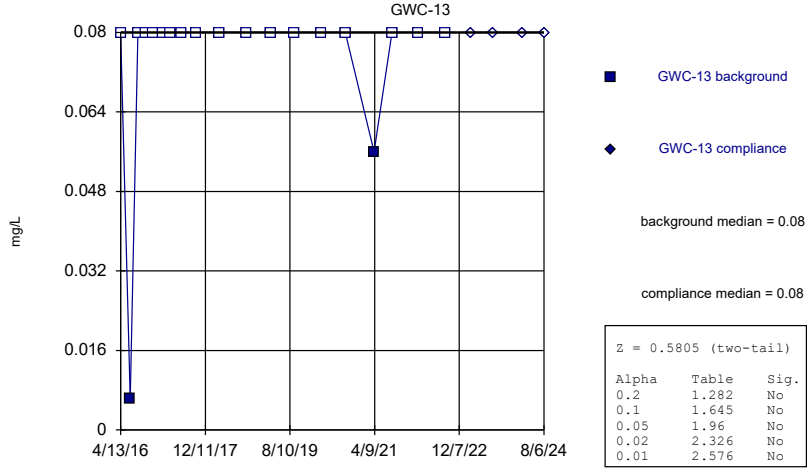
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.5805 (two-tail)

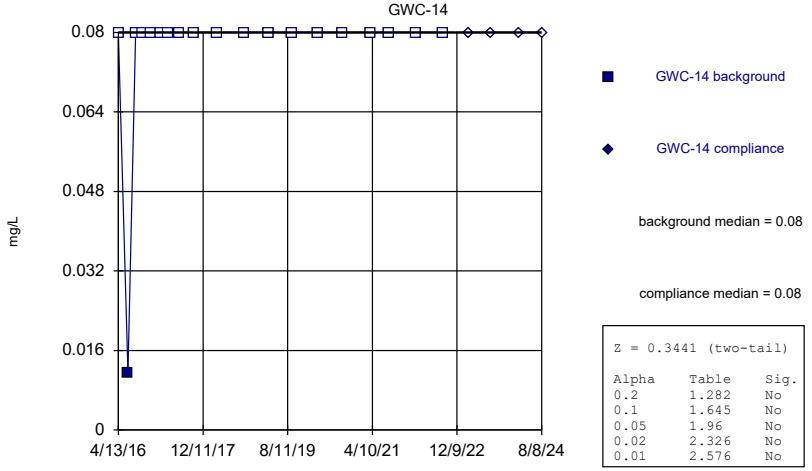
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 0.3441 (two-tail)

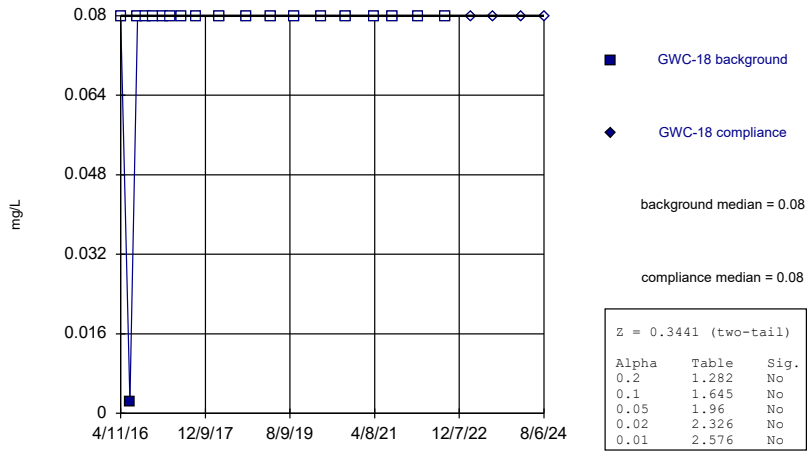
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.3441 (two-tail)

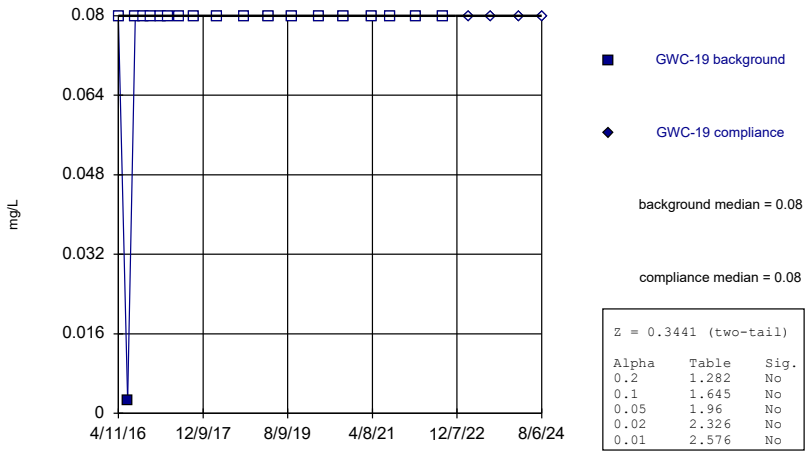
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.3441 (two-tail)

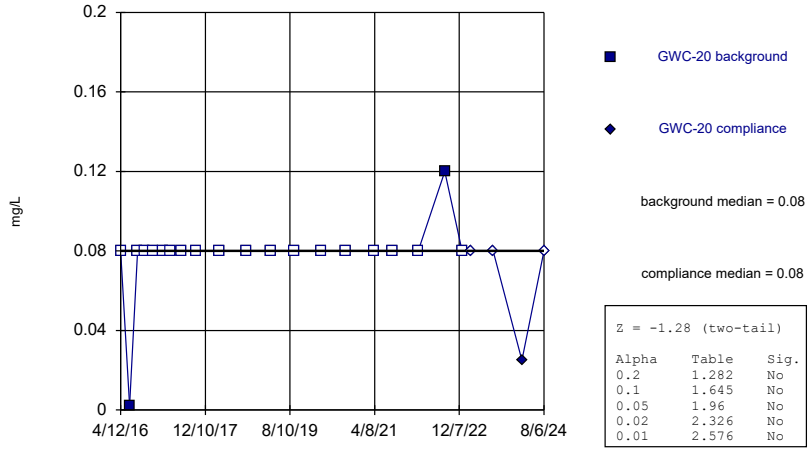
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -1.28 (two-tail)

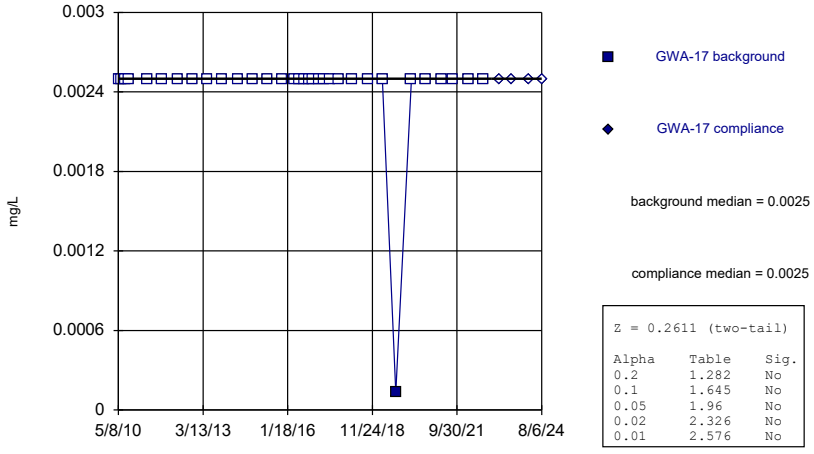
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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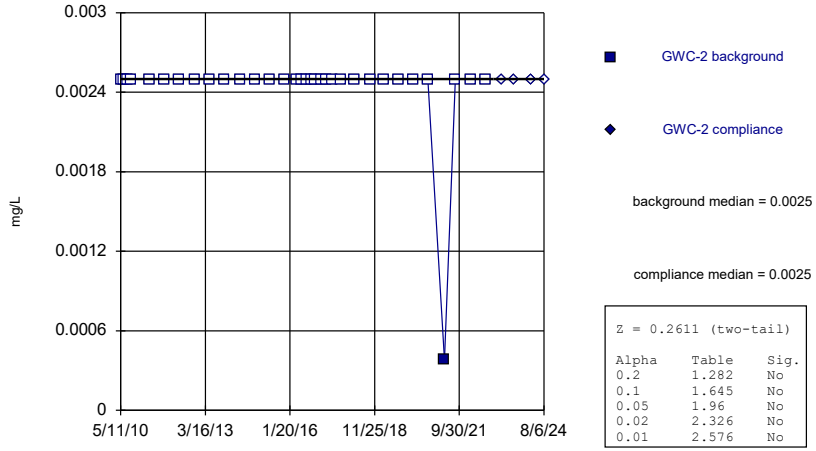
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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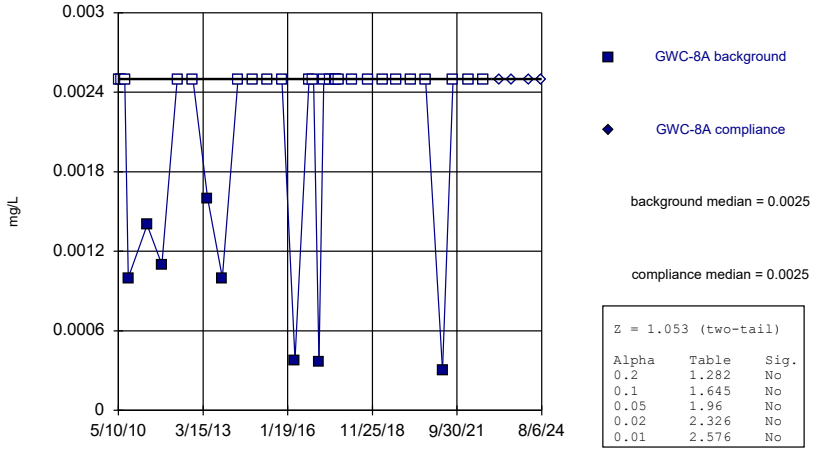
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 1.053 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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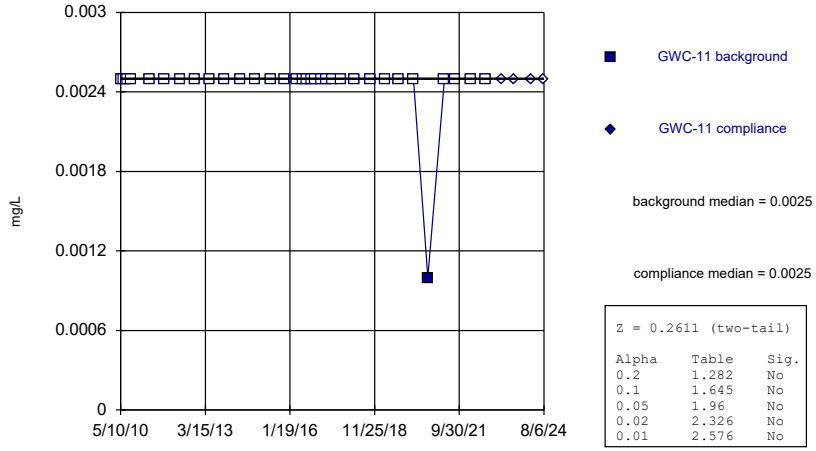
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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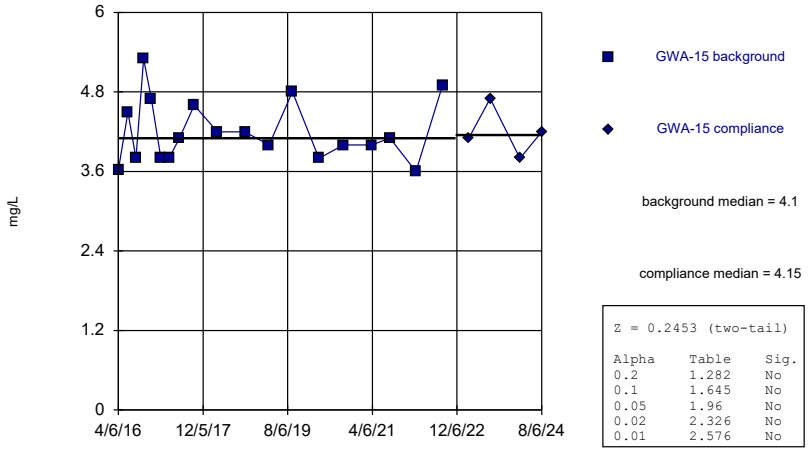
Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.2453 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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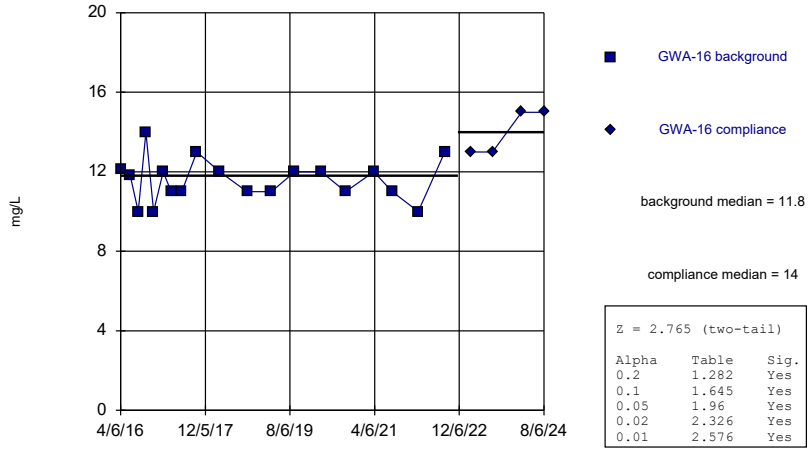
Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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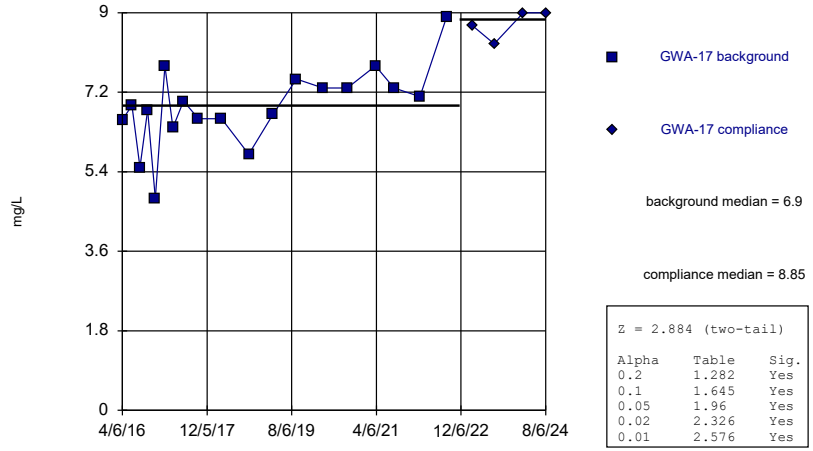
Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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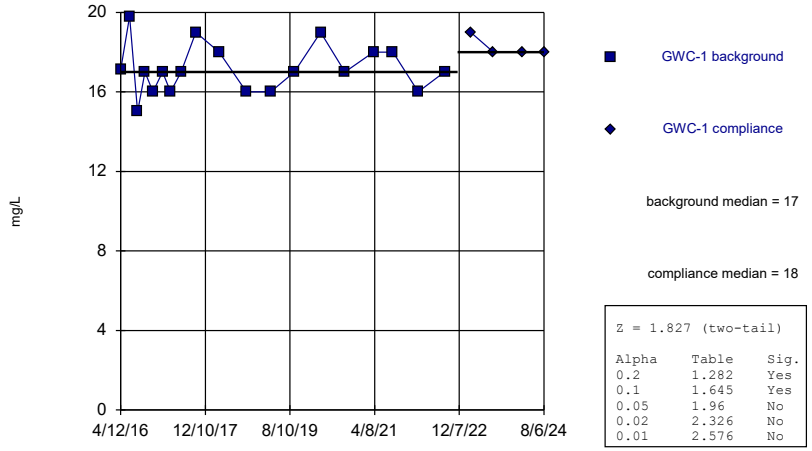
Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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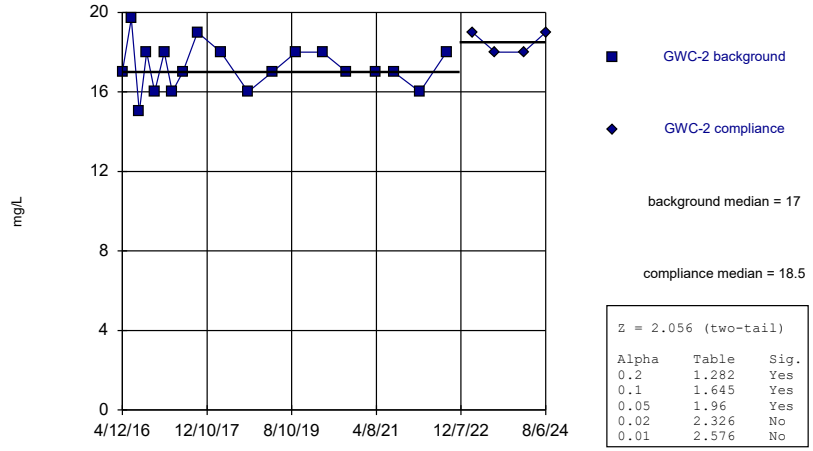
Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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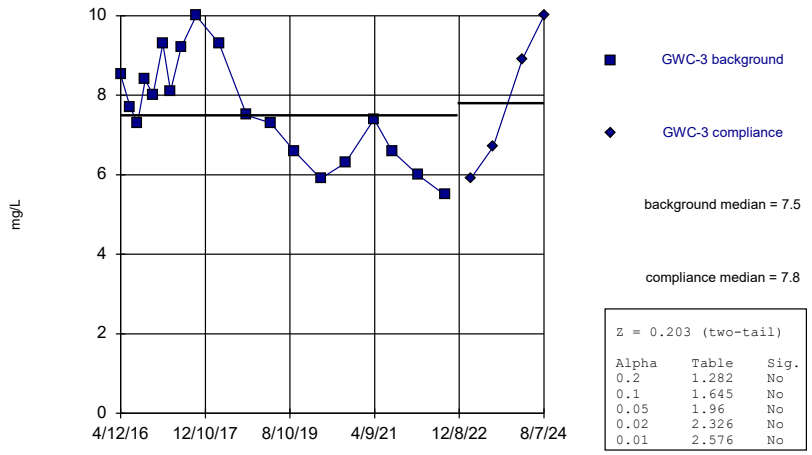
Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.203 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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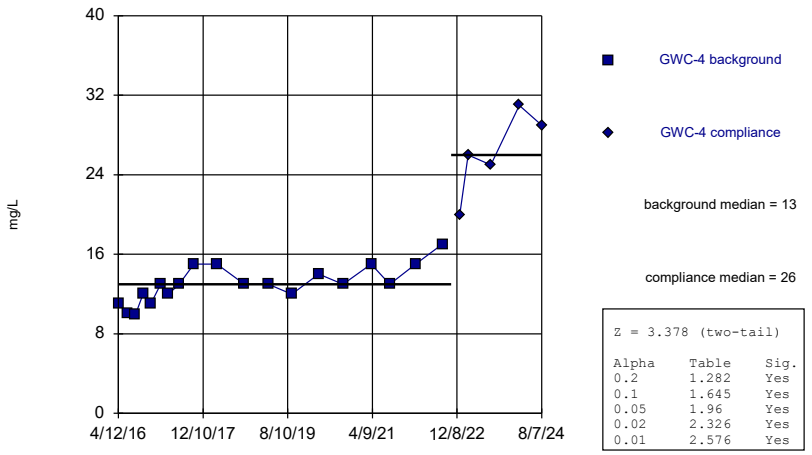
Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 3.378 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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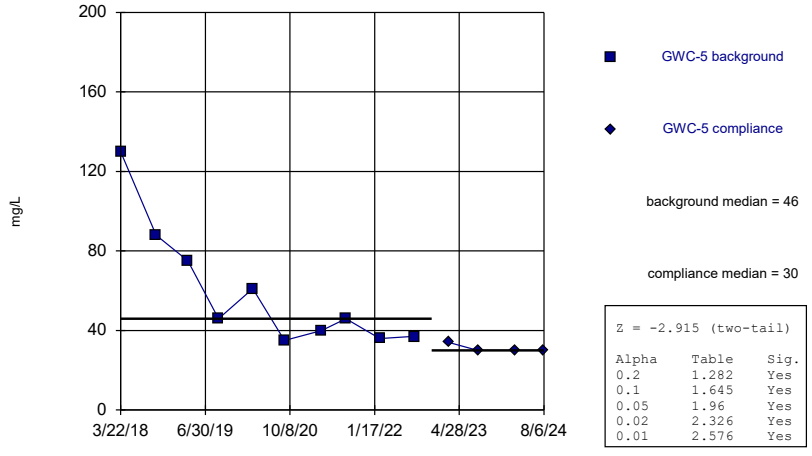
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -2.915 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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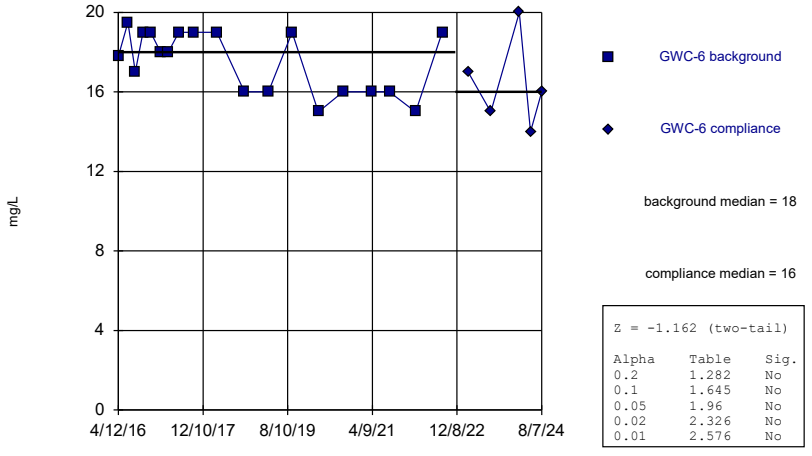
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -1.162 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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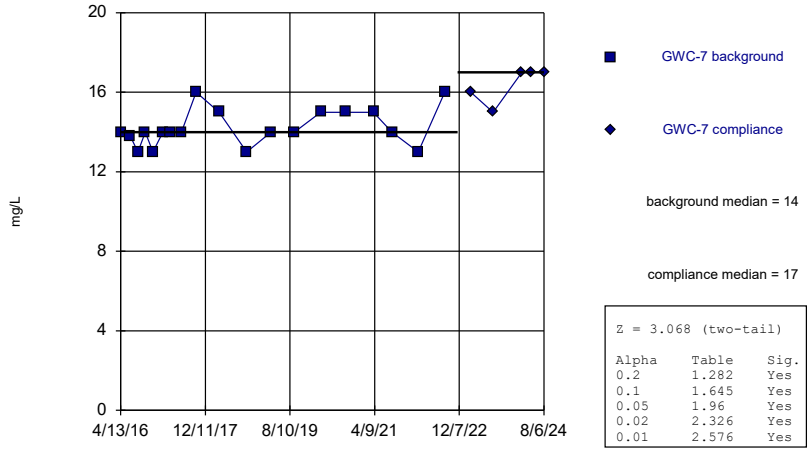
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 3.068 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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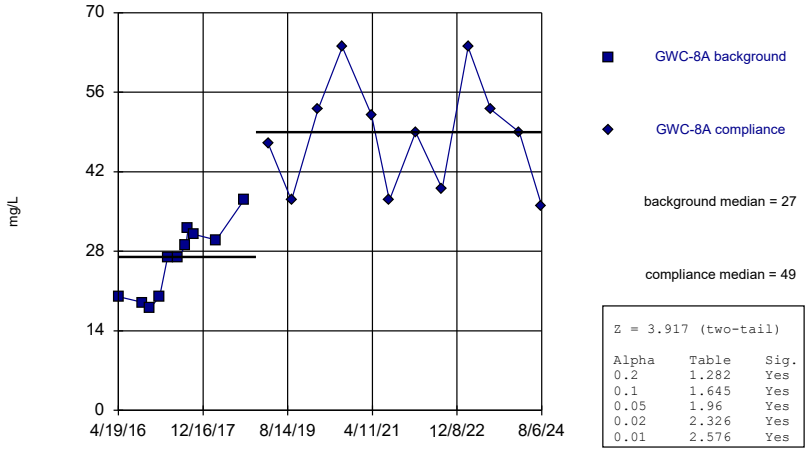
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 3.917 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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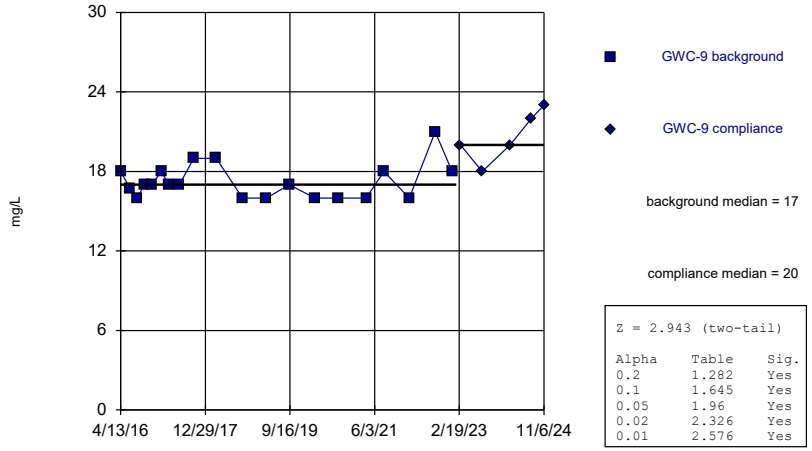
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 2.943 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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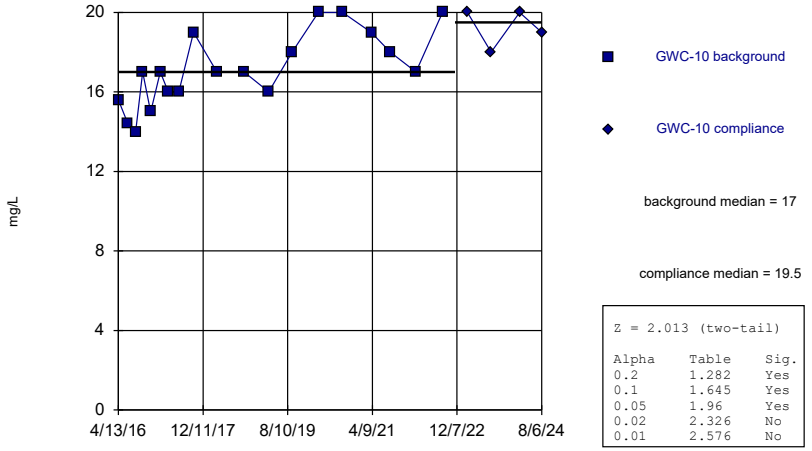
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 2.013 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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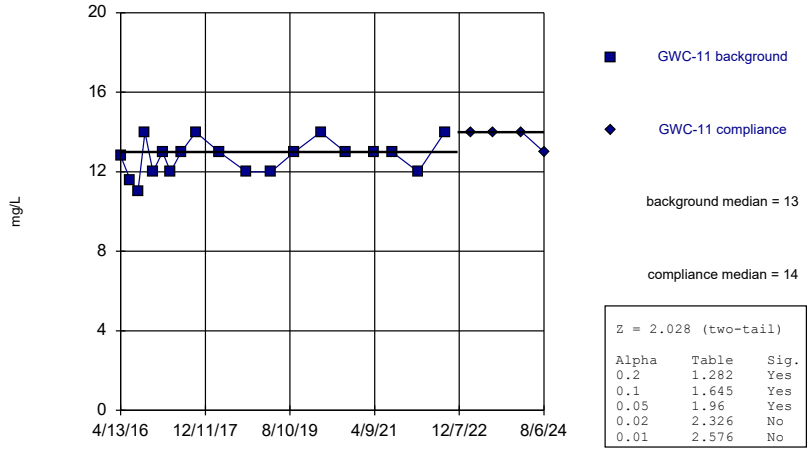
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 2.028 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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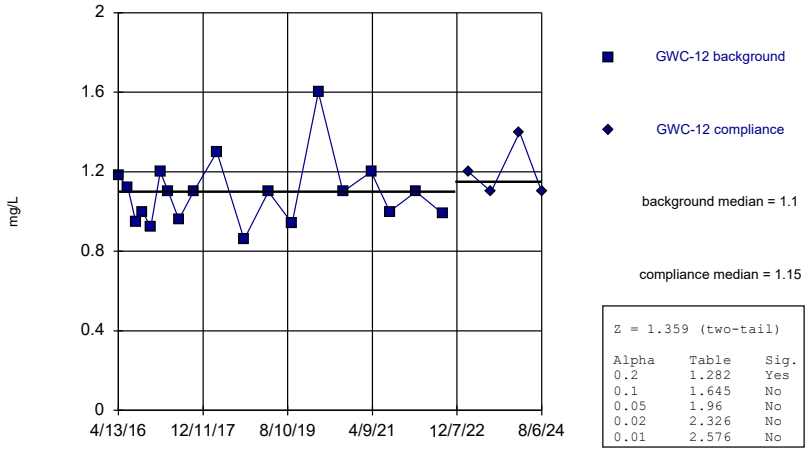
Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 1.359 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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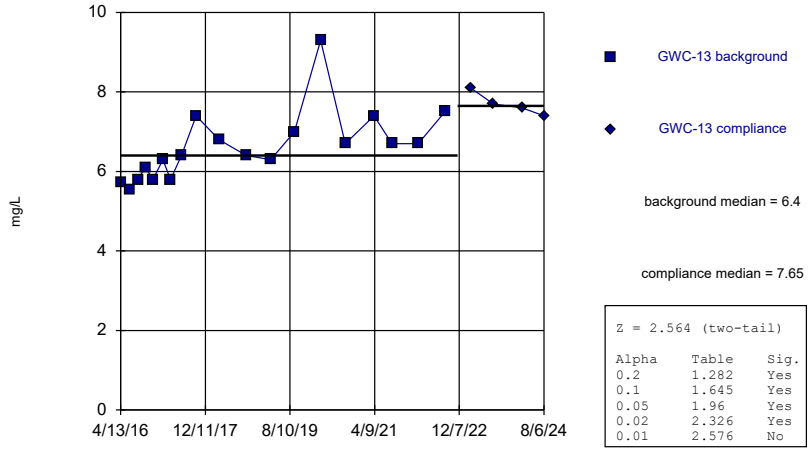
Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 2.564 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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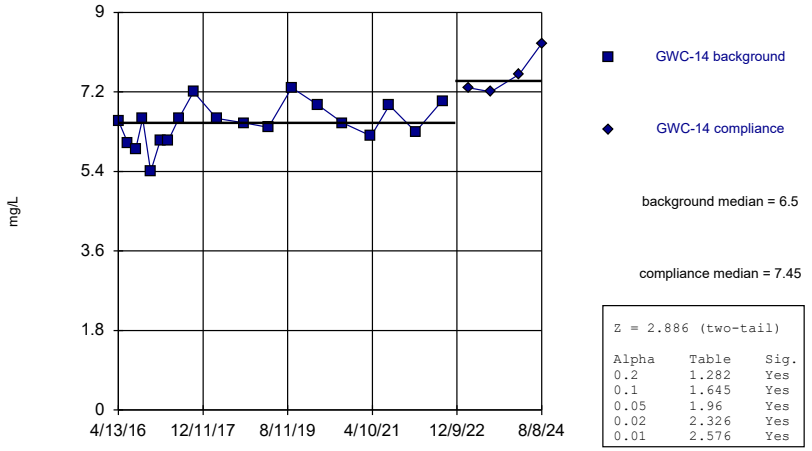
Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 2.886 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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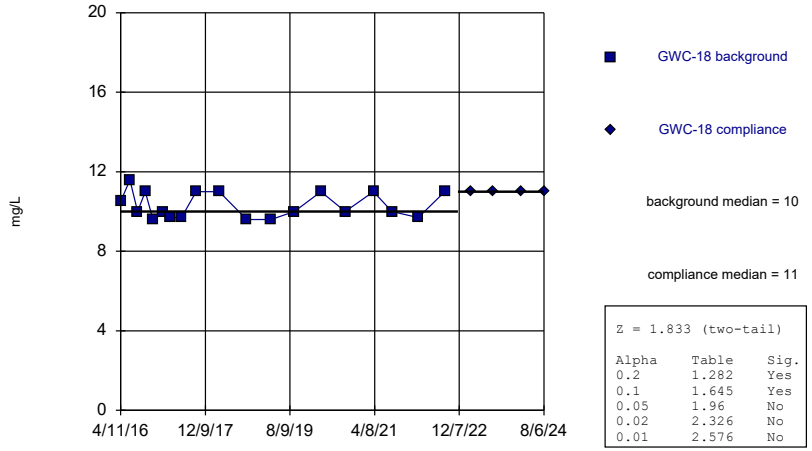
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 1.833 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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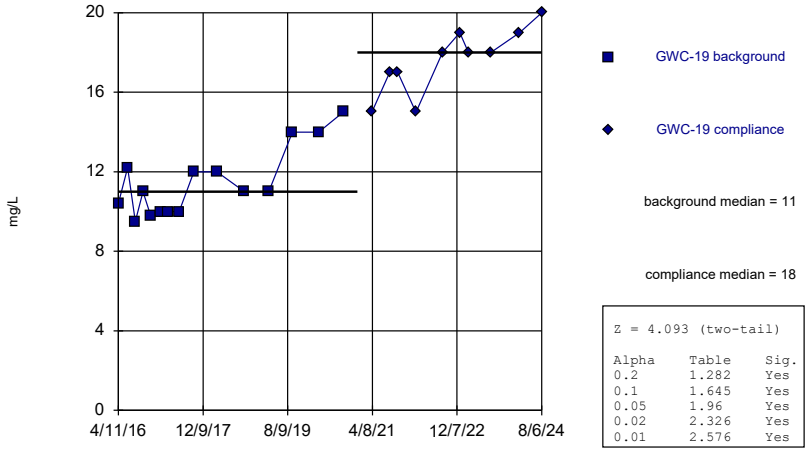
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 4.093 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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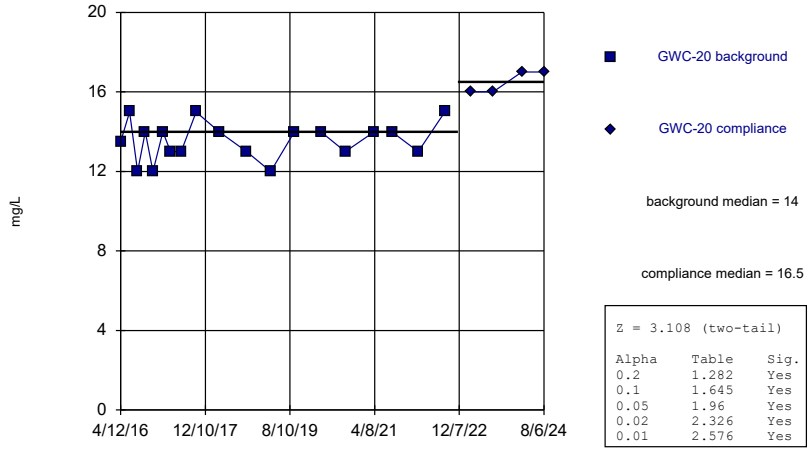
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 3.108 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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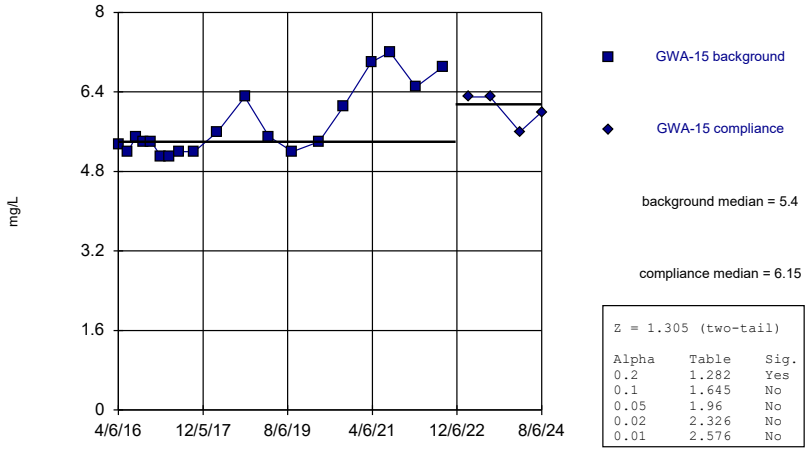
Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 1.305 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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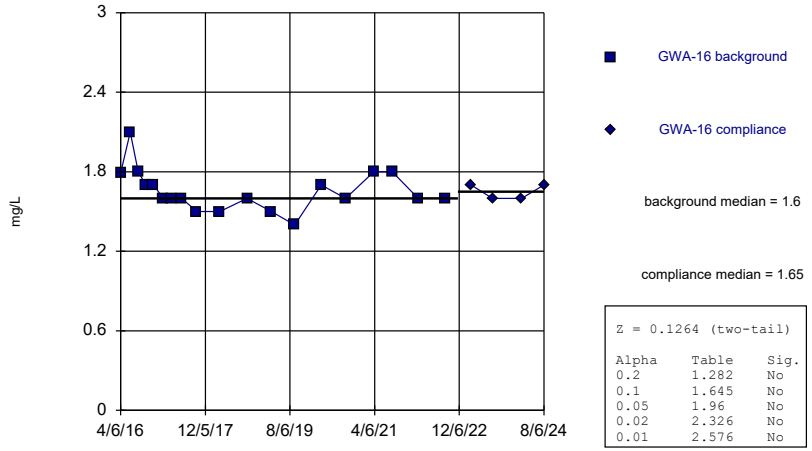
Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



background median = 1.6

compliance median = 1.65

Z = 0.1264 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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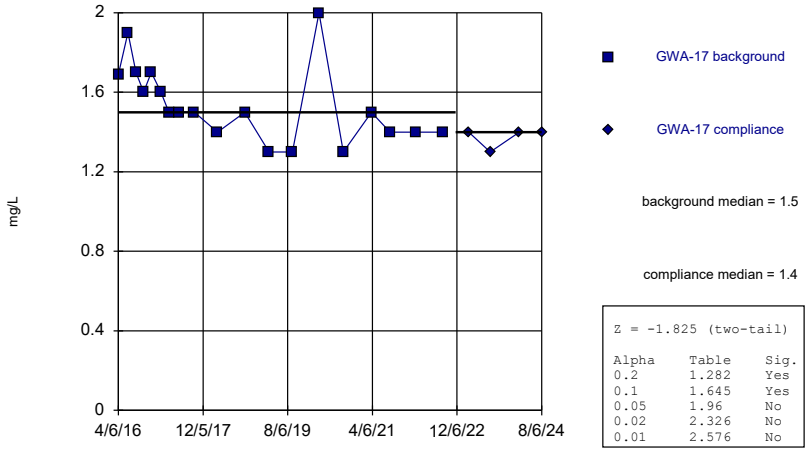
Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



background median = 1.5

compliance median = 1.4

Z = -1.825 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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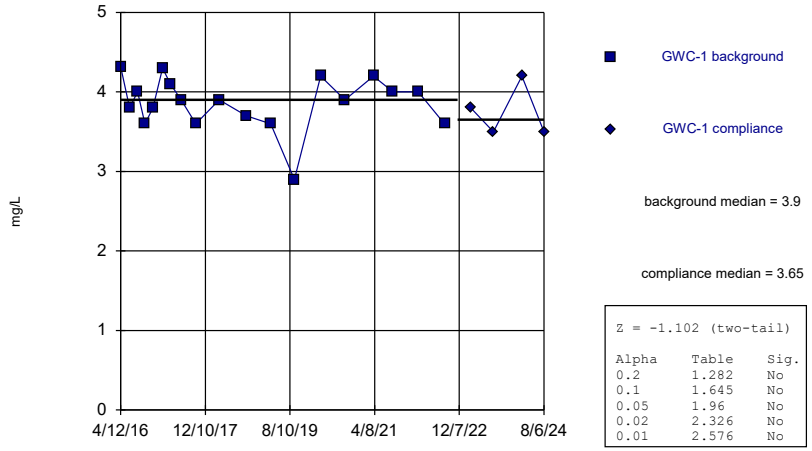
Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



background median = 3.9

compliance median = 3.65

Z = -1.102 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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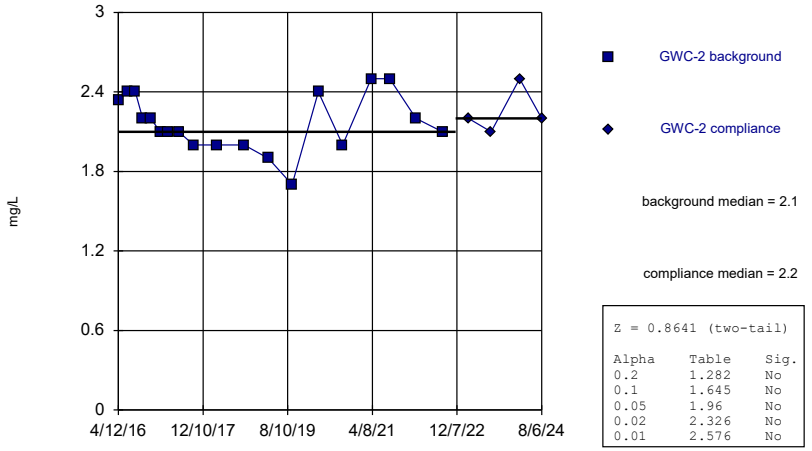
Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



background median = 2.1

compliance median = 2.2

Z = 0.8641 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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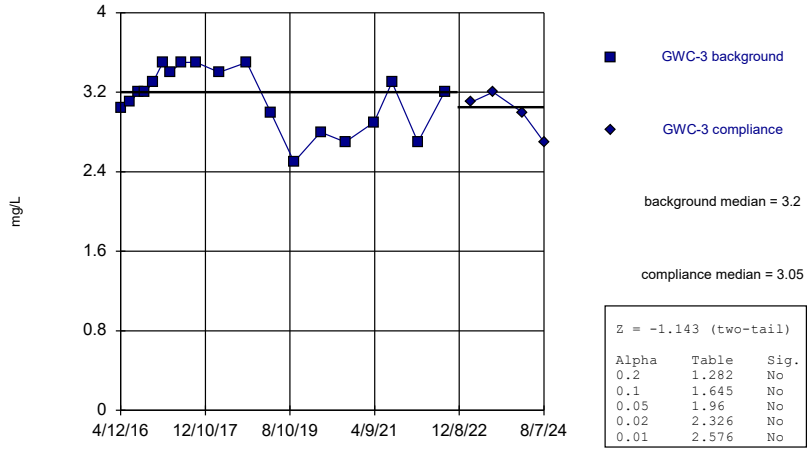
Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



background median = 3.2

compliance median = 3.05

Z = -1.143 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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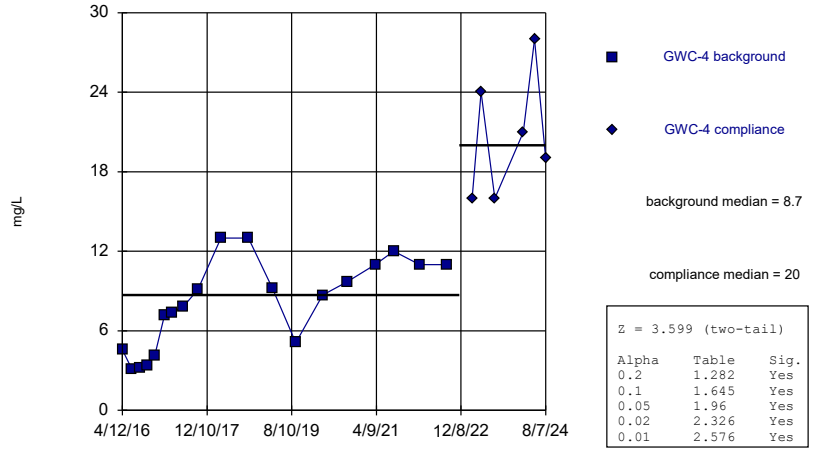
Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



background median = 8.7

compliance median = 20

Z = 3.599 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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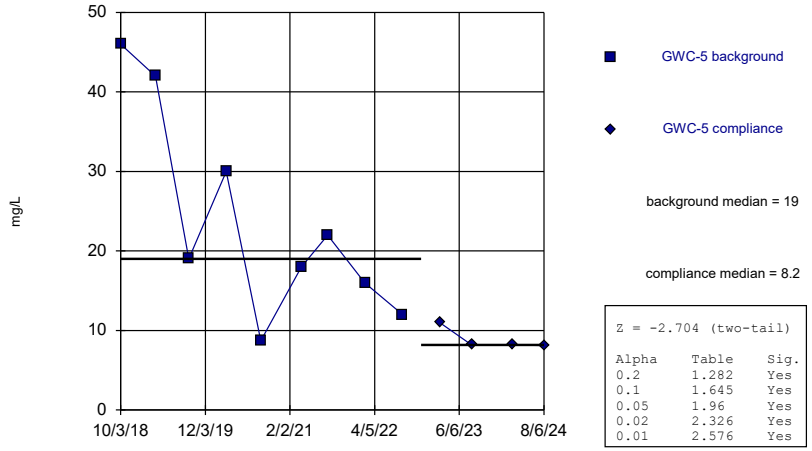
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



background median = 19

compliance median = 8.2

Z = -2.704 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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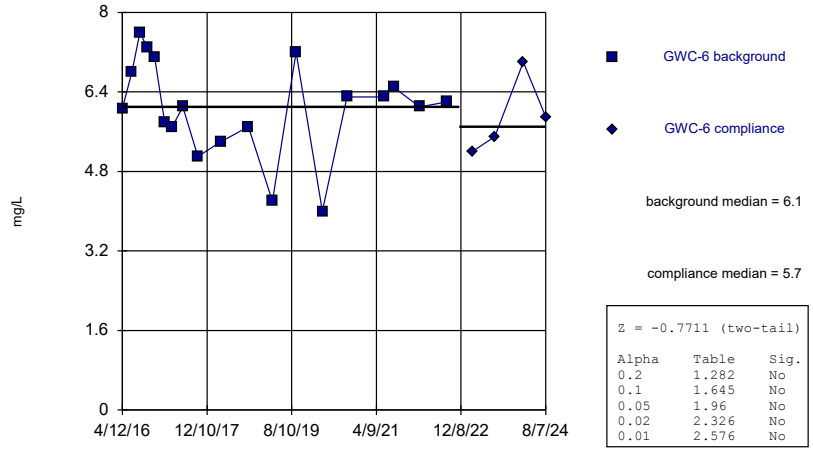
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



background median = 6.1

compliance median = 5.7

Z = -0.7711 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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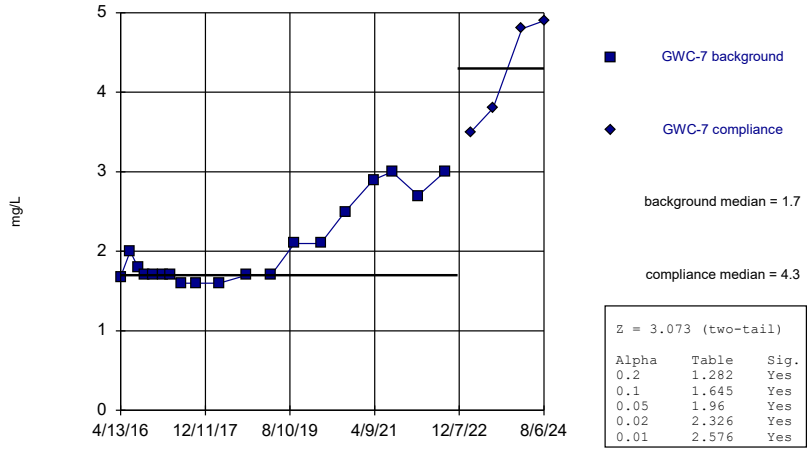
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 3.073 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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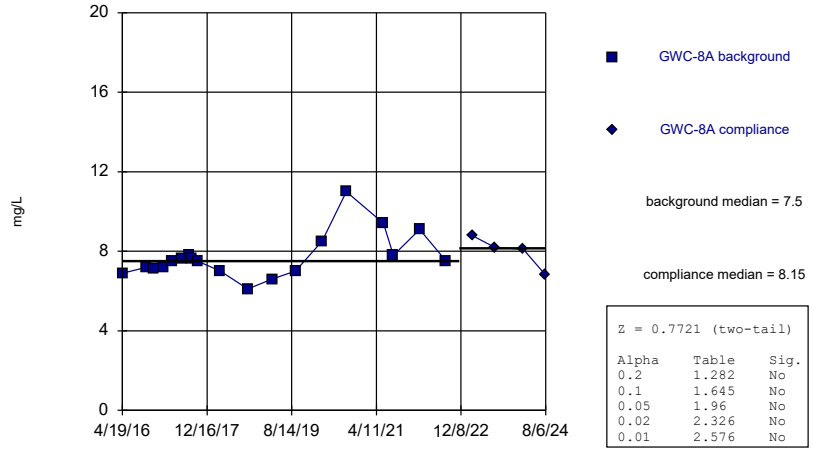
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 0.7721 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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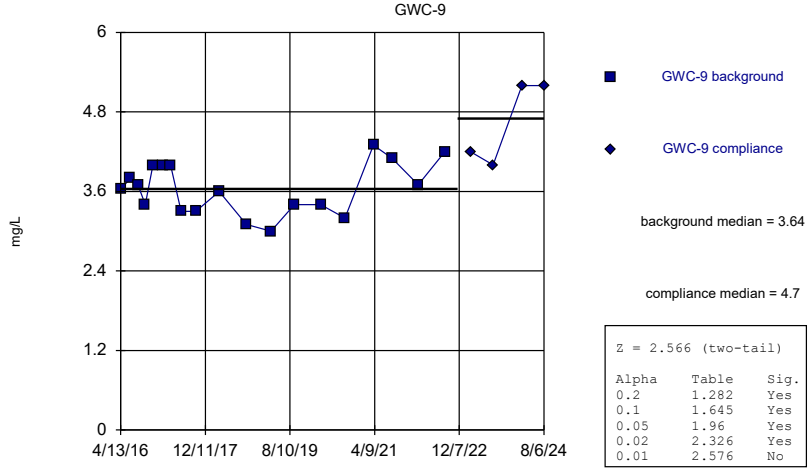
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 2.566 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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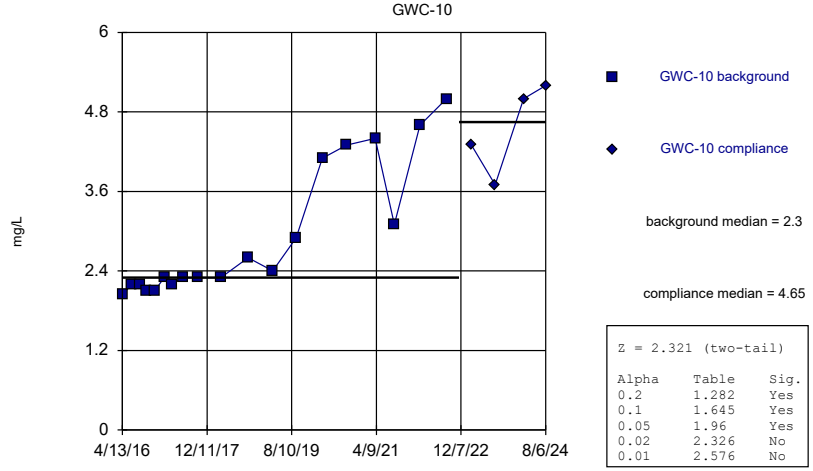
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 2.321 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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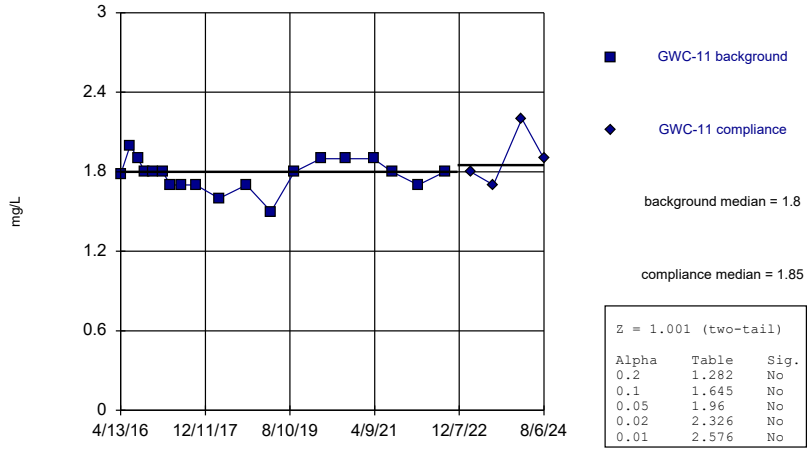
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 1.001 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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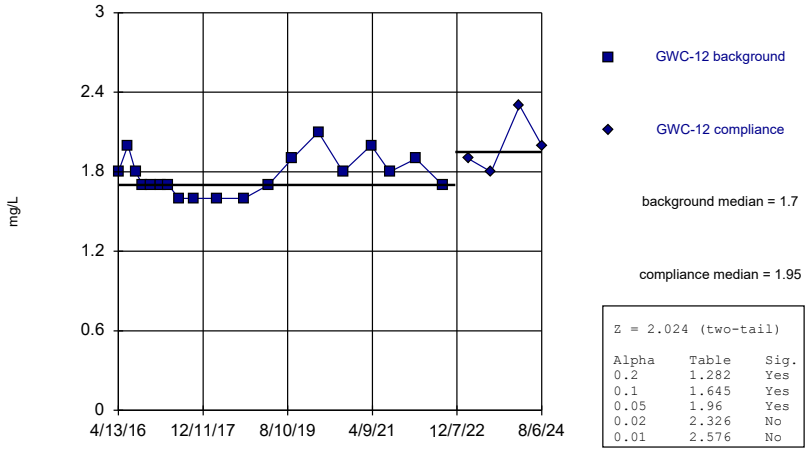
Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 2.024 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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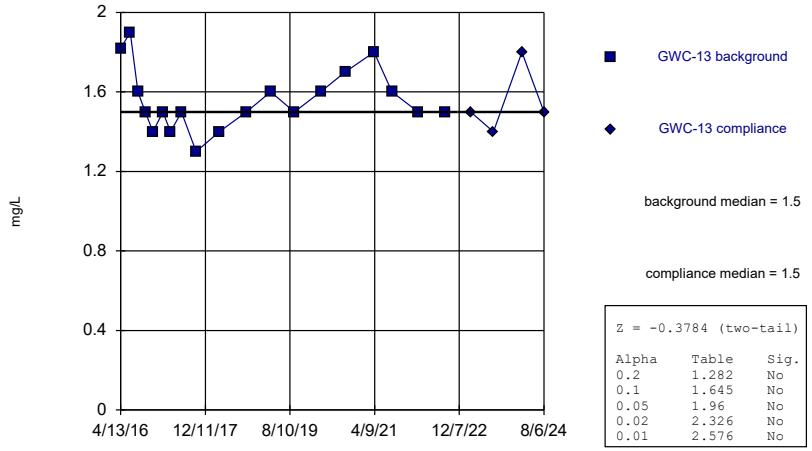
Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -0.3784 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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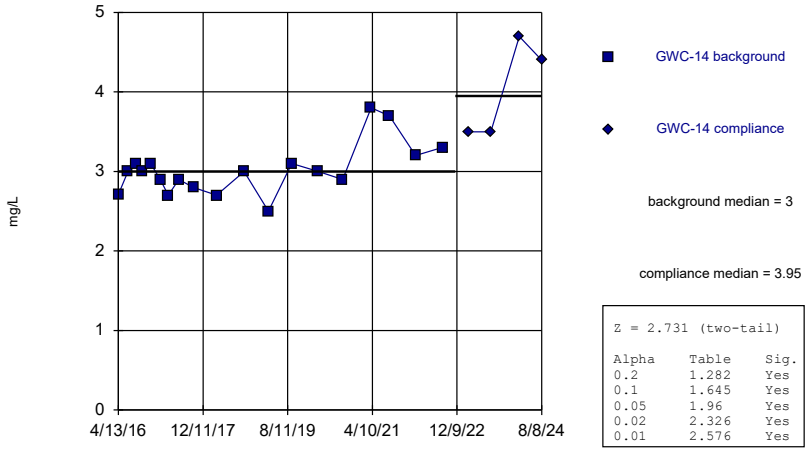
Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 2.731 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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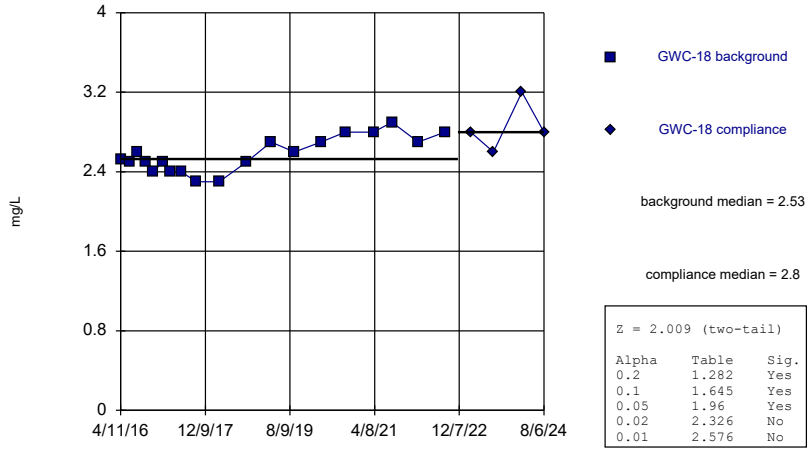
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 2.009 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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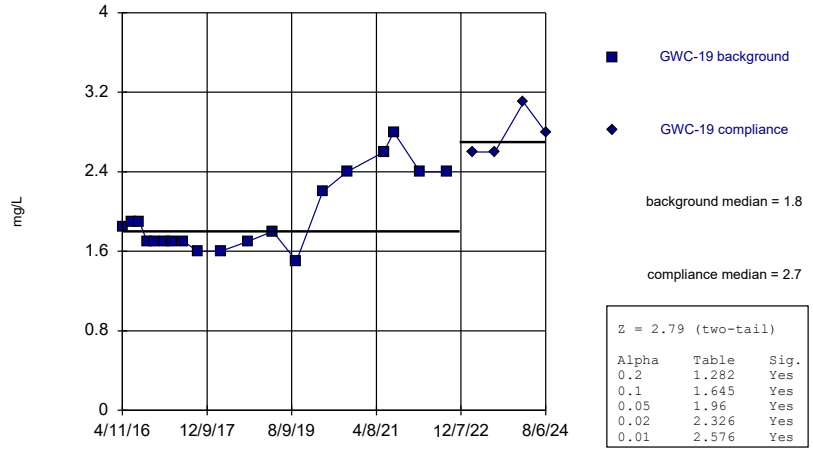
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 2.79 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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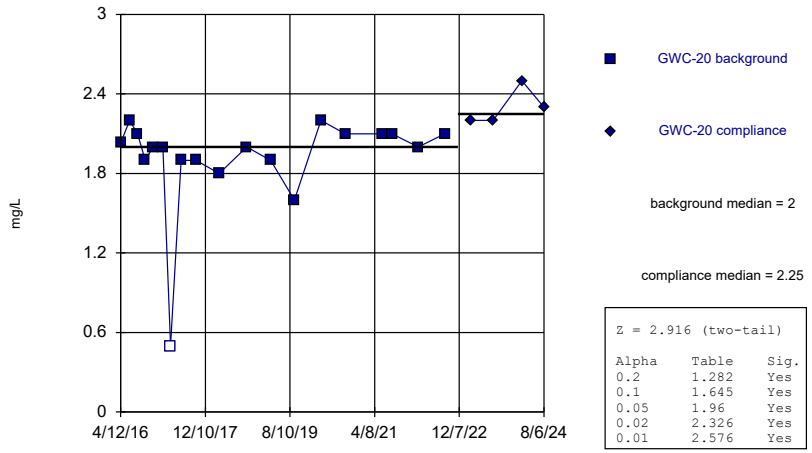
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 2.916 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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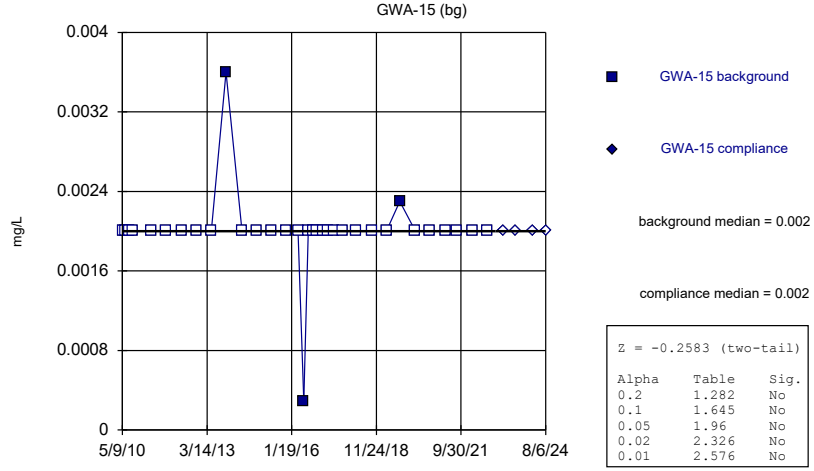
Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -0.2583 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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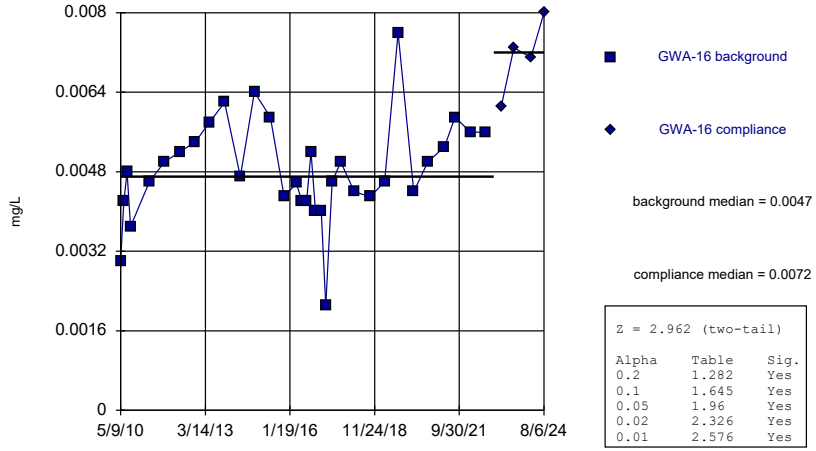
Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 2.962 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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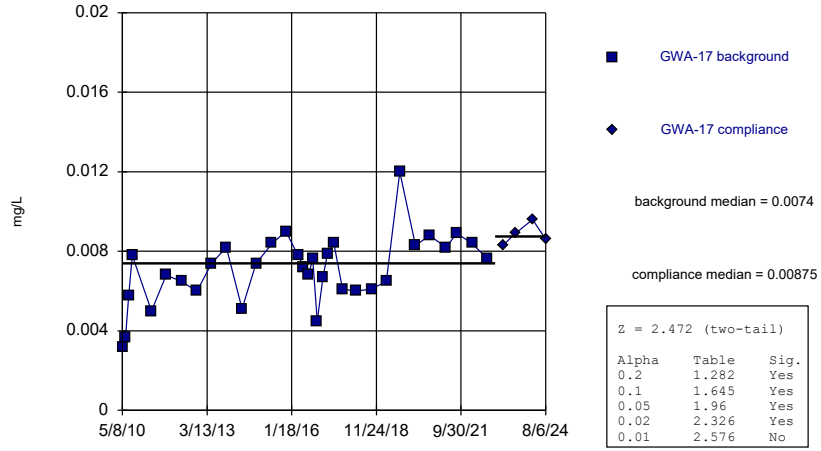
Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 2.472 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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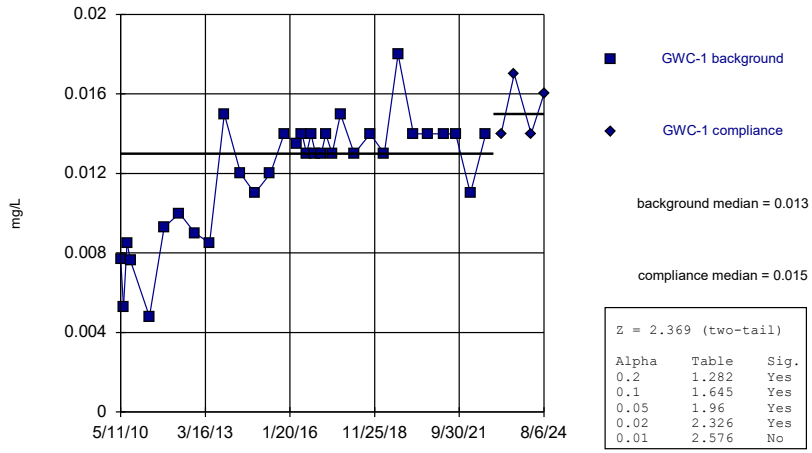
Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 2.369 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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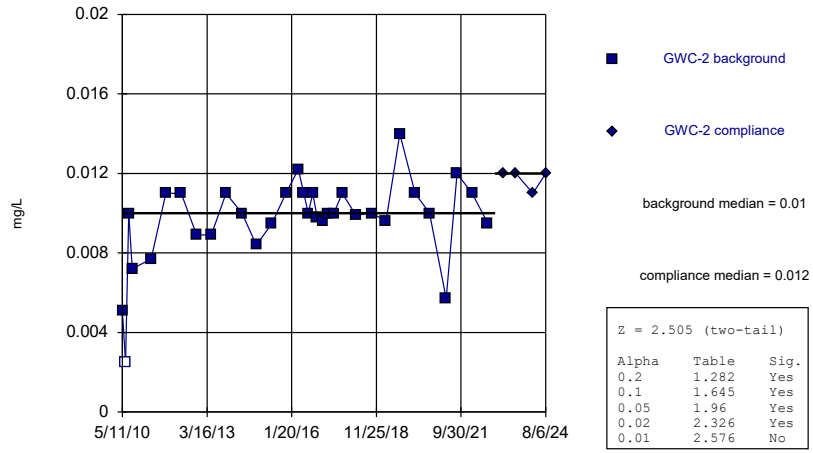
Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 2.505 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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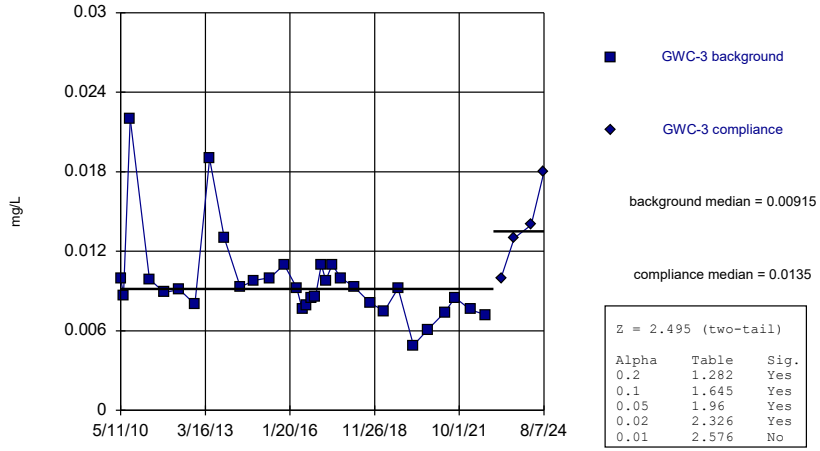
Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 2.495 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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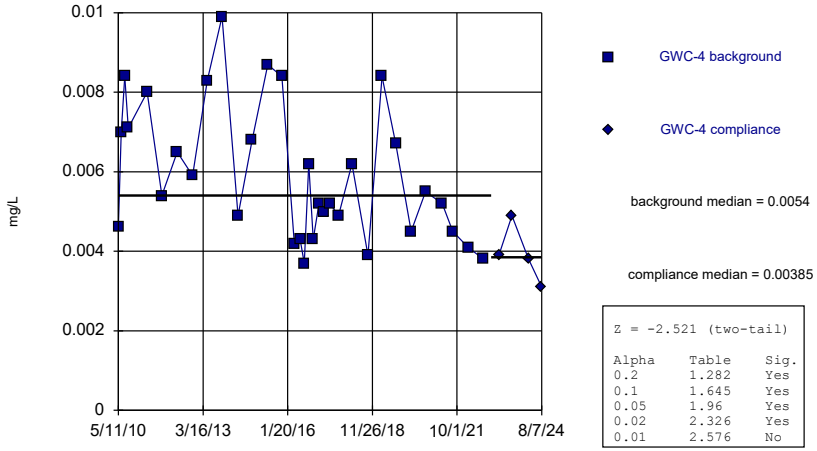
Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -2.521 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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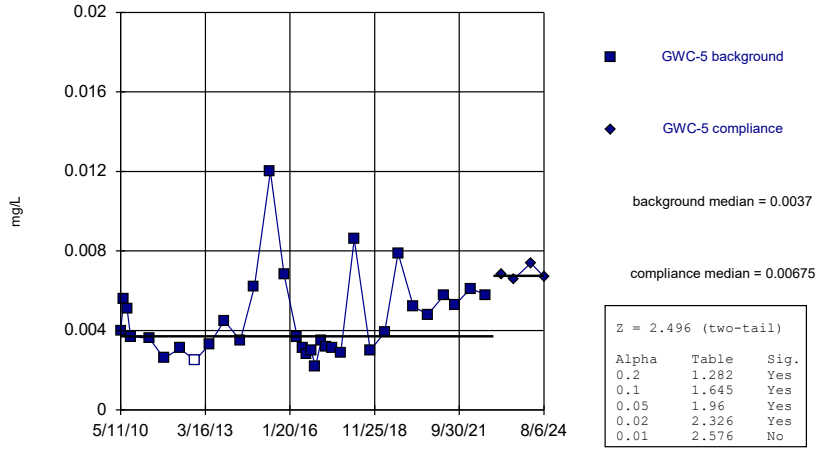
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 2.496 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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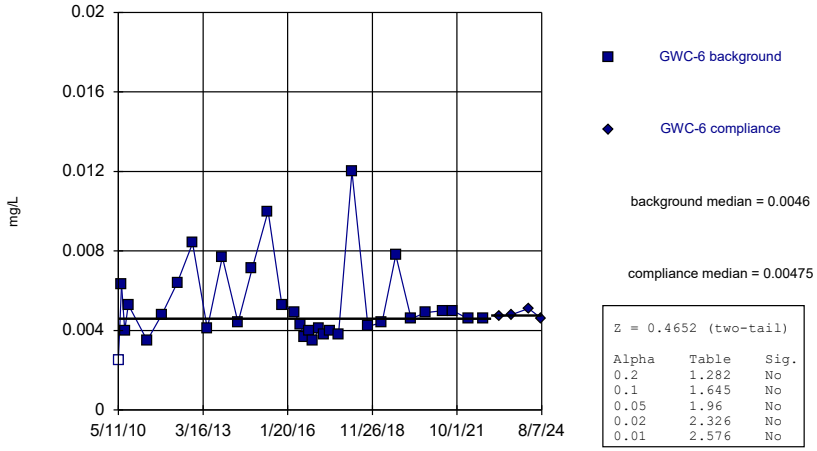
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.4652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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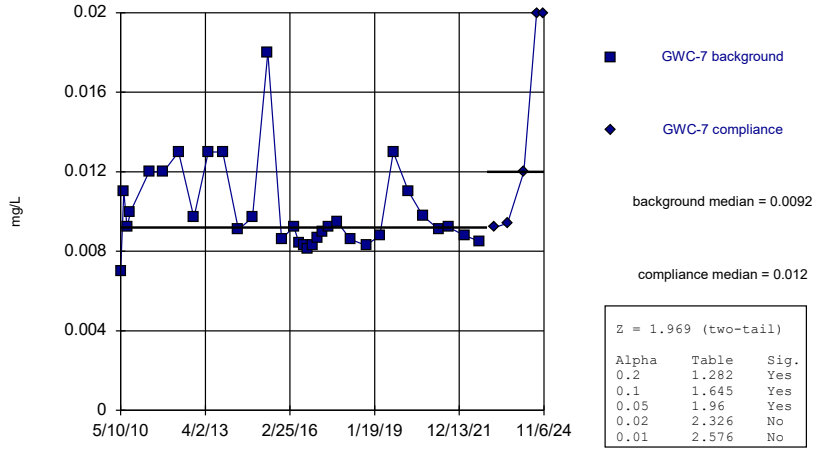
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 1.969 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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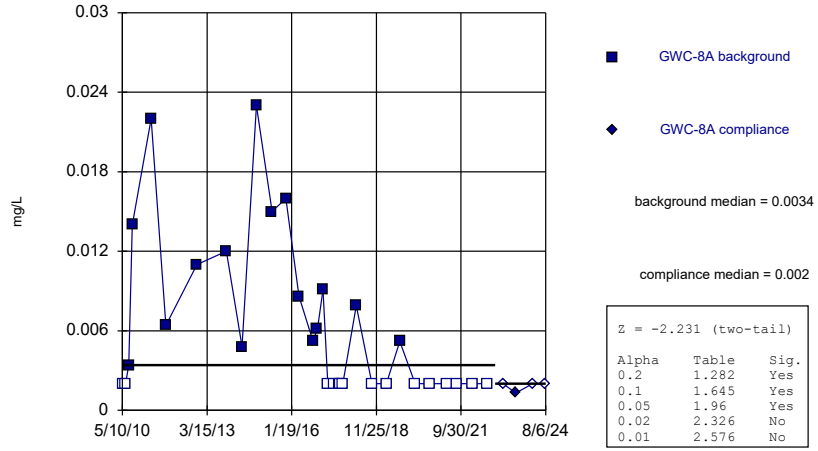
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -2.231 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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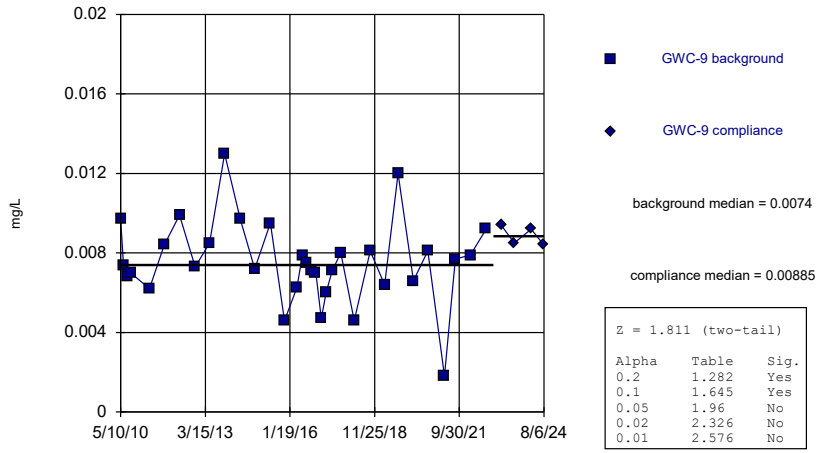
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 1.811 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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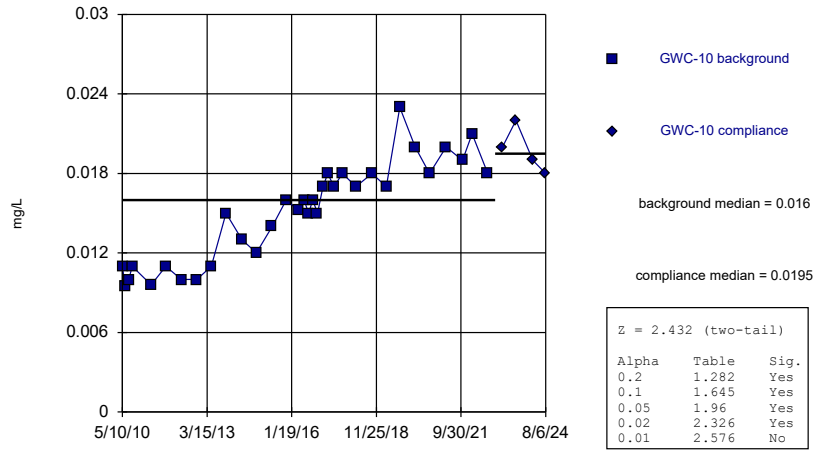
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 2.432 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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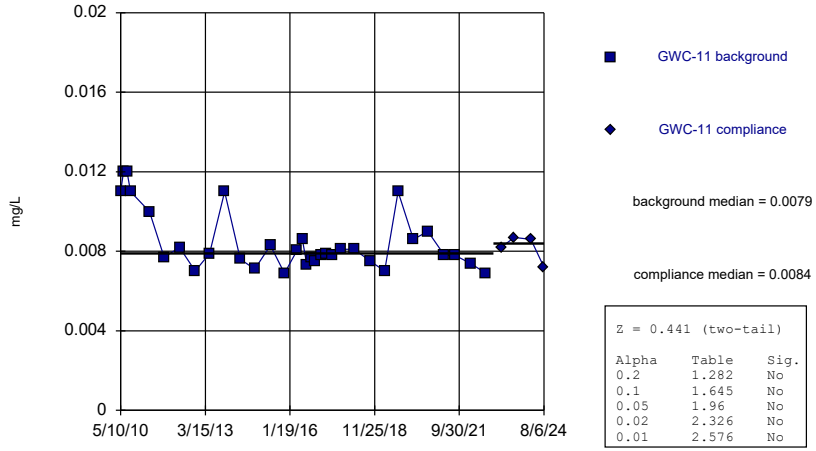
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.441 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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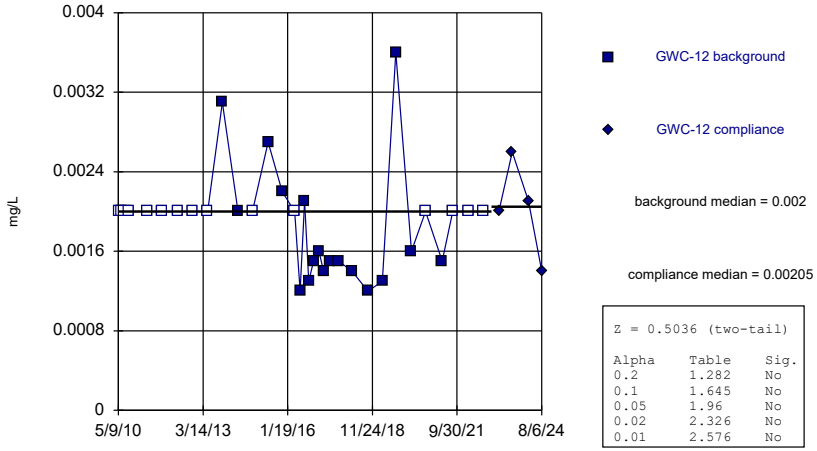
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.5036 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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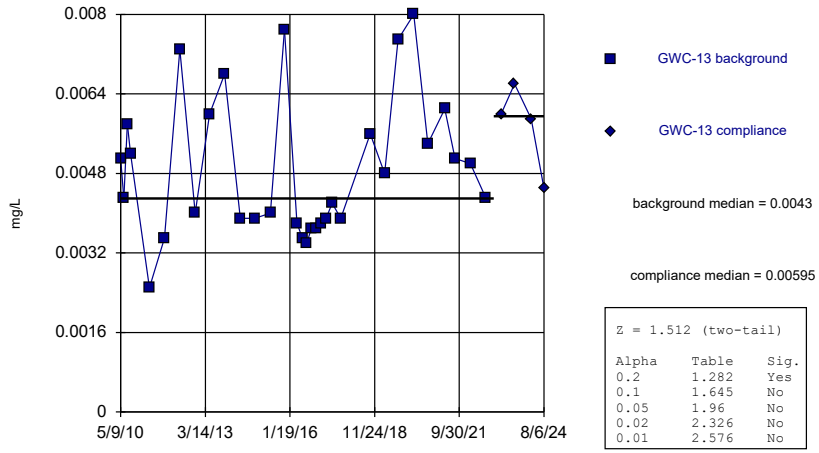
Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 1.512 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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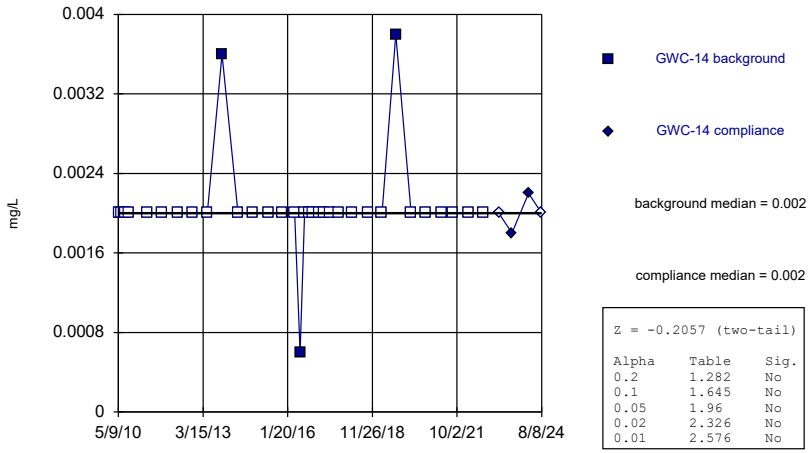
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -0.2057 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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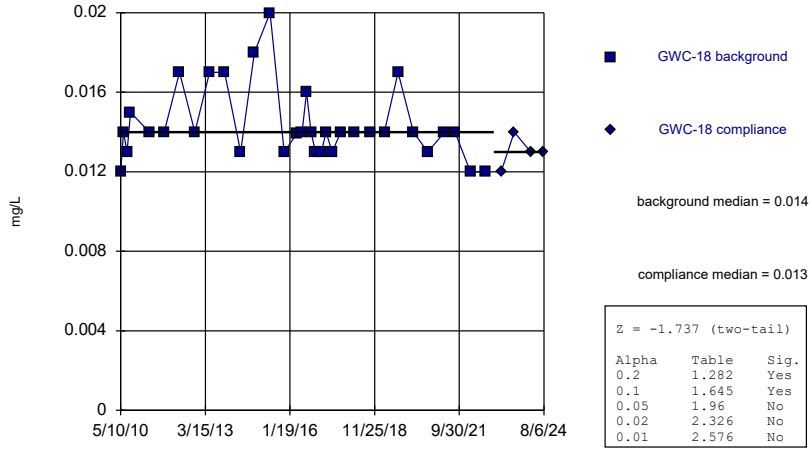
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = -1.737 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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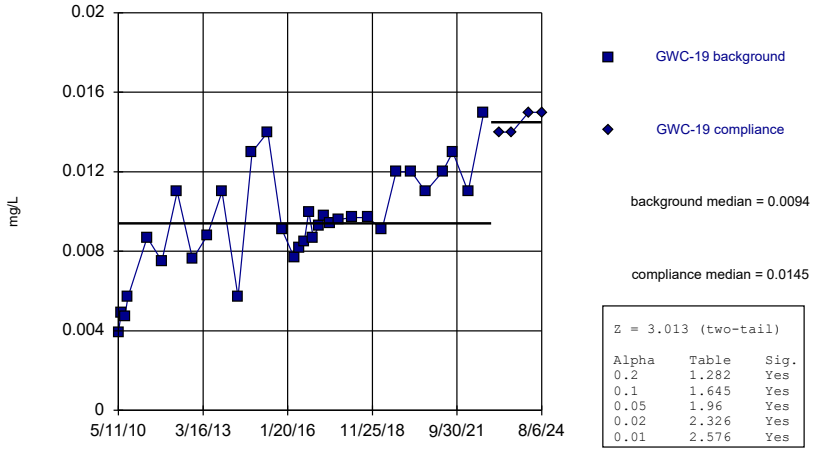
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 3.013 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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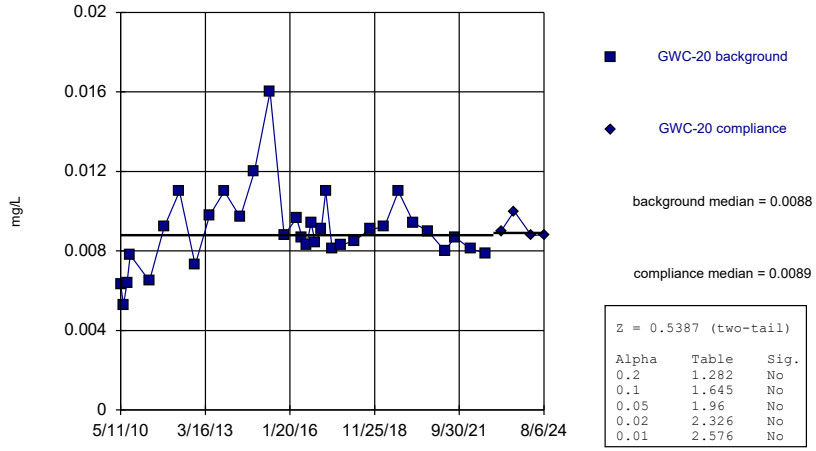
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.5387 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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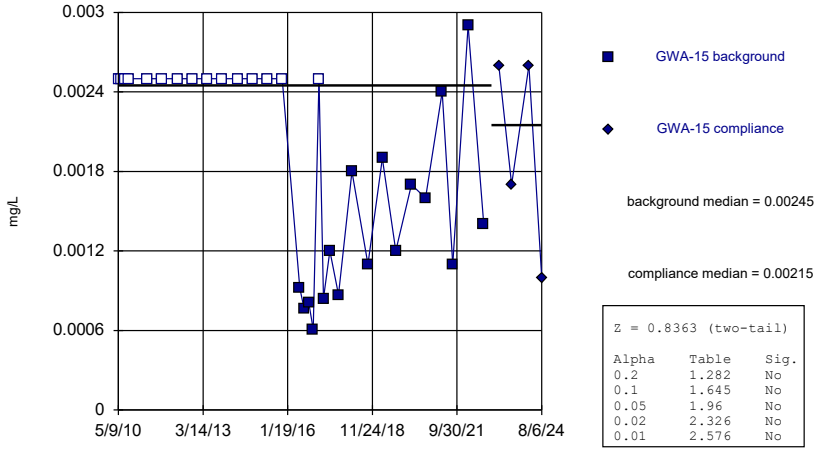
Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.8363 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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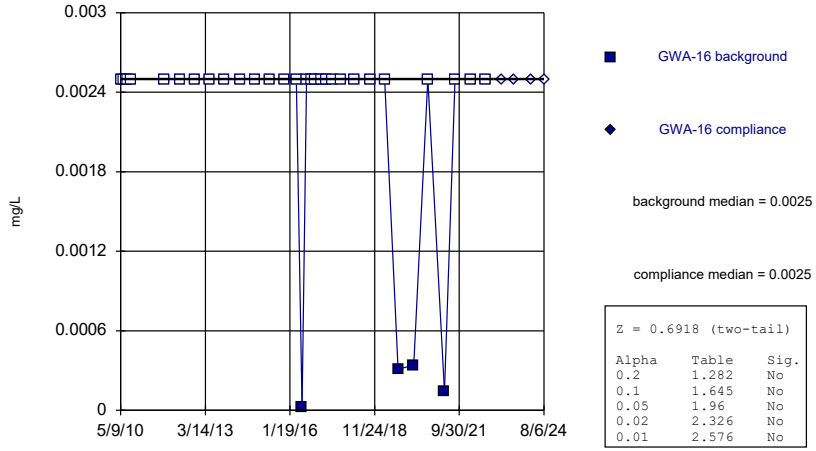
Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.6918 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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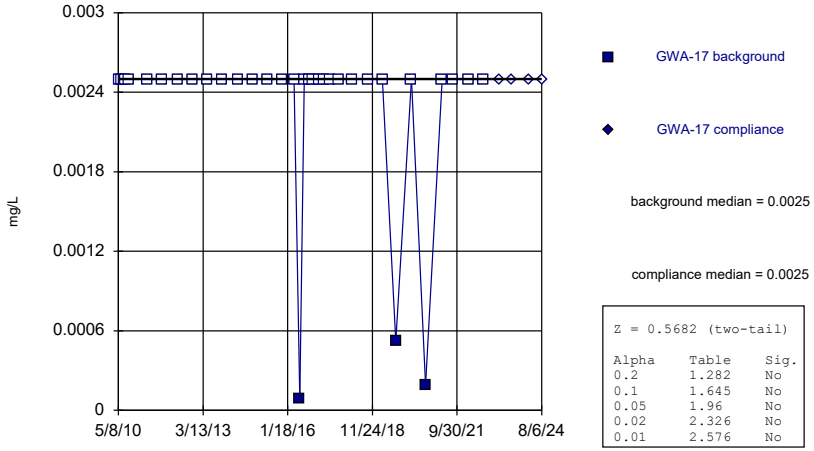
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.5682 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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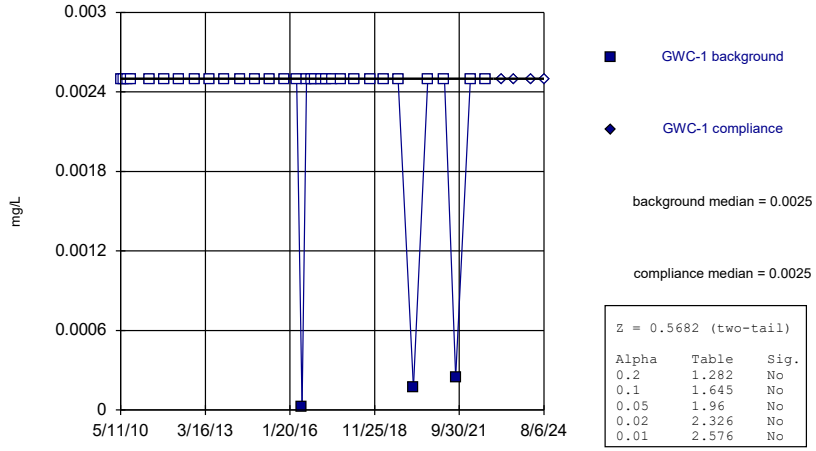
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.5682 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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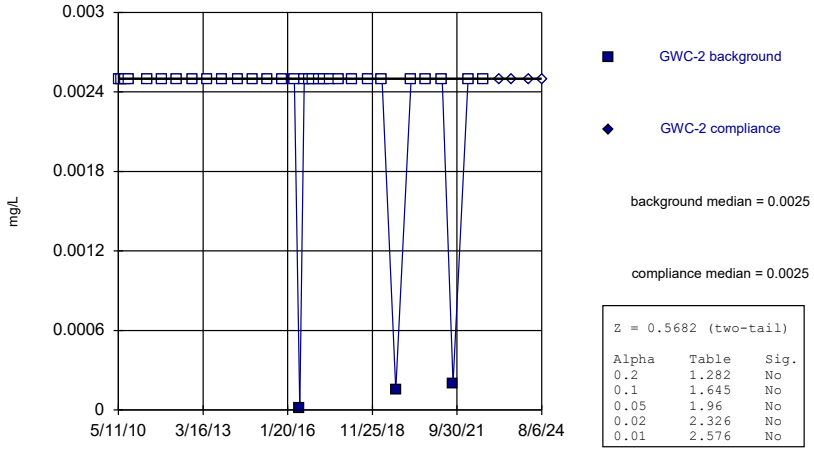
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.5682 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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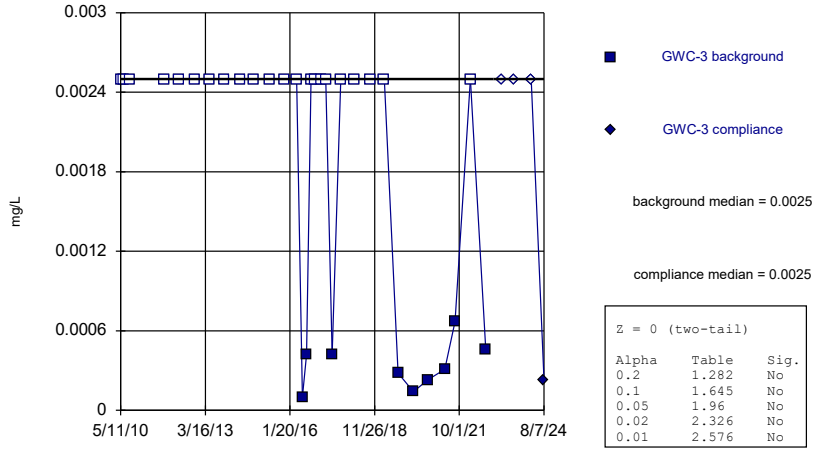
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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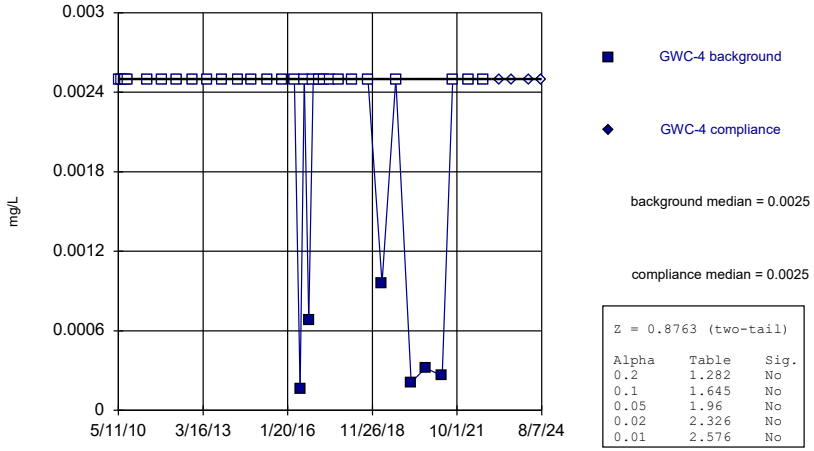
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.8763 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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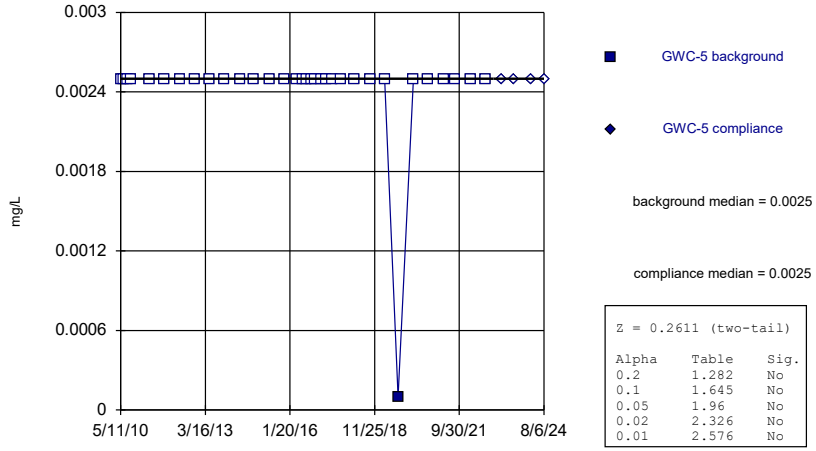
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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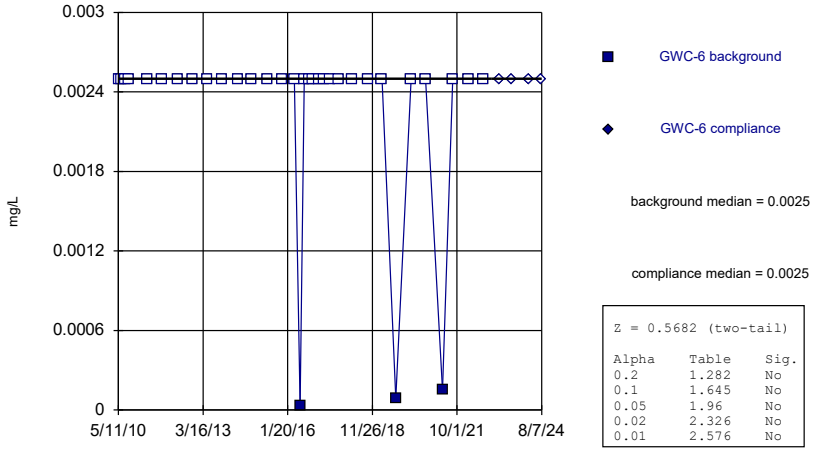
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.5682 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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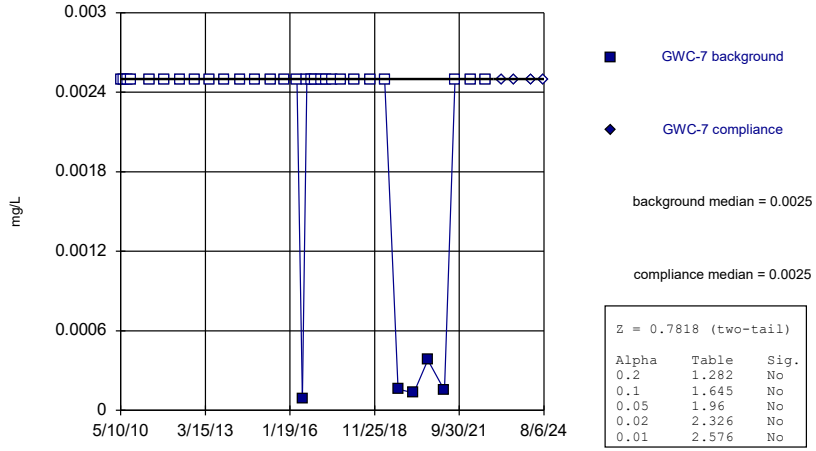
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.7818 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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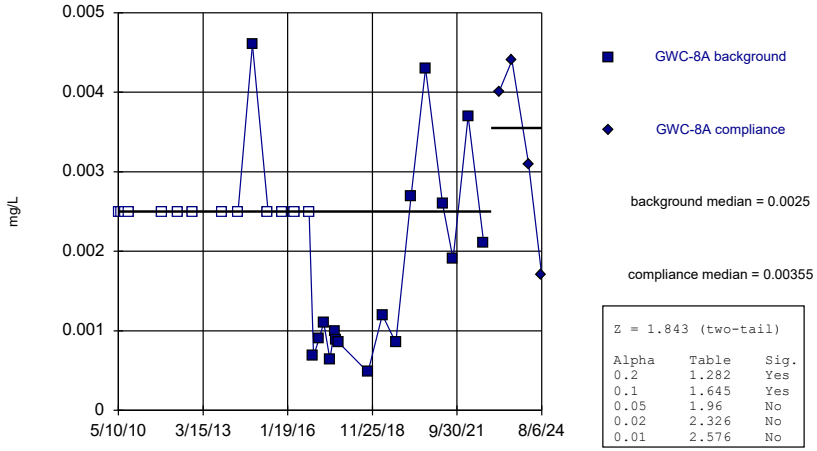
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 1.843 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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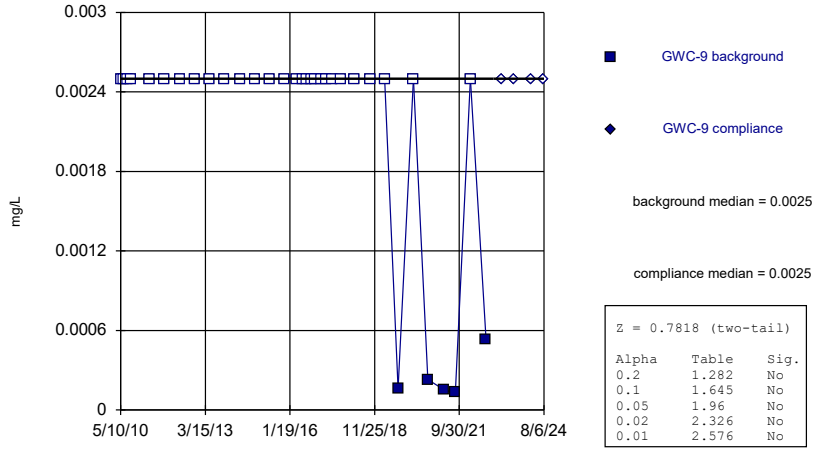
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.7818 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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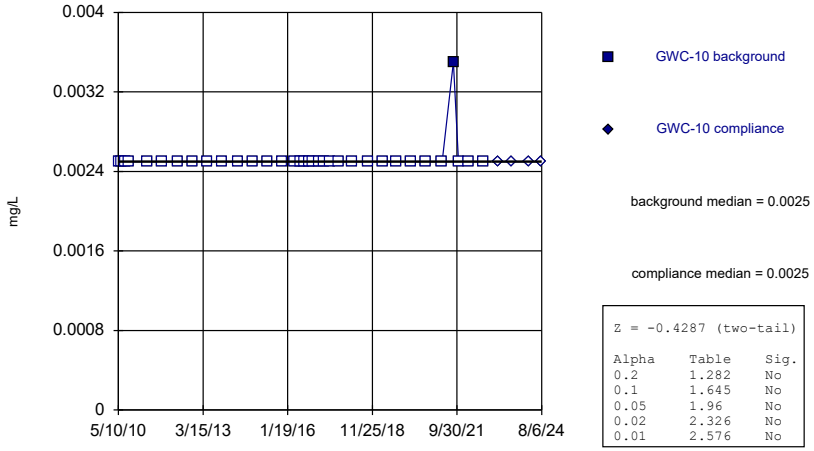
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.4287 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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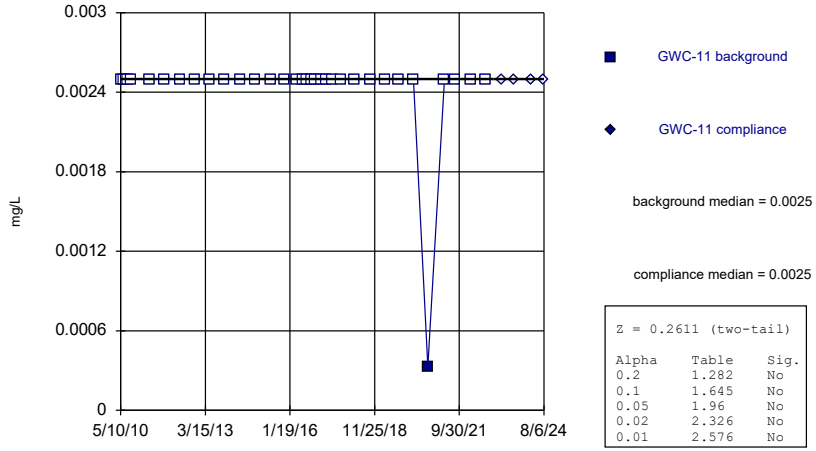
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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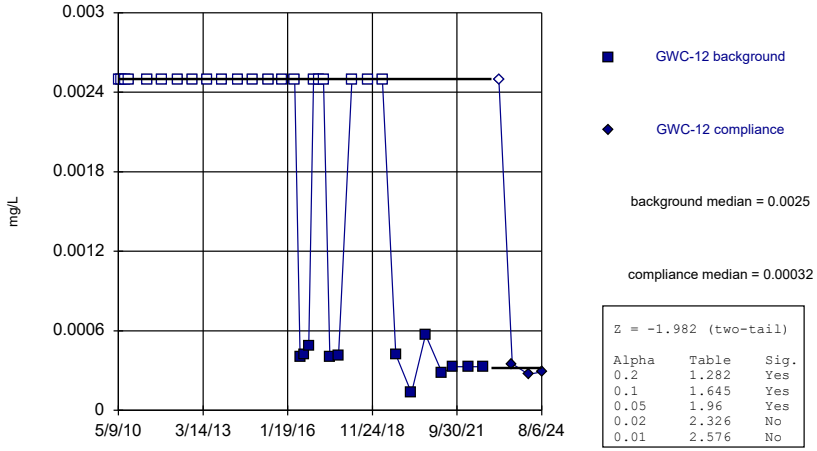
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -1.982 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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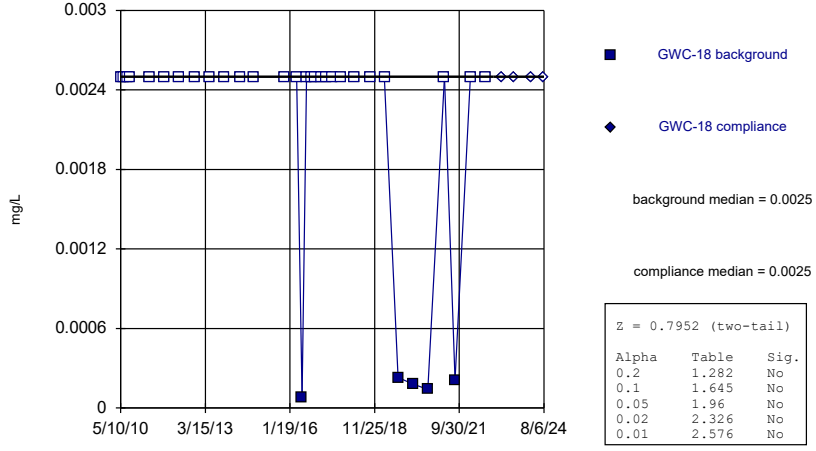
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.7952 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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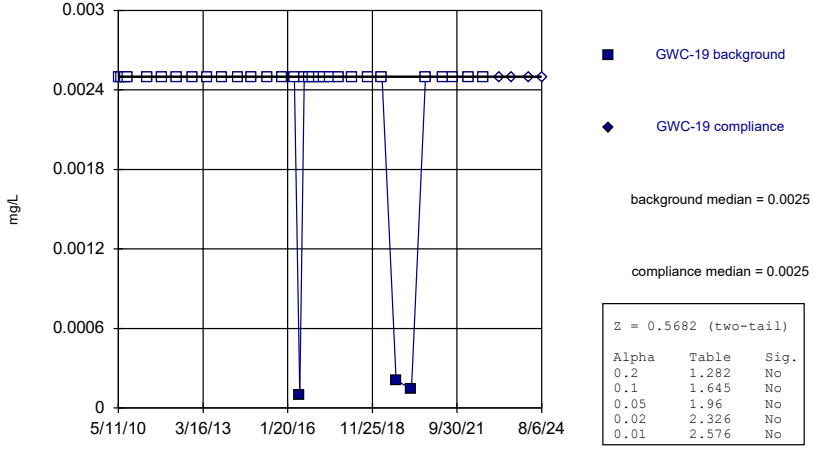
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.5682 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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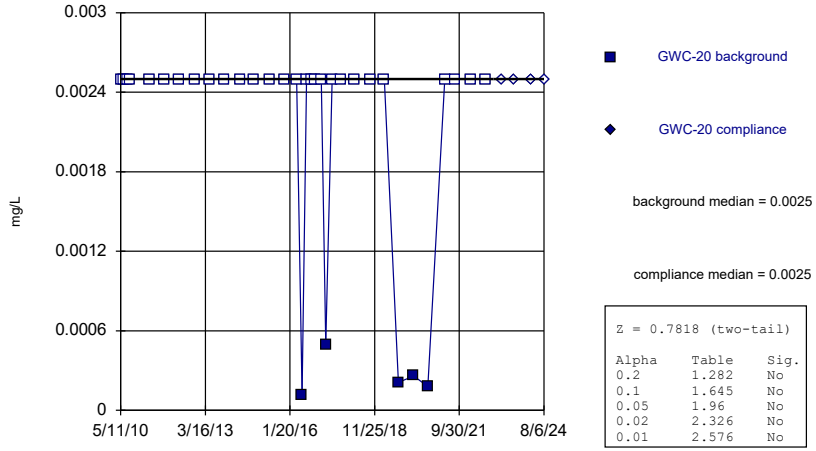
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.7818 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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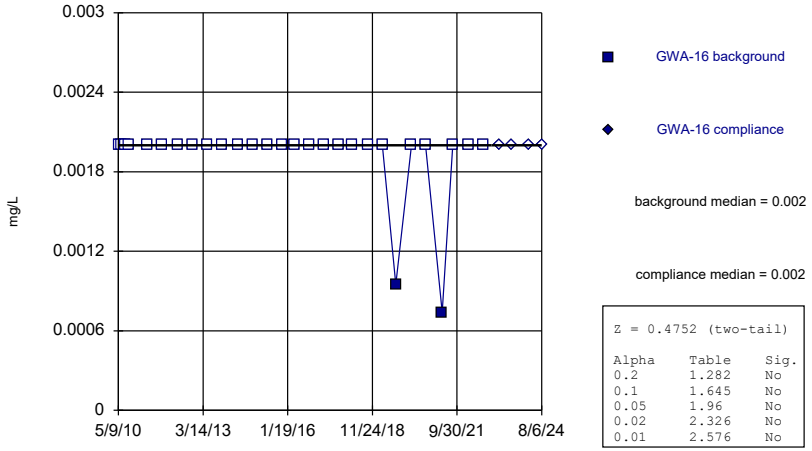
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.4752 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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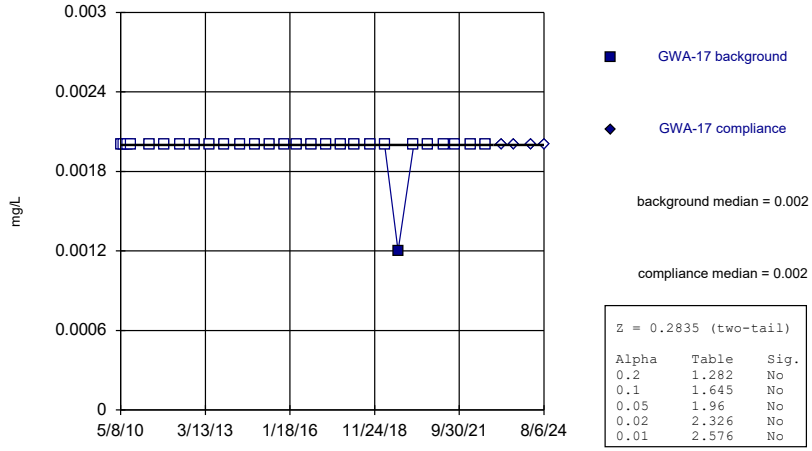
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.2835 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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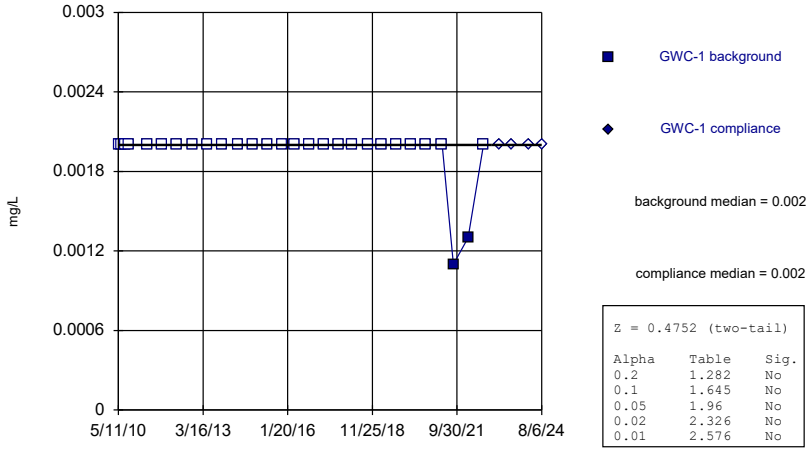
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.4752 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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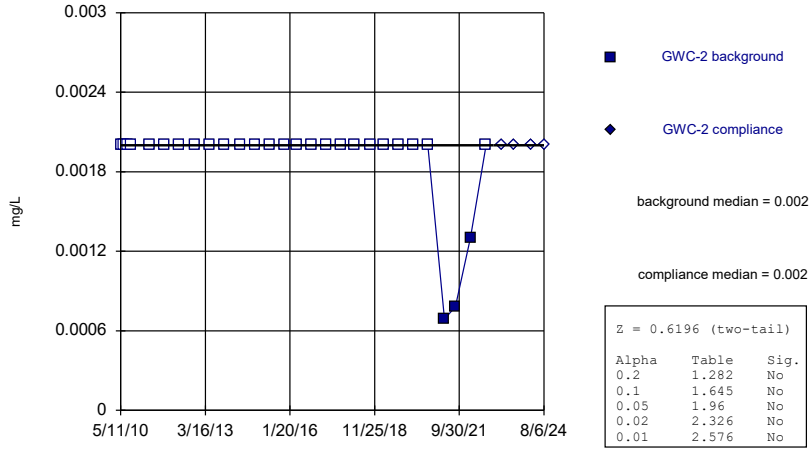
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.6196 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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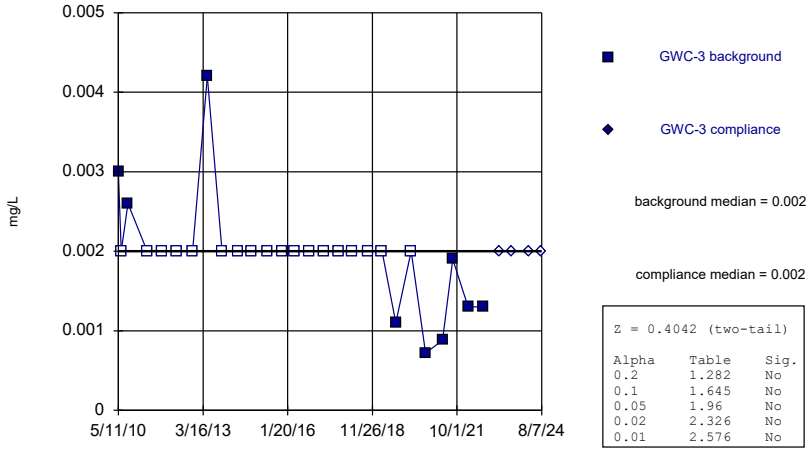
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.4042 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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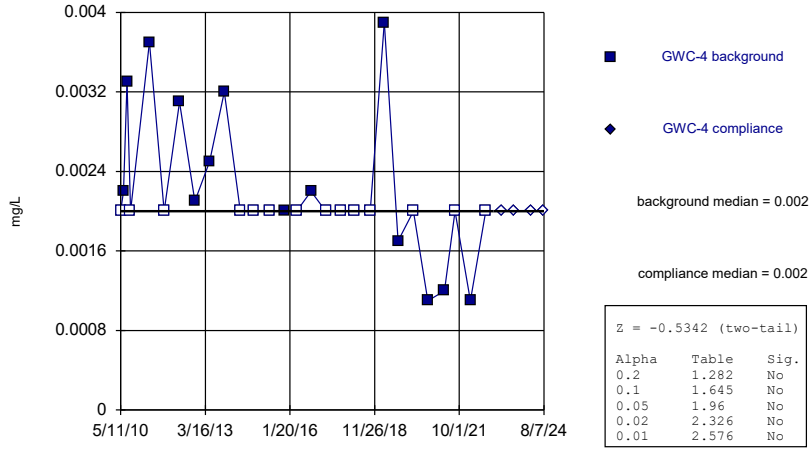
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -0.5342 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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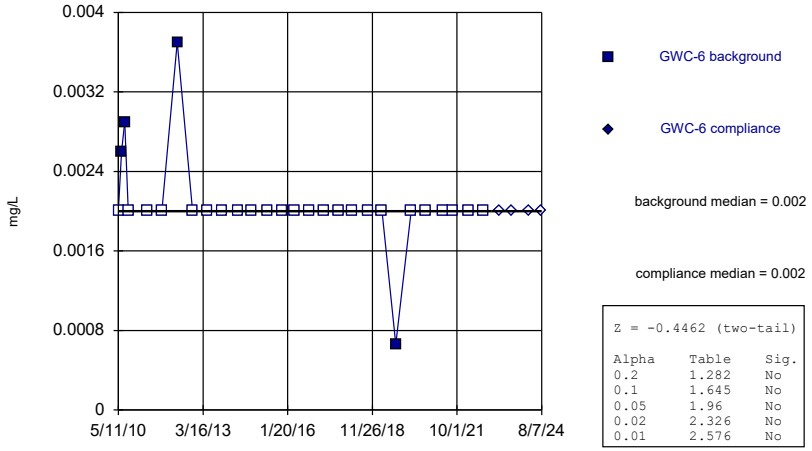
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -0.4462 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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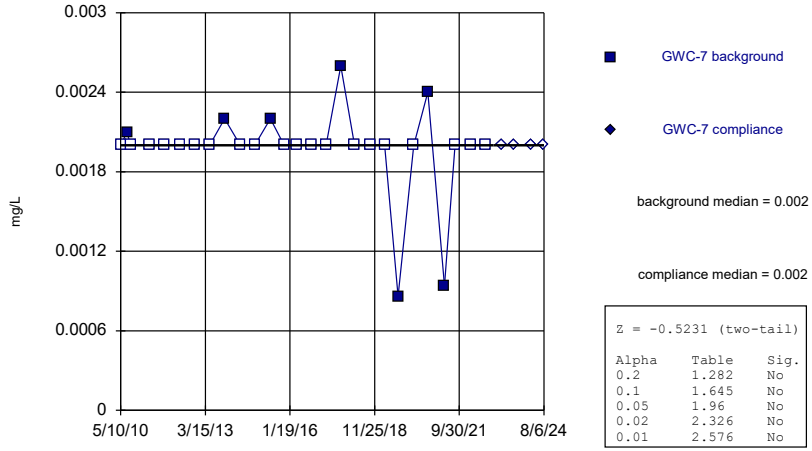
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = -0.5231 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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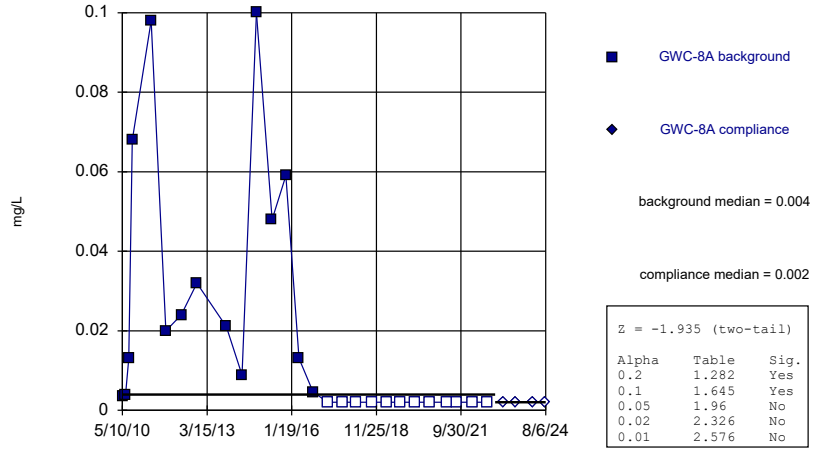
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -1.935 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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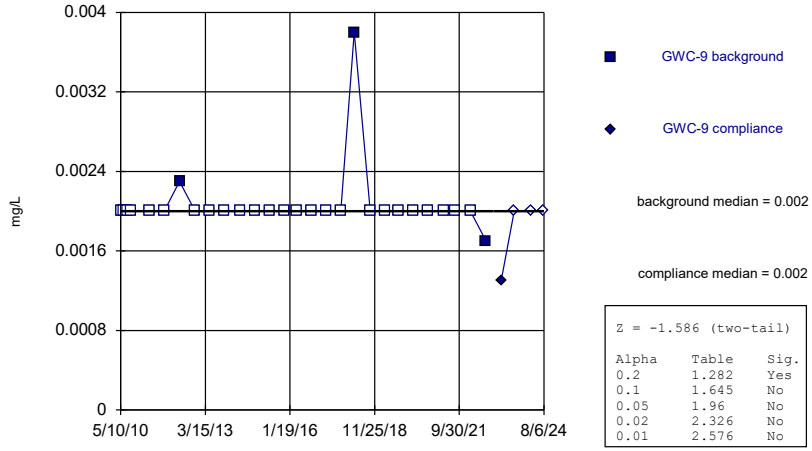
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -1.586 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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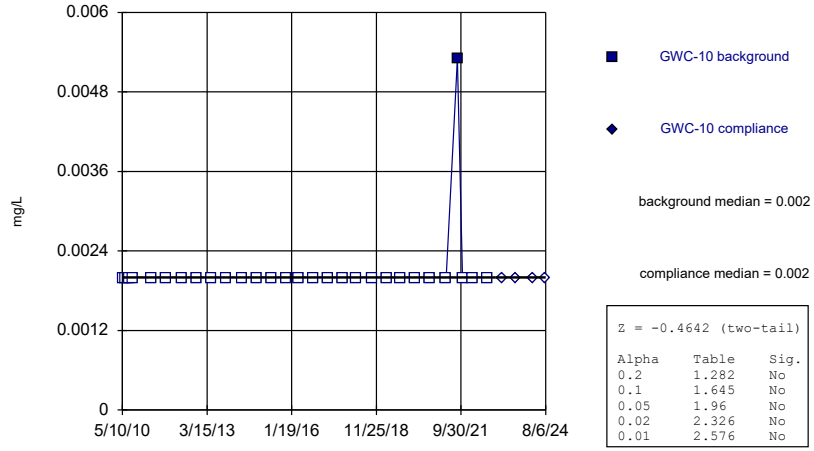
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.4642 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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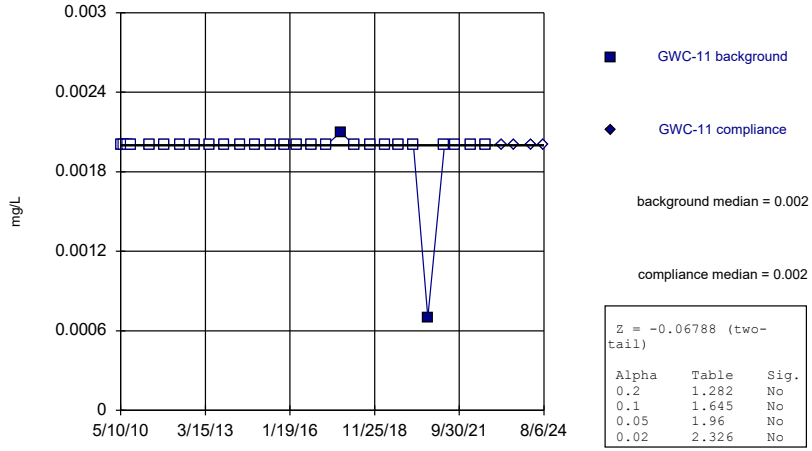
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -0.06788 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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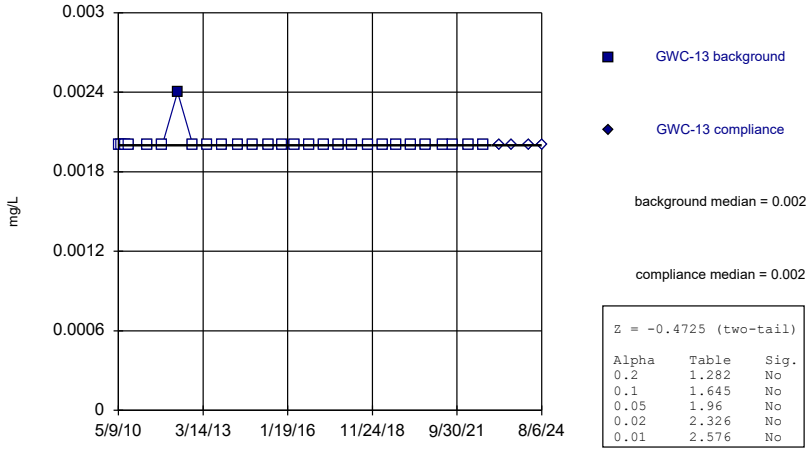
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -0.4725 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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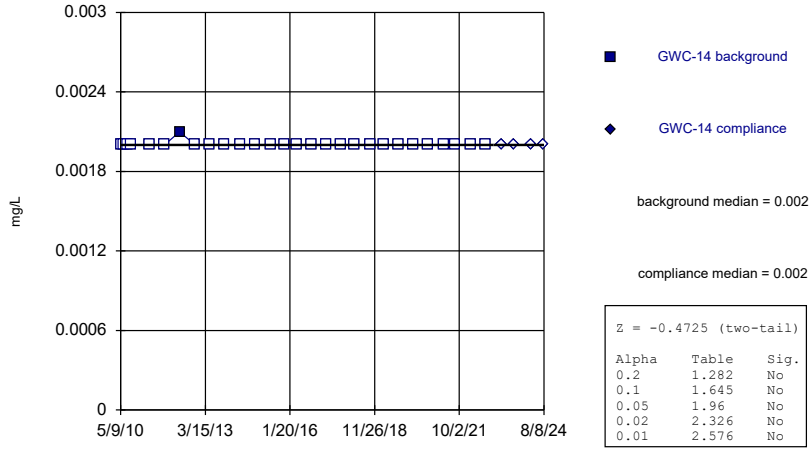
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -0.4725 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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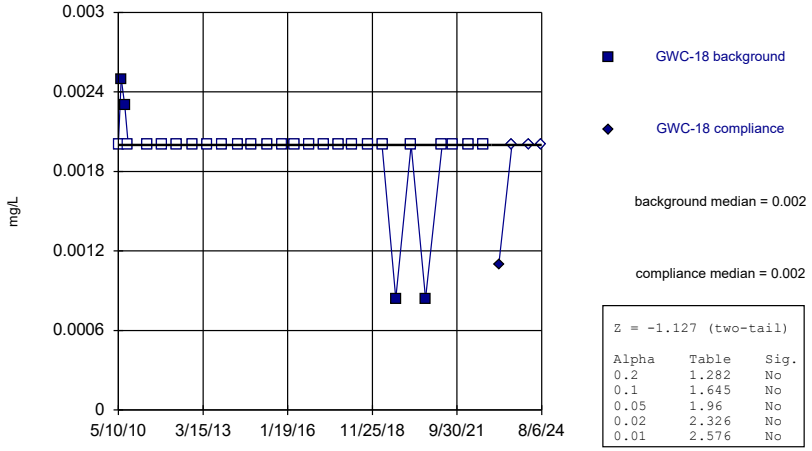
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = -1.127 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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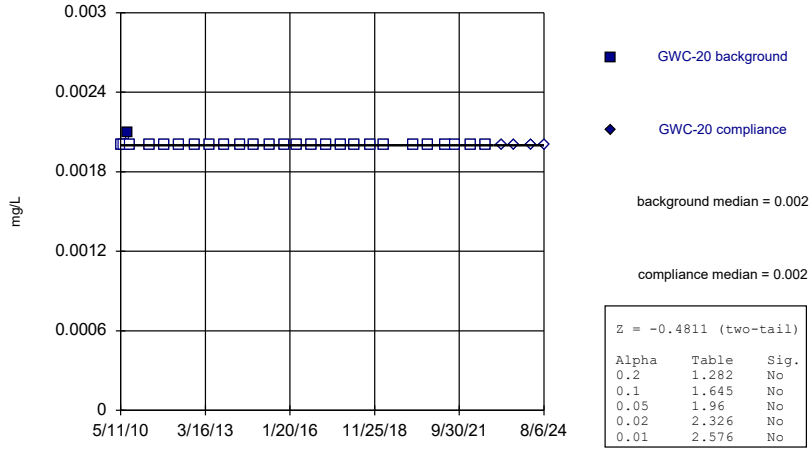
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -0.4811 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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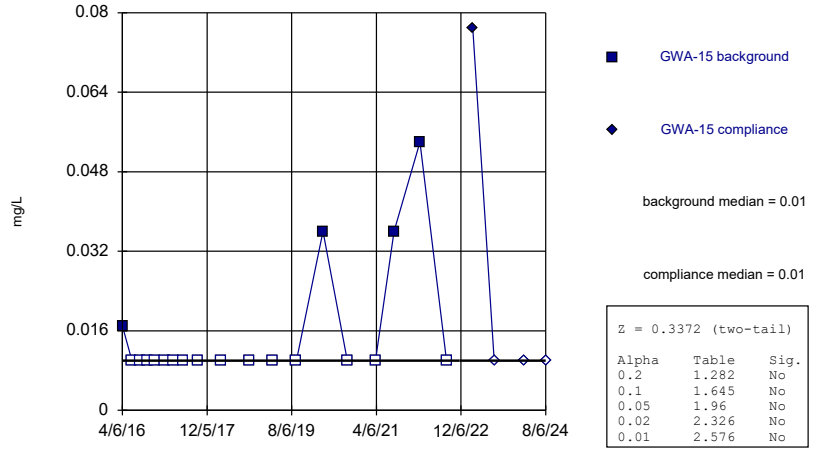
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.3372 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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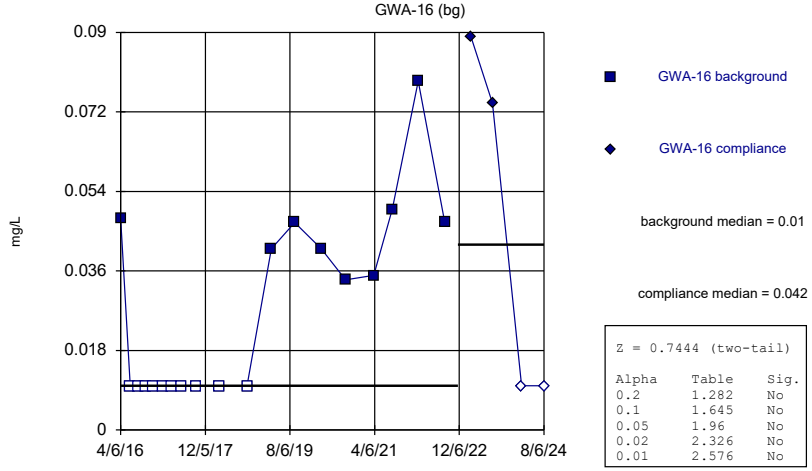
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.7444 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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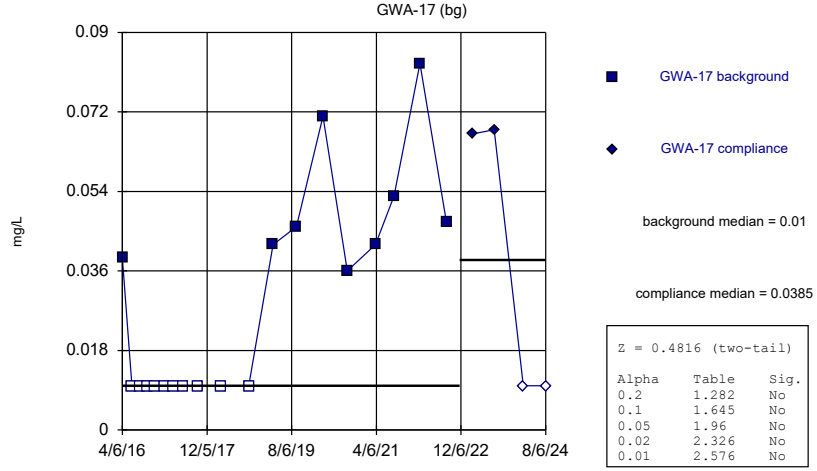
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.4816 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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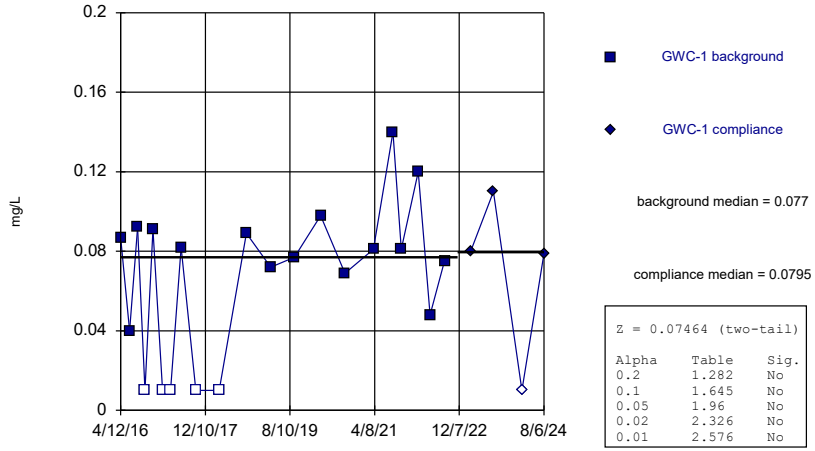
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.07464 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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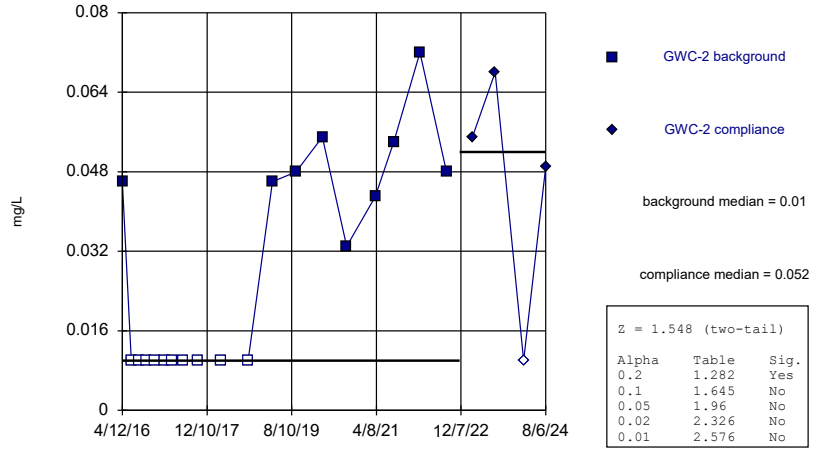
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 1.548 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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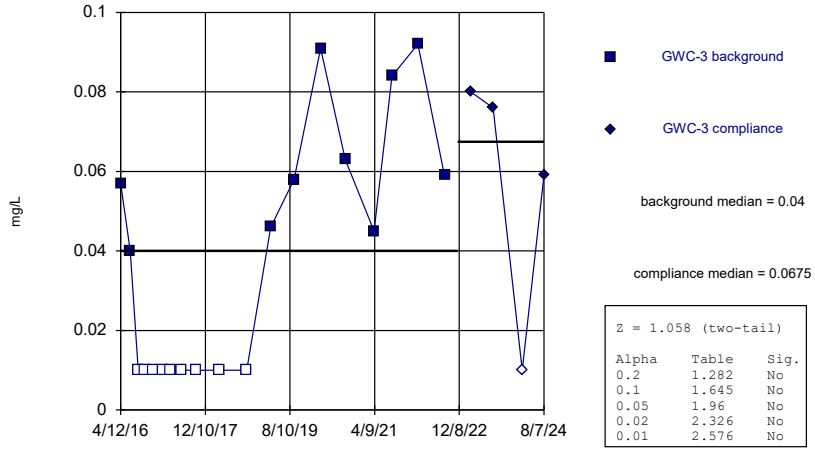
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 1.058 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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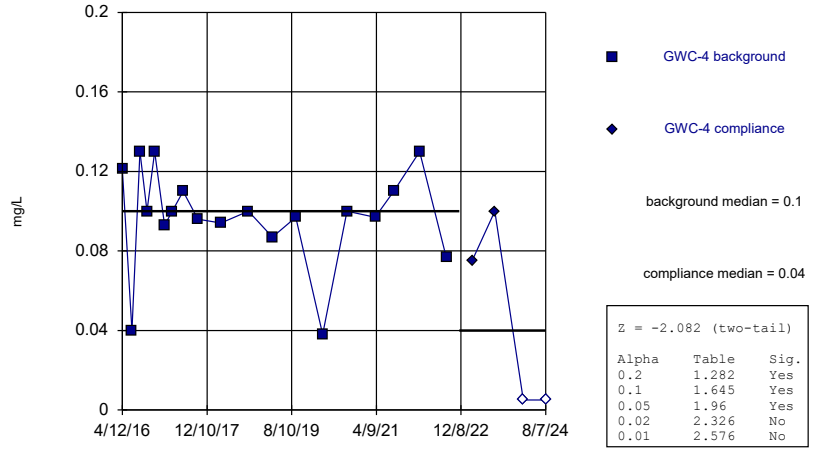
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -2.082 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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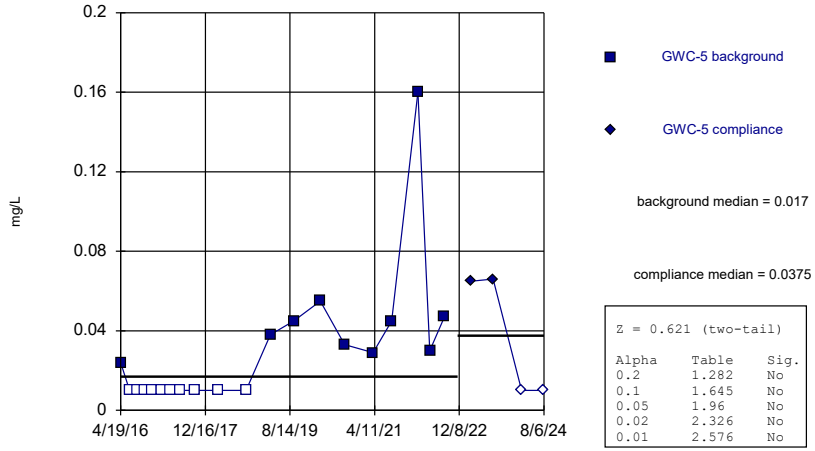
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.621 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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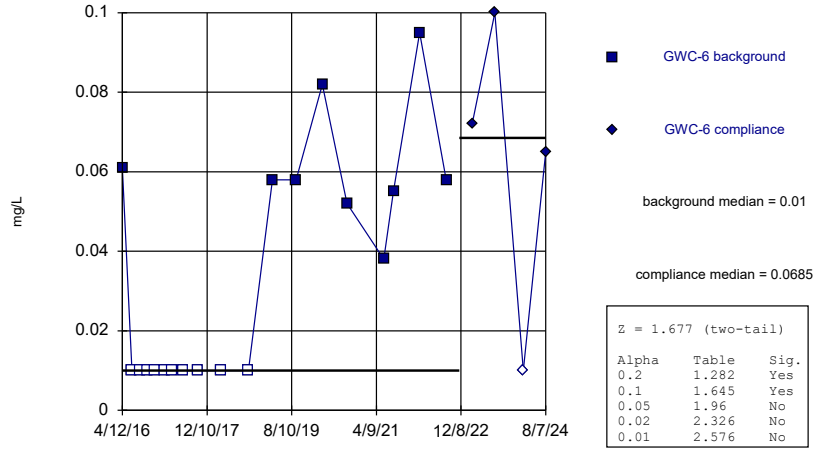
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 1.677 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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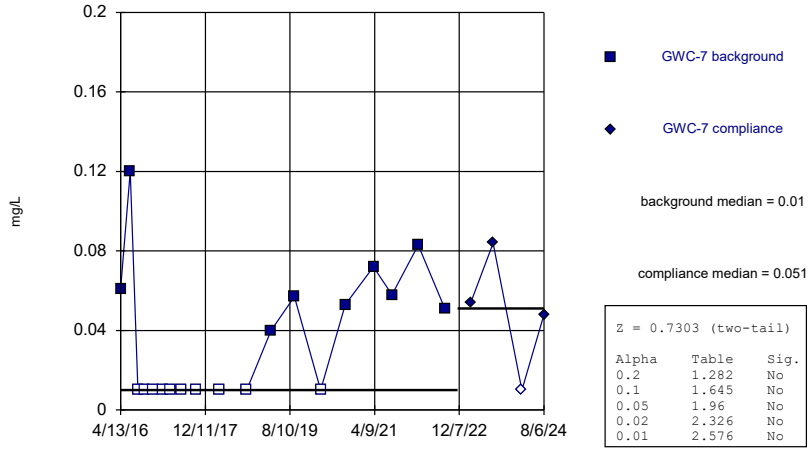
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.7303 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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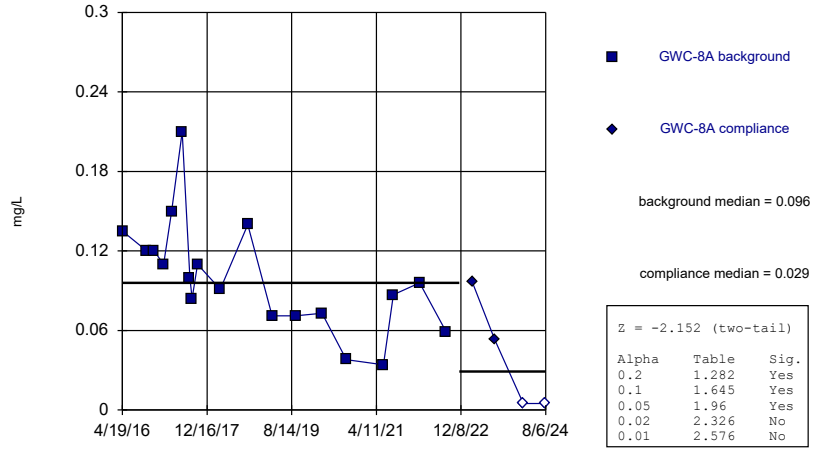
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -2.152 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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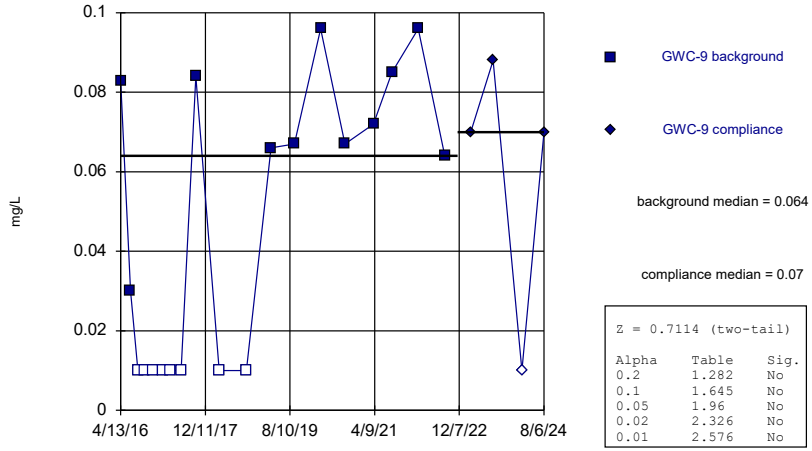
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



background median = 0.064

compliance median = 0.07

Z = 0.7114 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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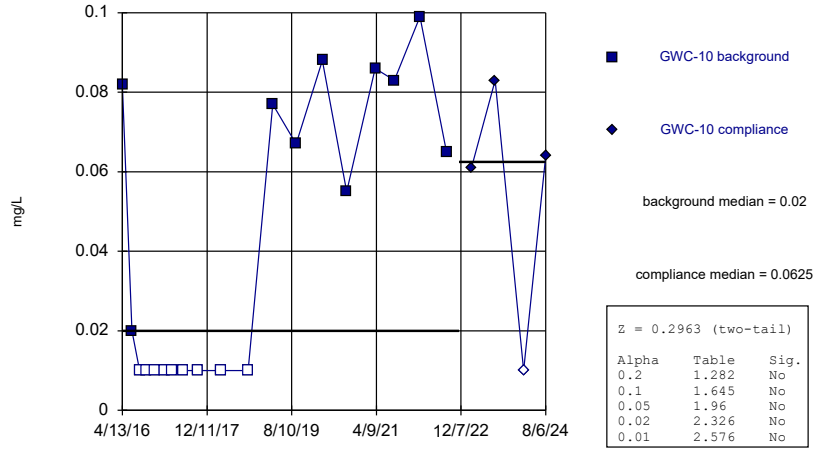
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



background median = 0.02

compliance median = 0.0625

Z = 0.2963 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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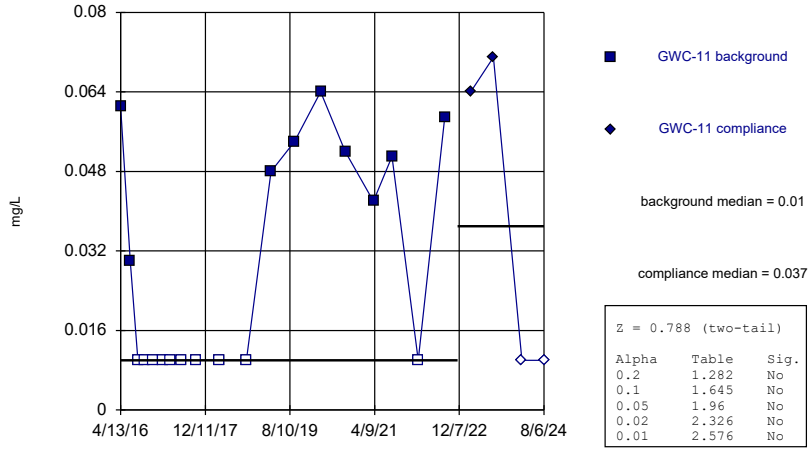
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



background median = 0.01

compliance median = 0.037

Z = 0.788 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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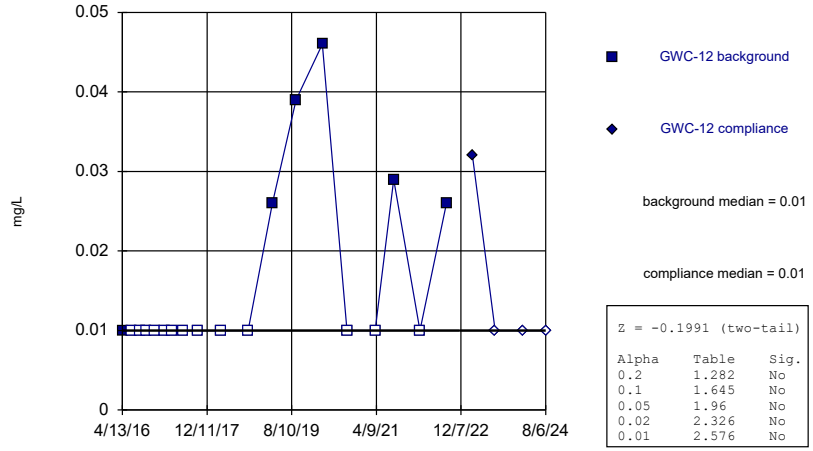
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



background median = 0.01

compliance median = 0.01

Z = -0.1991 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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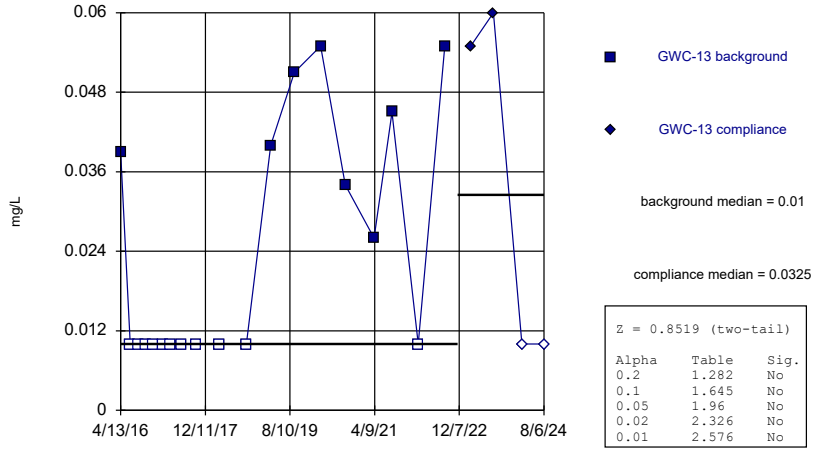
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.8519 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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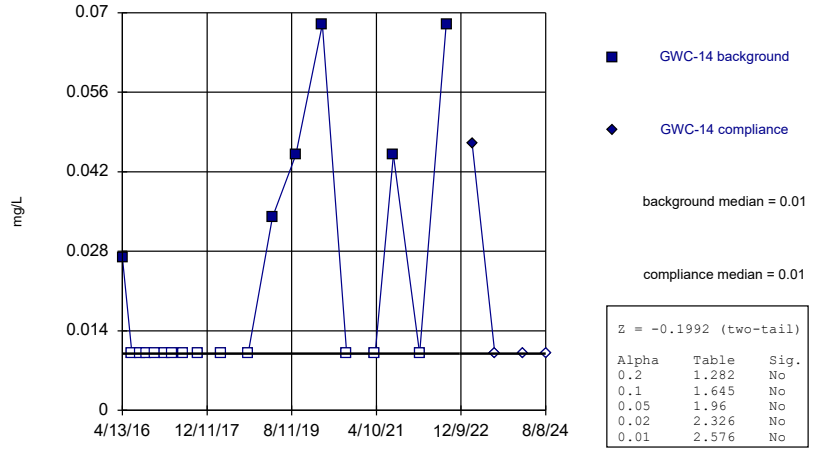
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -0.1992 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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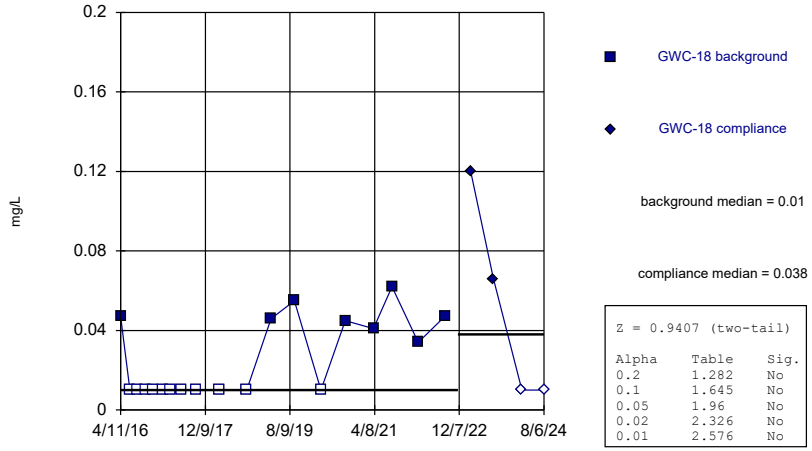
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.9407 (two-tail)

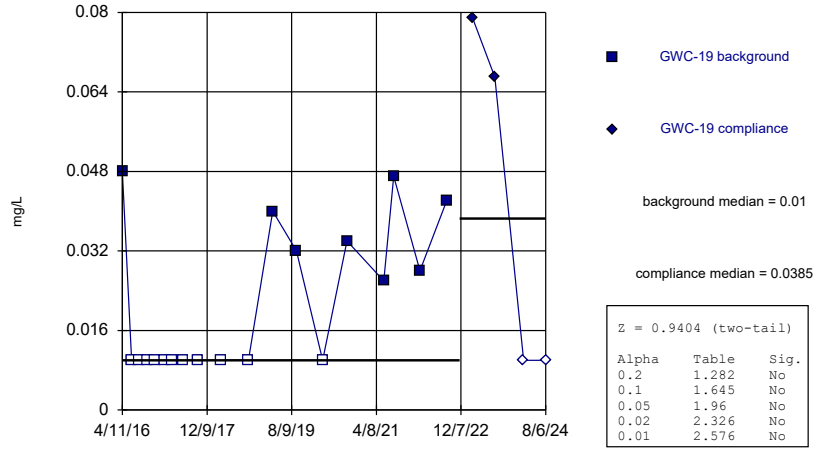
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.9404 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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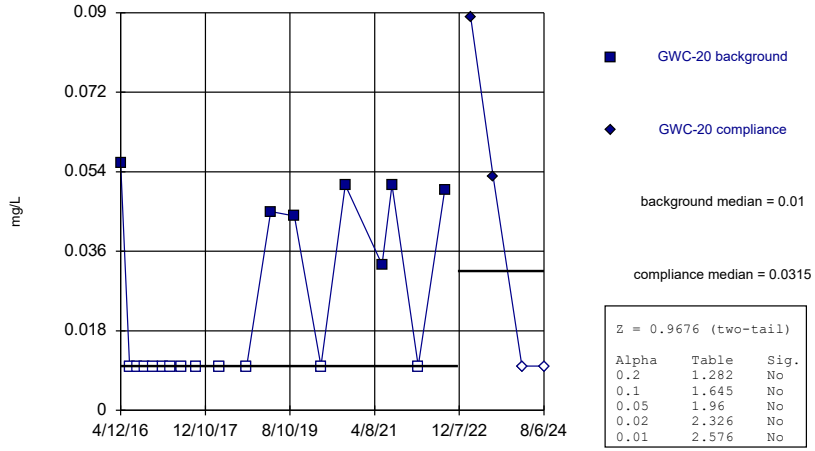
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.9676 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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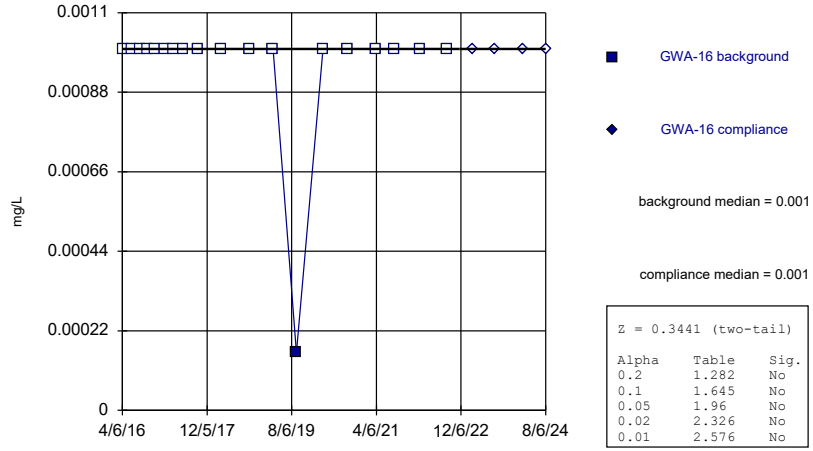
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.3441 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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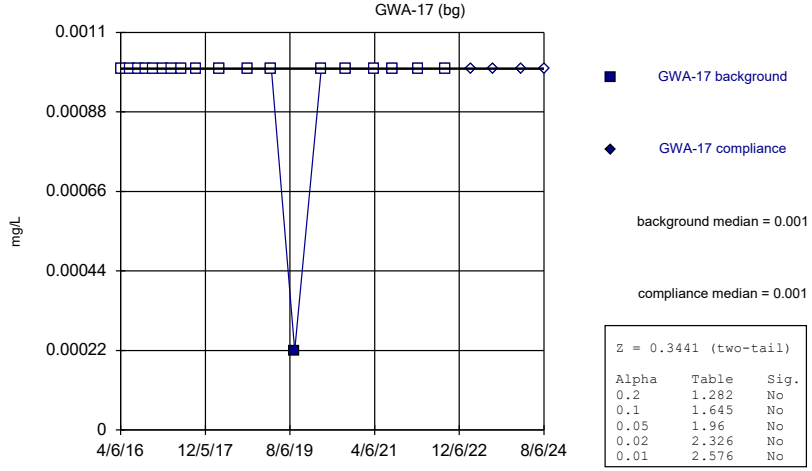
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.3441 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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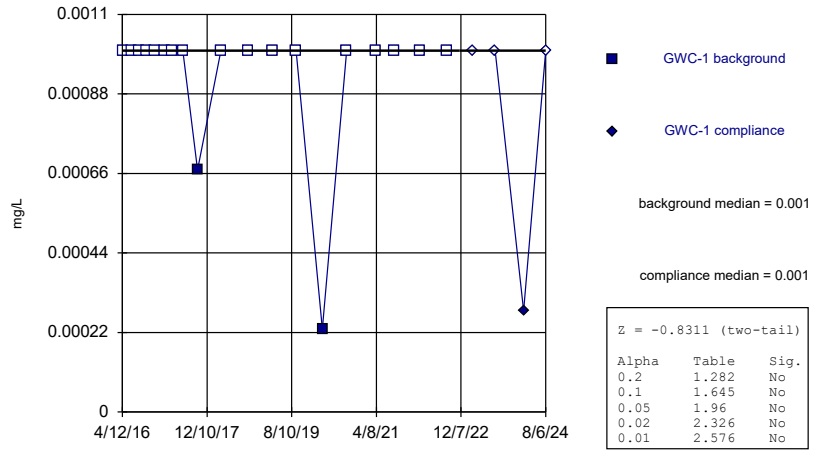
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -0.8311 (two-tail)

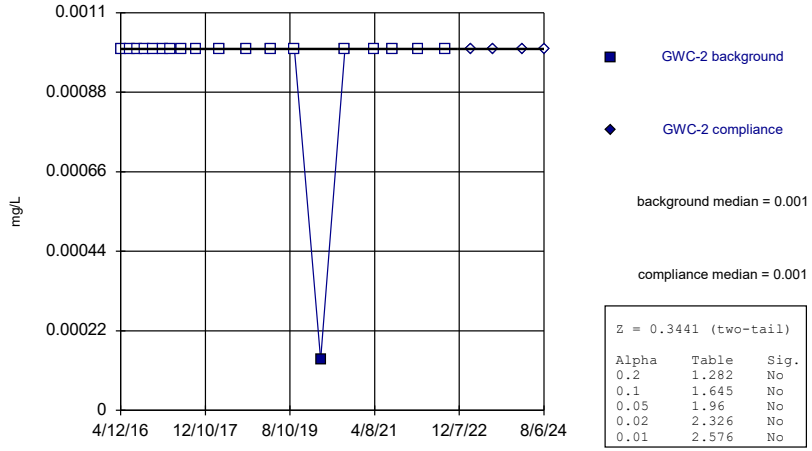
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.3441 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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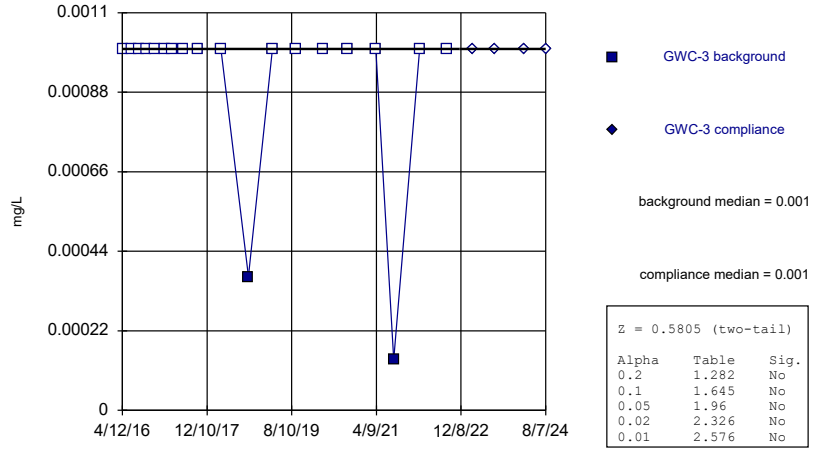
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.5805 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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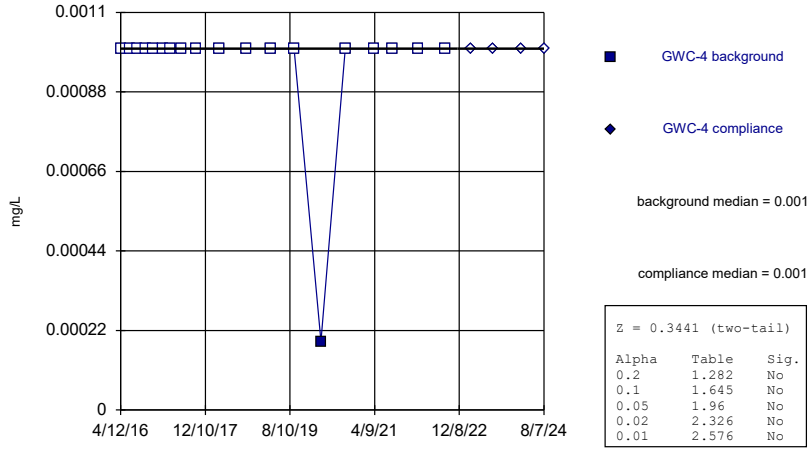
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.3441 (two-tail)

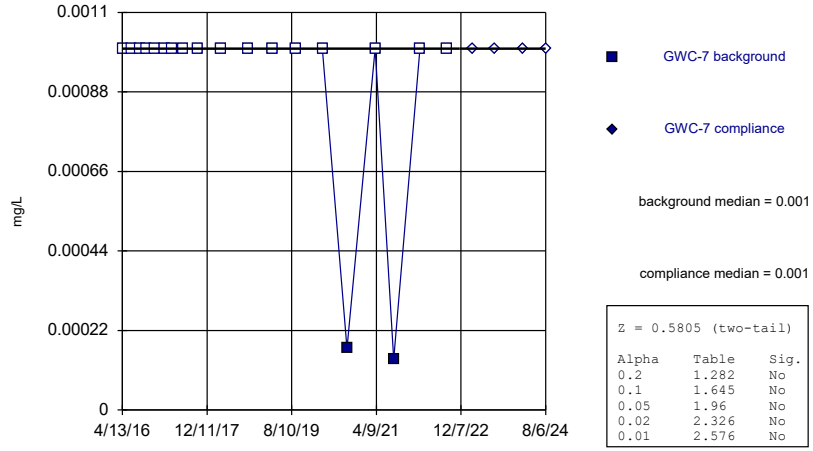
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.5805 (two-tail)

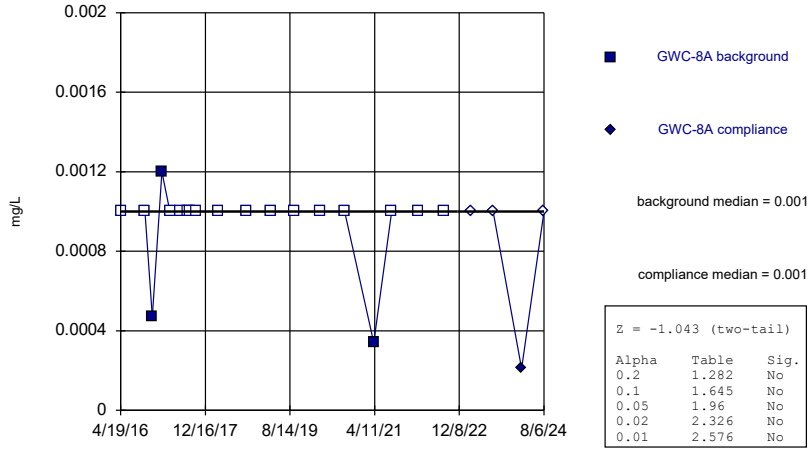
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -1.043 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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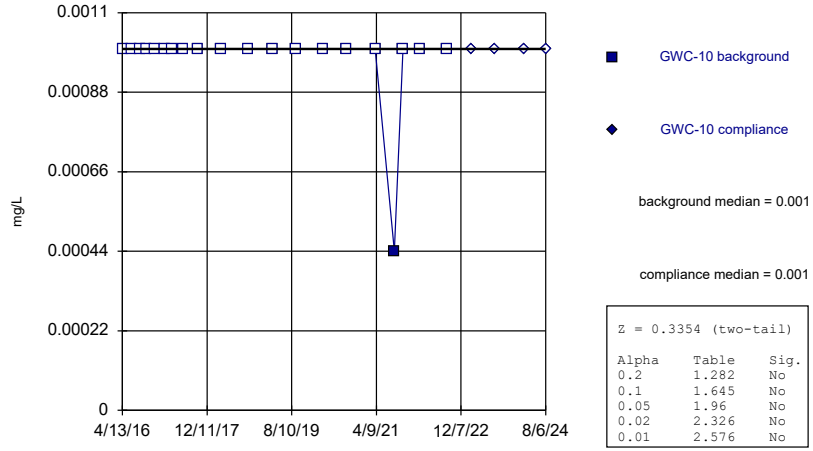
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.3354 (two-tail)

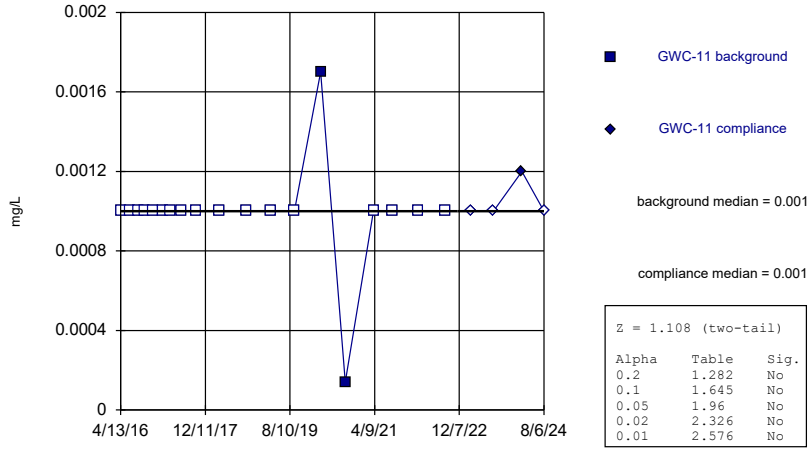
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 1.108 (two-tail)

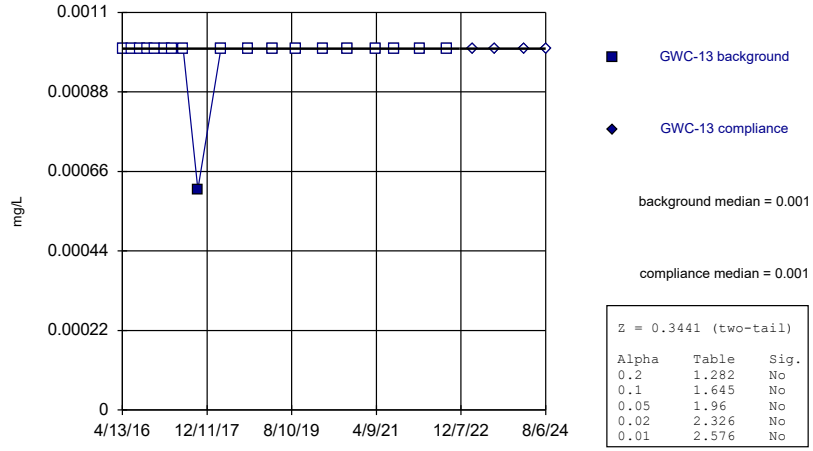
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.3441 (two-tail)

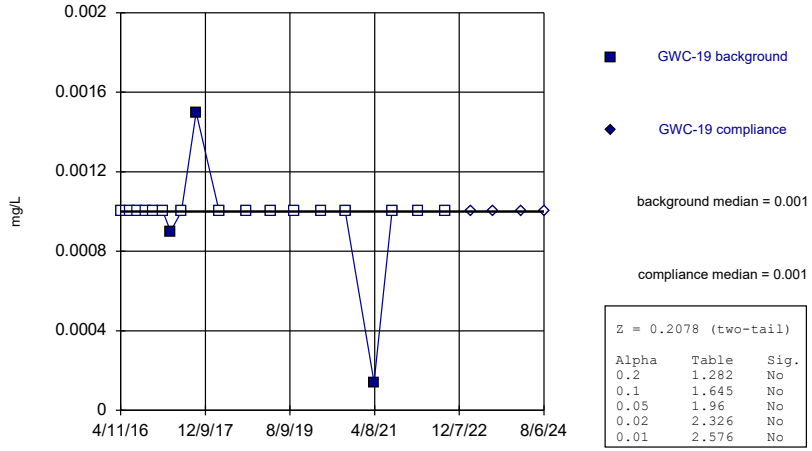
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2078 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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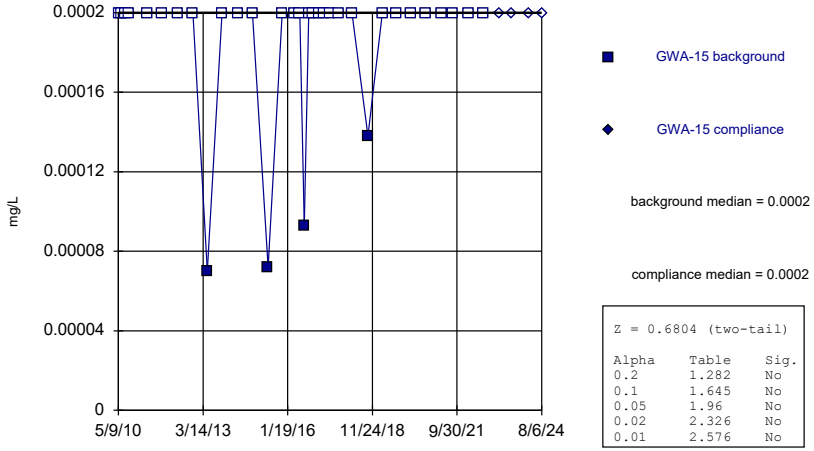
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.6804 (two-tail)

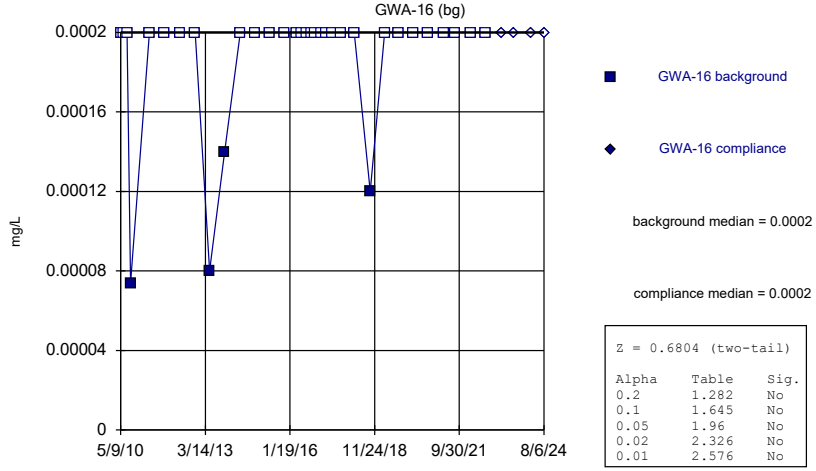
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.6804 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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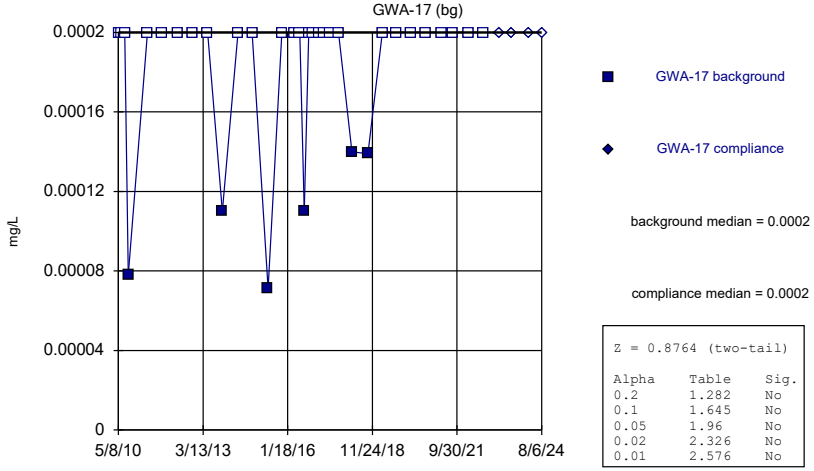
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.8764 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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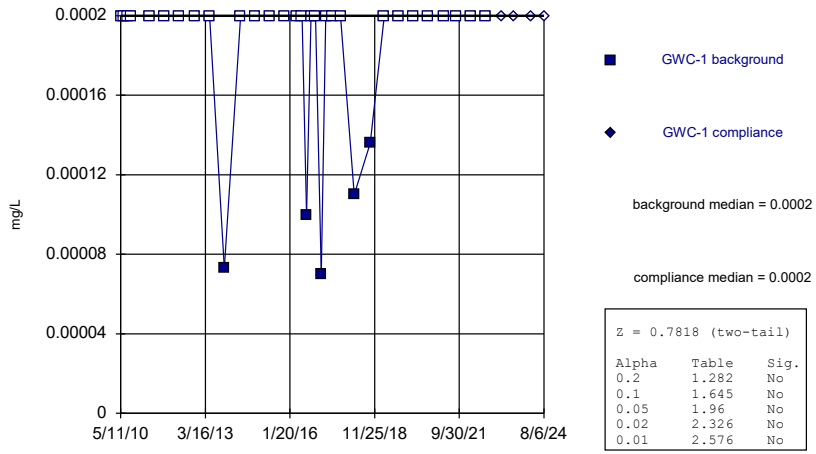
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.7818 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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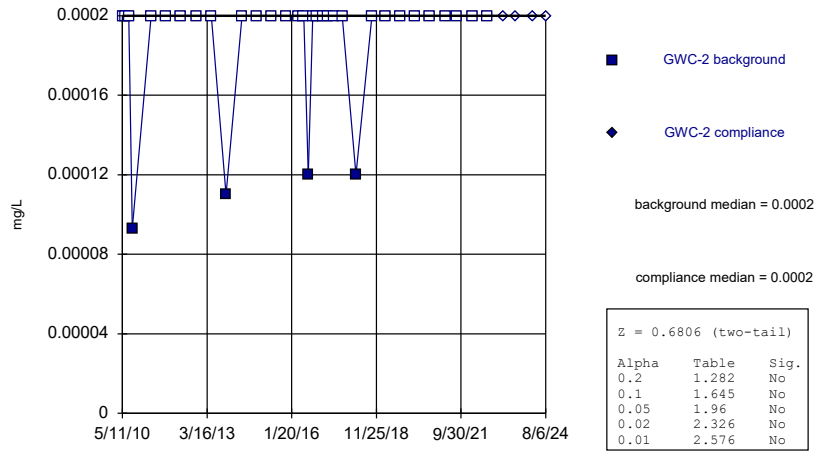
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.6806 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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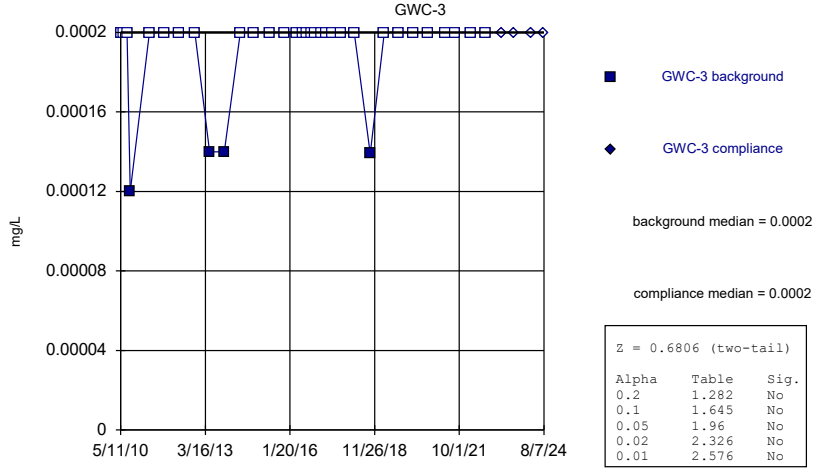
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.6806 (two-tail)

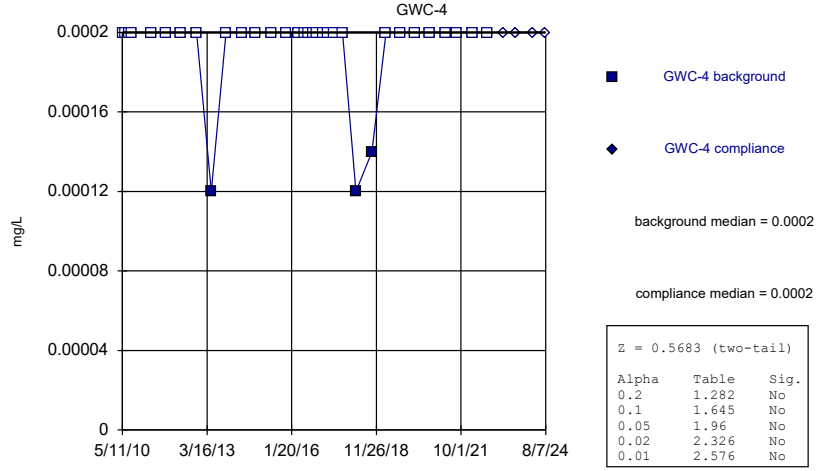
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



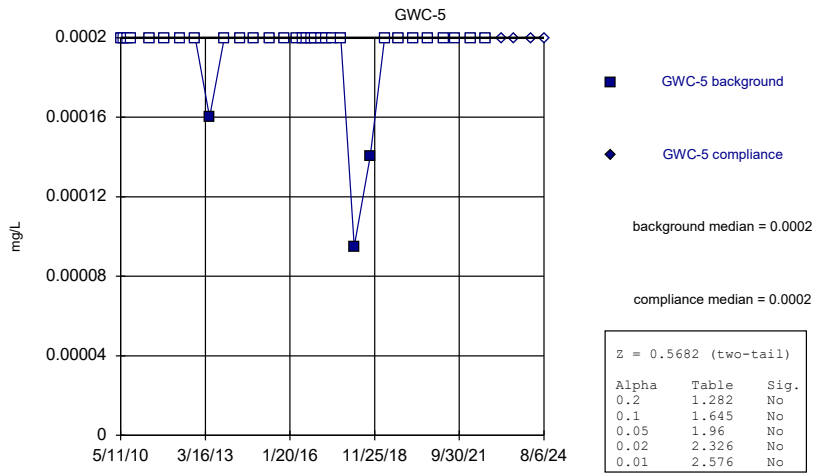
Z = 0.5683 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



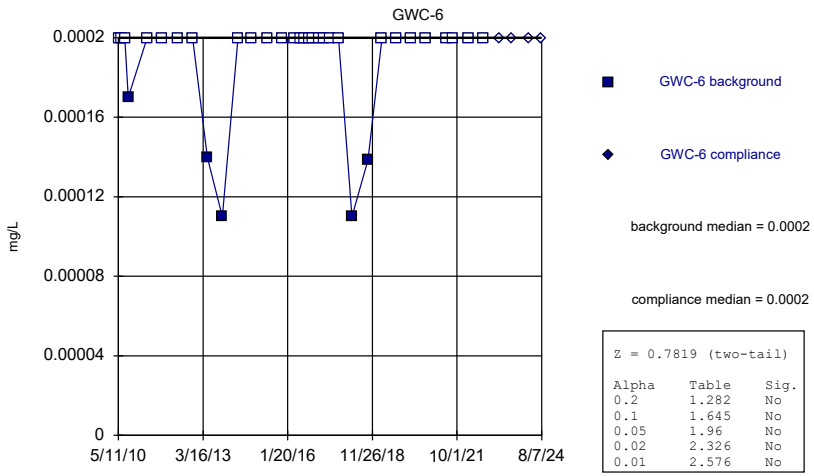
Z = 0.5682 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



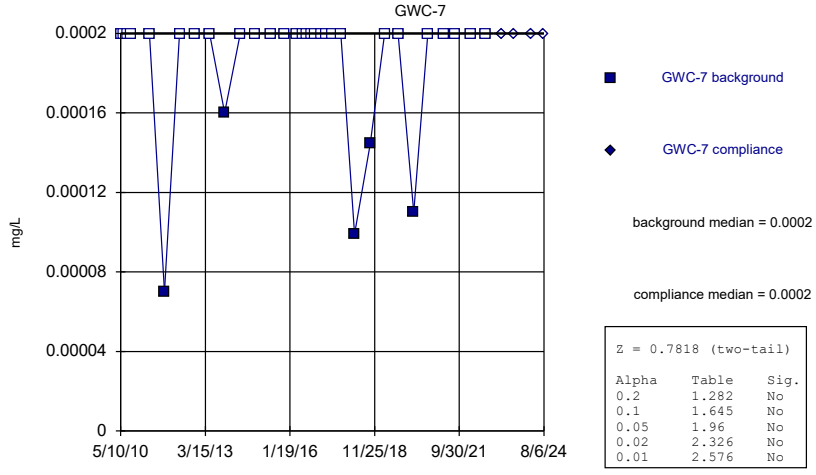
Z = 0.7819 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



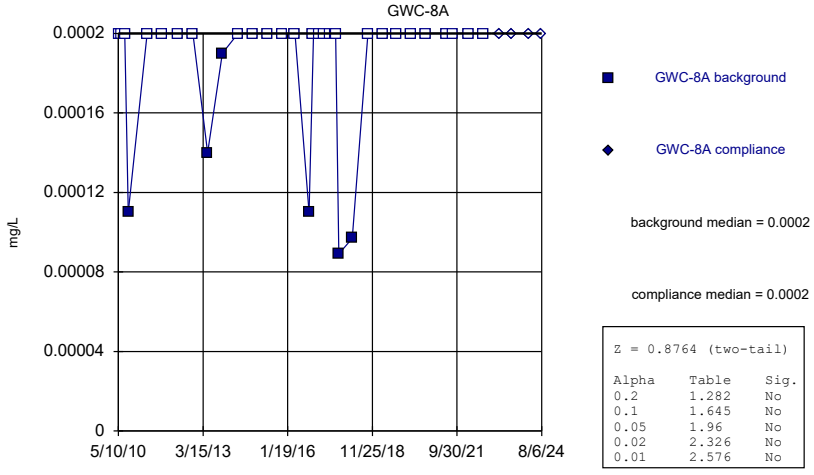
Z = 0.7818 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)



Z = 0.8764 (two-tail)

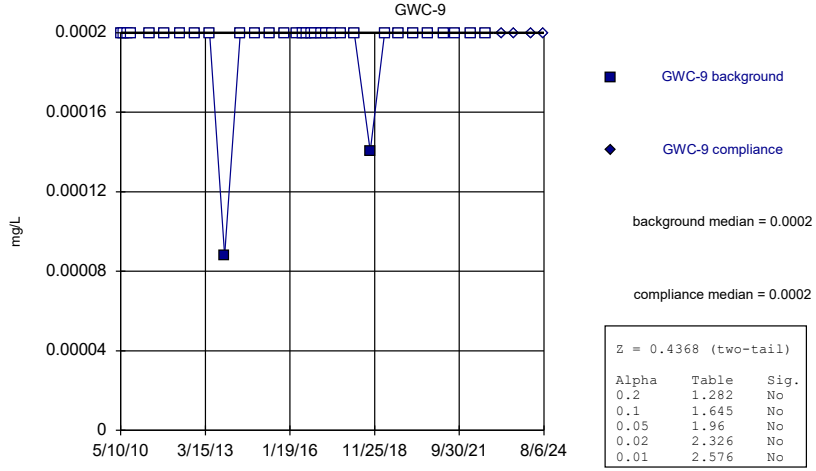
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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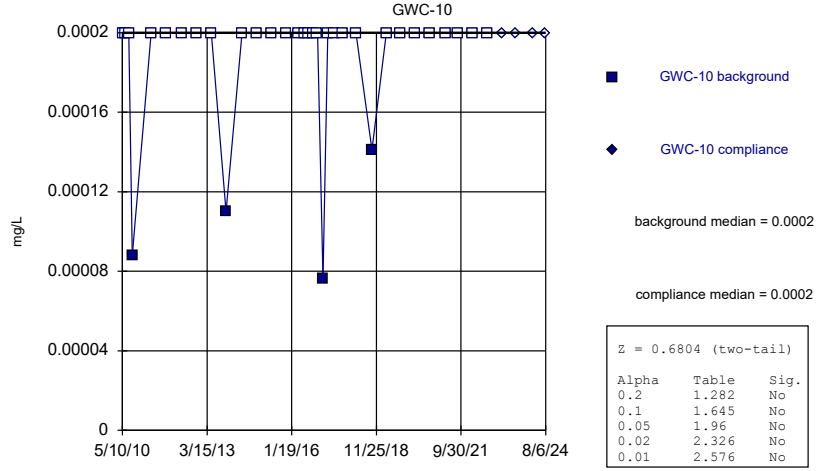
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.6804 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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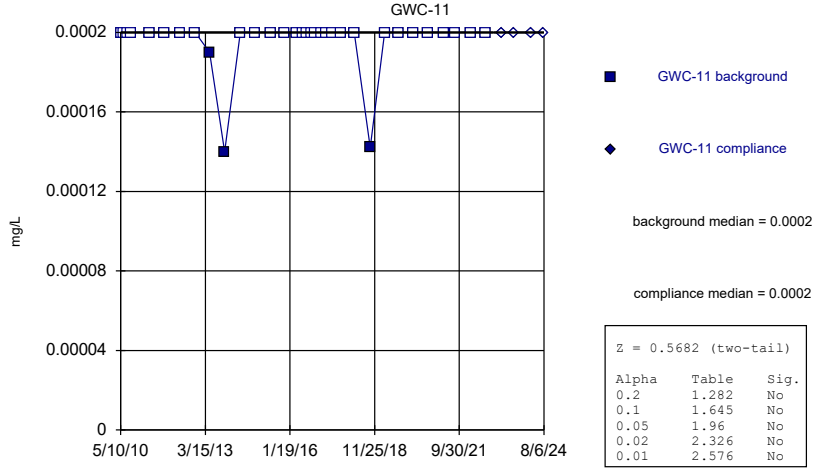
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.5682 (two-tail)

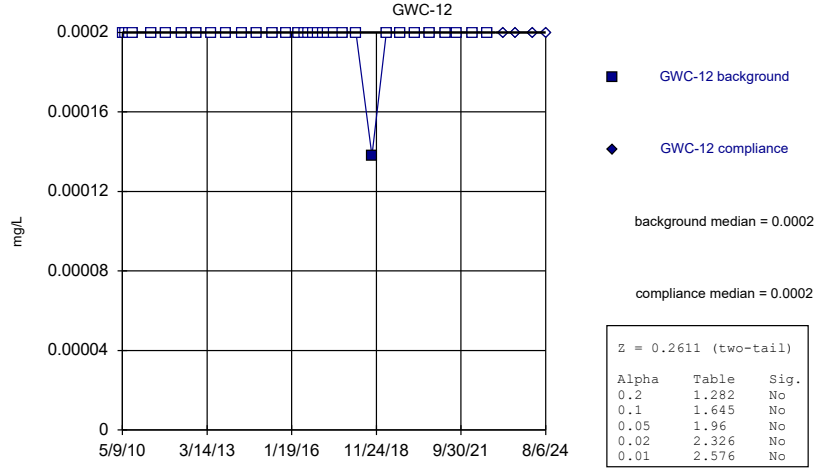
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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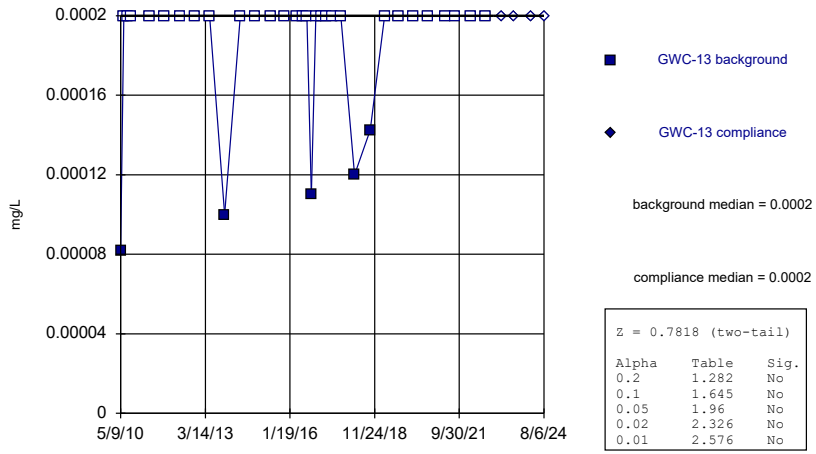
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.7818 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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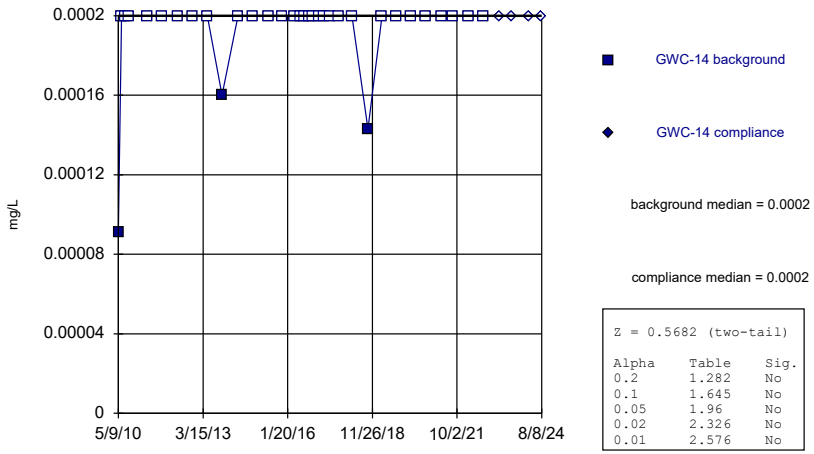
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 0.5682 (two-tail)

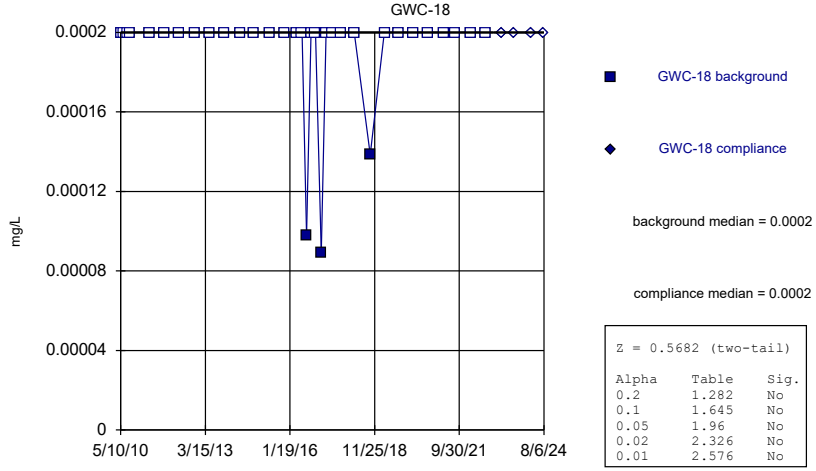
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.5682 (two-tail)

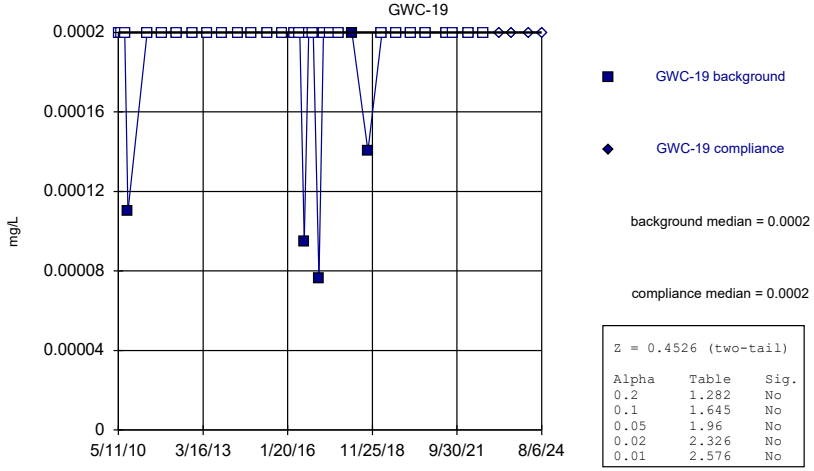
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19

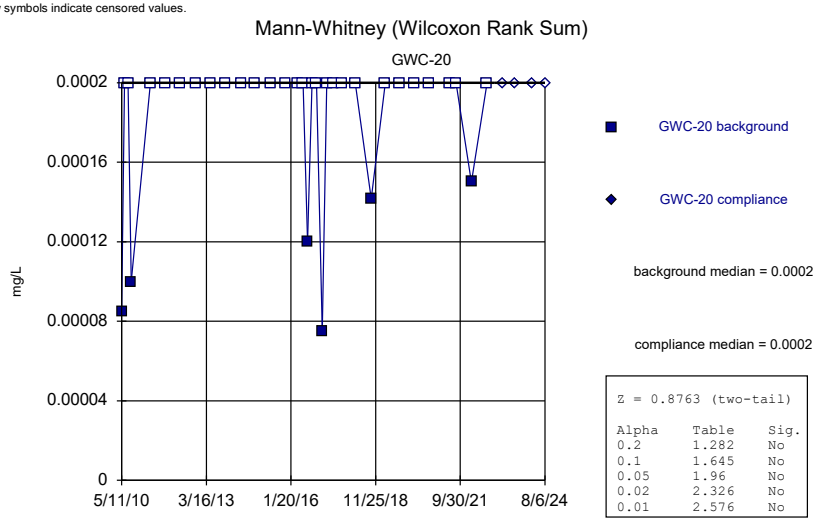


Z = 0.4526 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

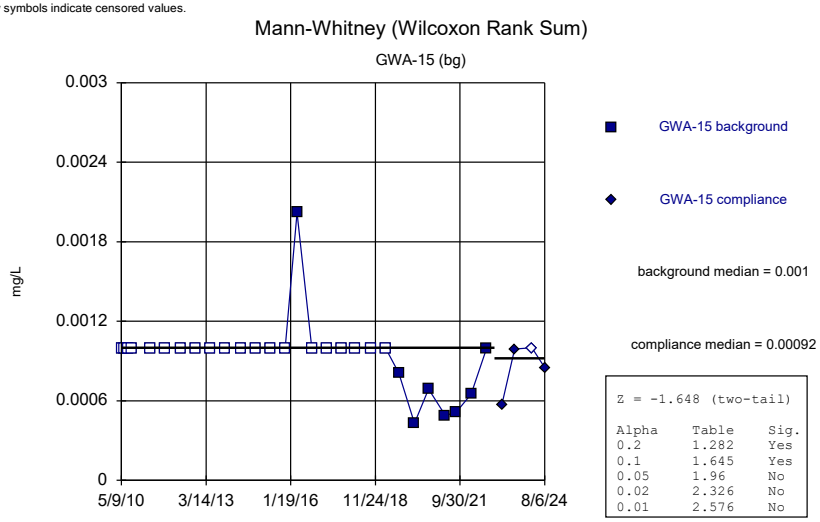
Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



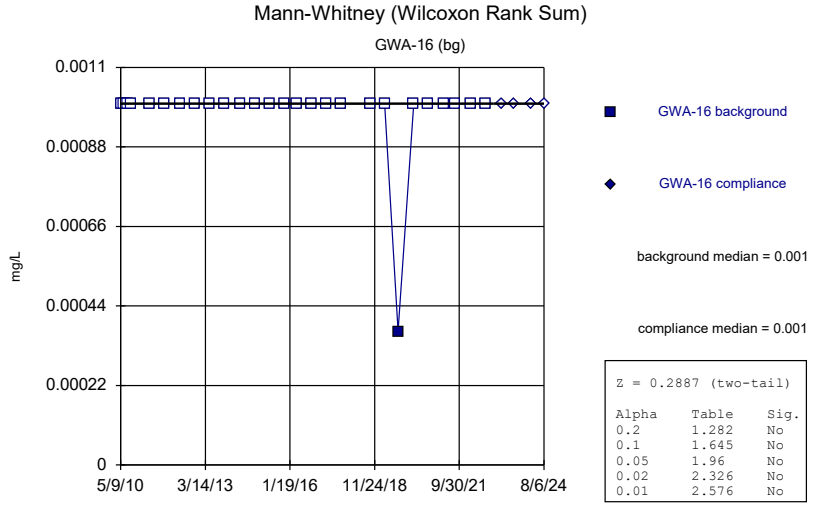
Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



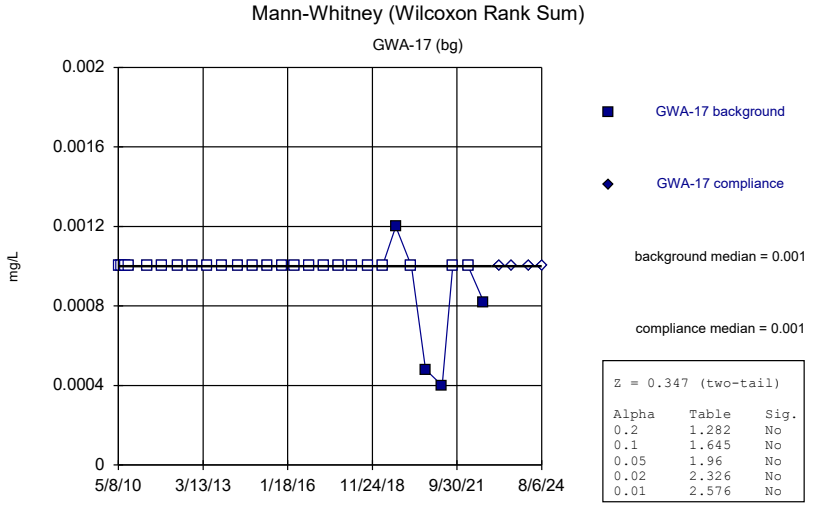
Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

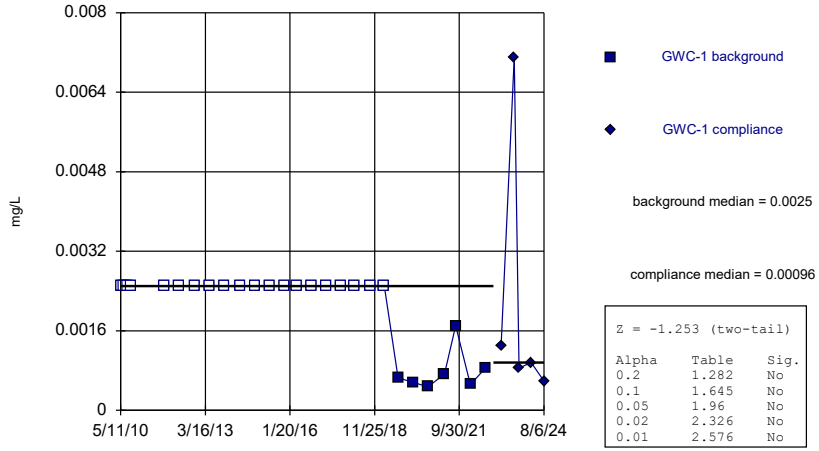


Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -1.253 (two-tail)

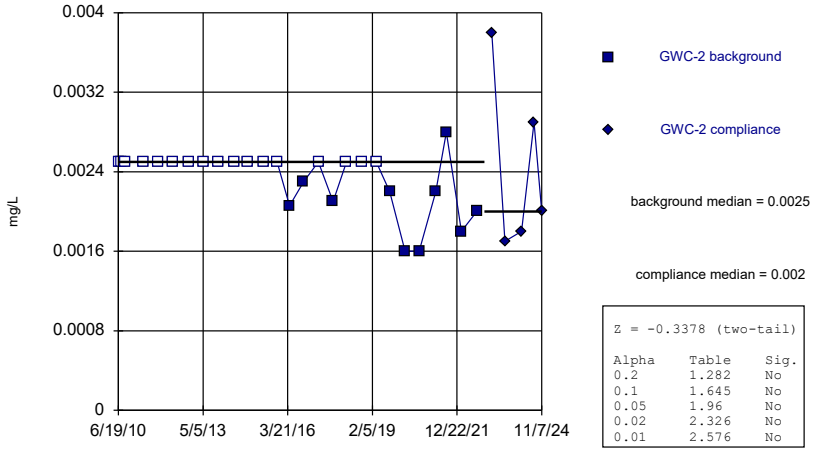
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = -0.3378 (two-tail)

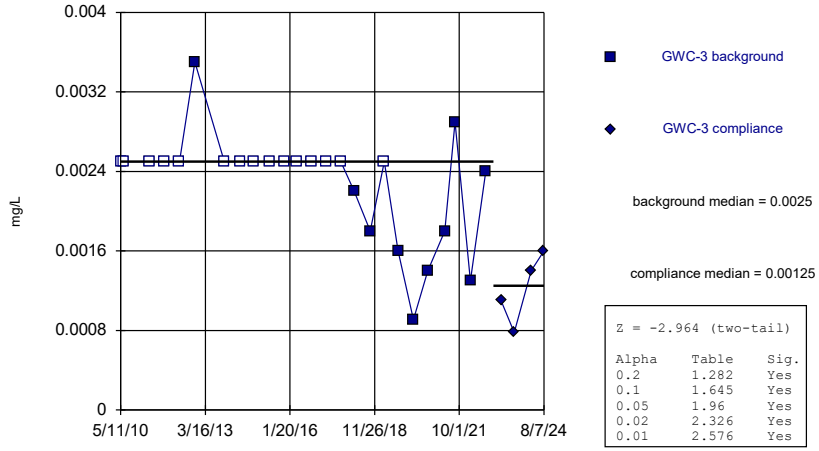
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = -2.964 (two-tail)

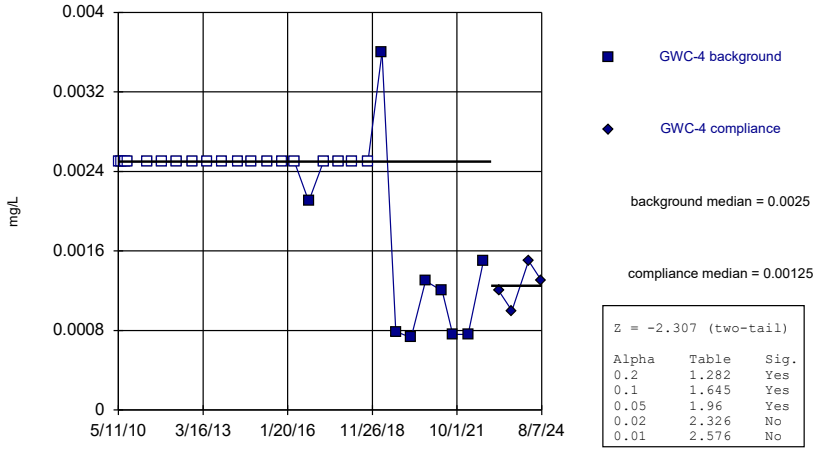
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -2.307 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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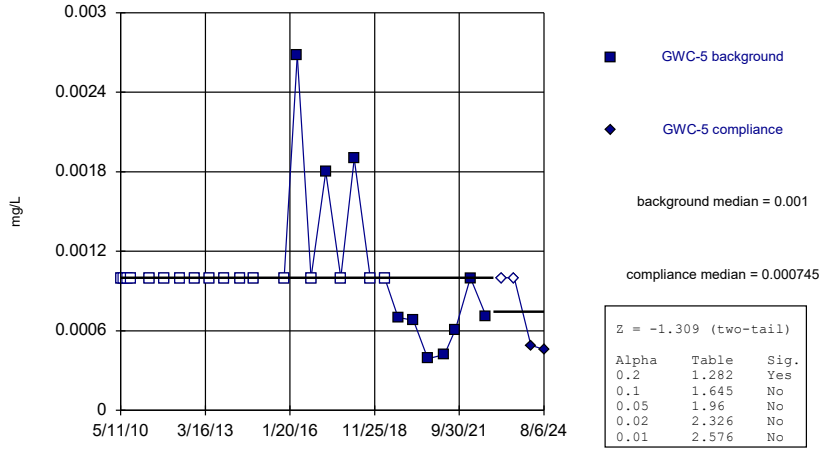
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -1.309 (two-tail)

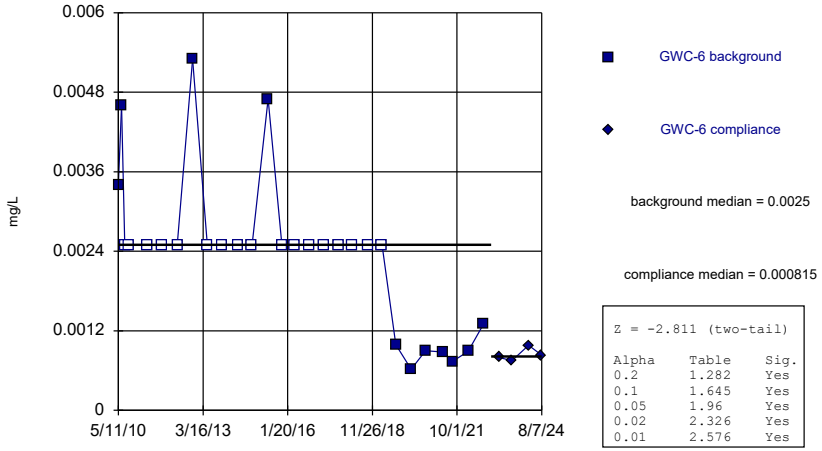
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -2.811 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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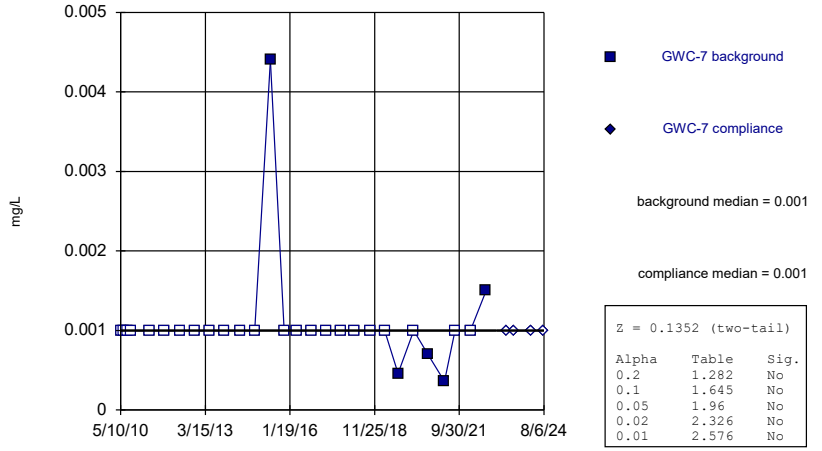
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.1352 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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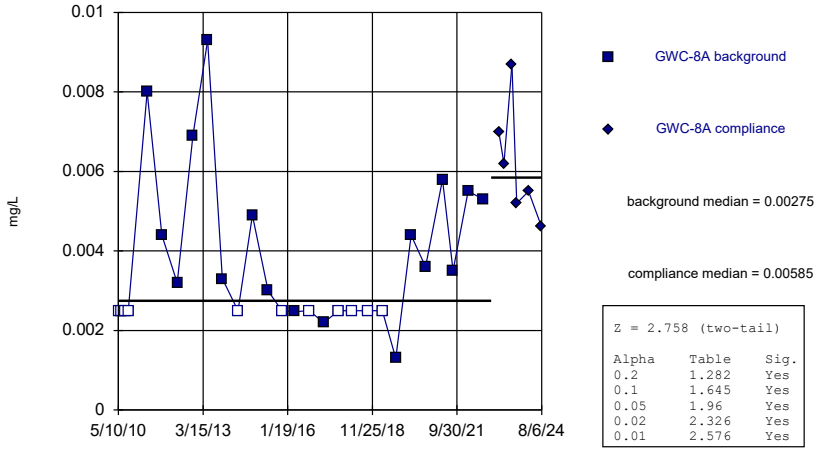
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 2.758 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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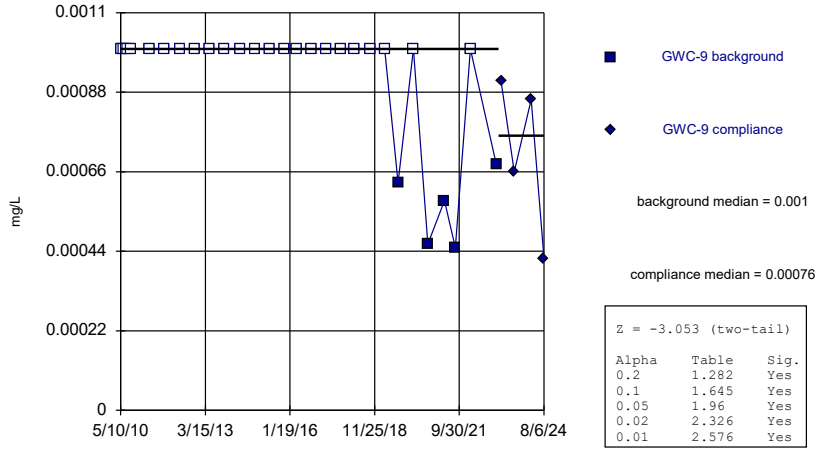
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -3.053 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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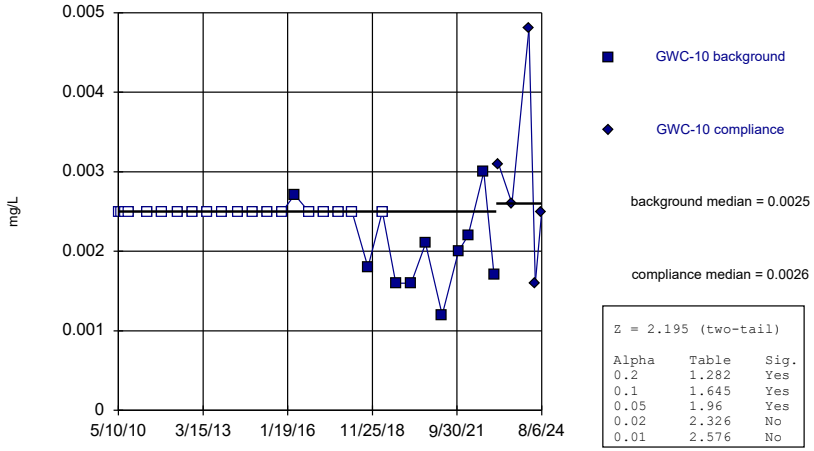
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 2.195 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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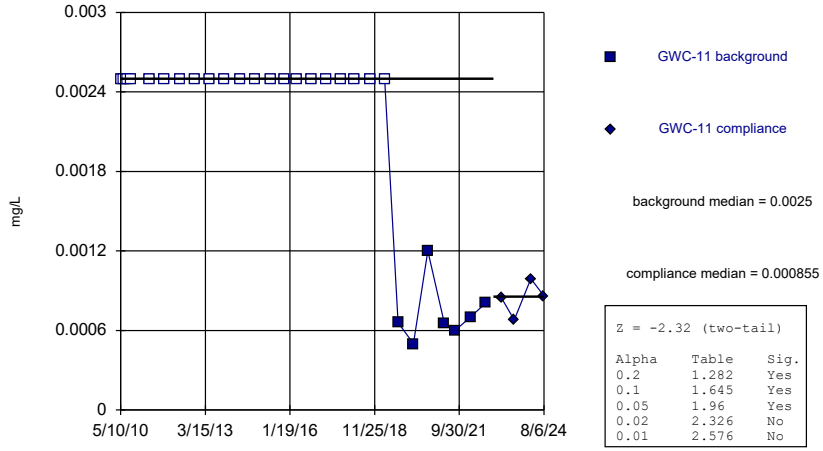
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -2.32 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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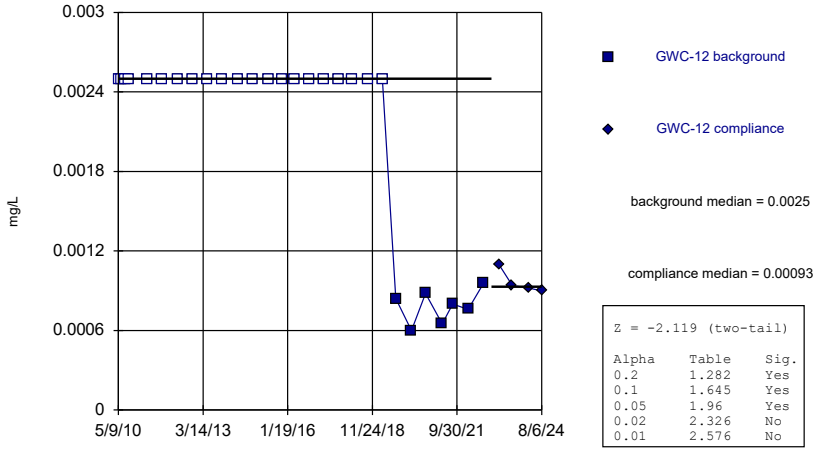
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -2.119 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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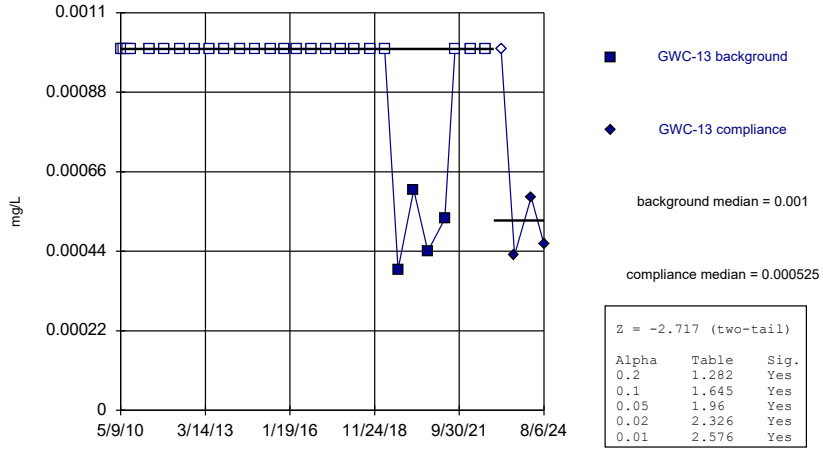
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -2.717 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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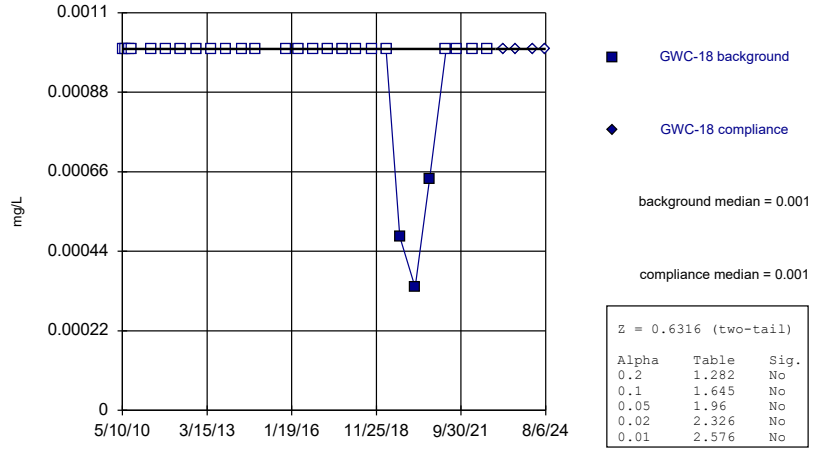
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.6316 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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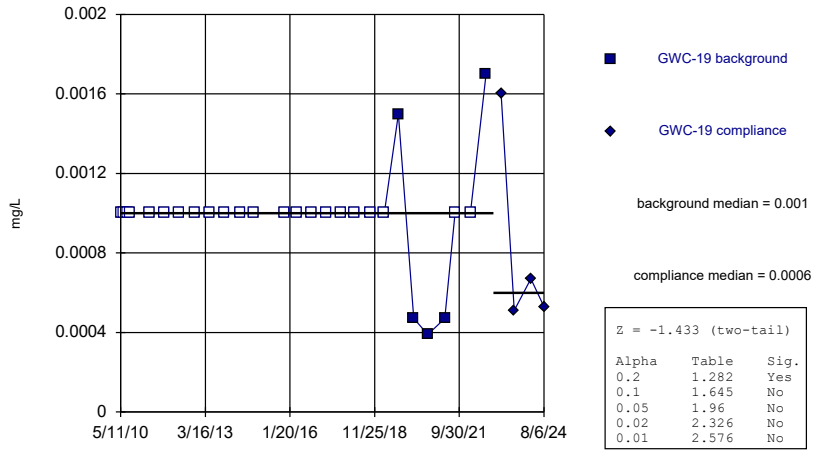
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = -1.433 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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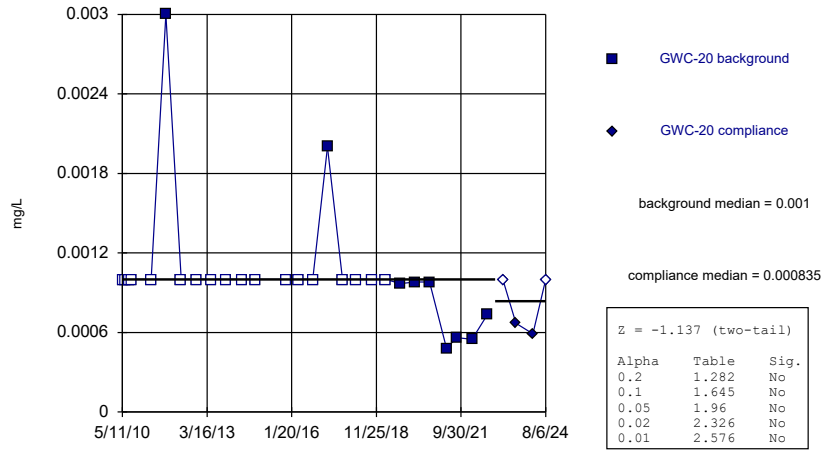
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -1.137 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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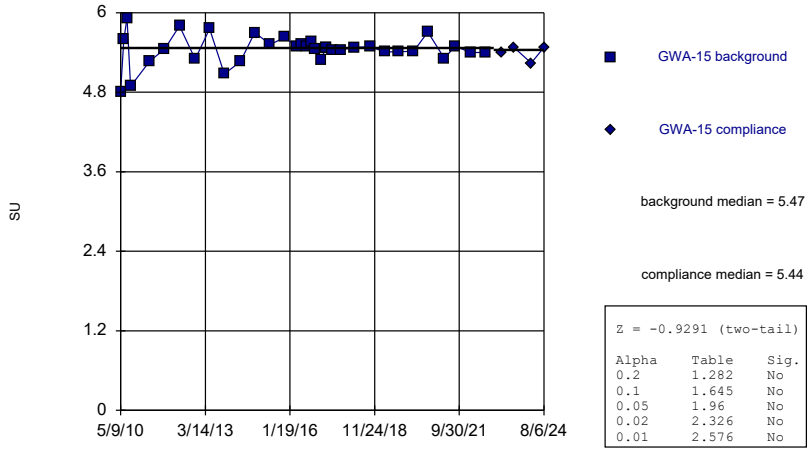
Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -0.9291 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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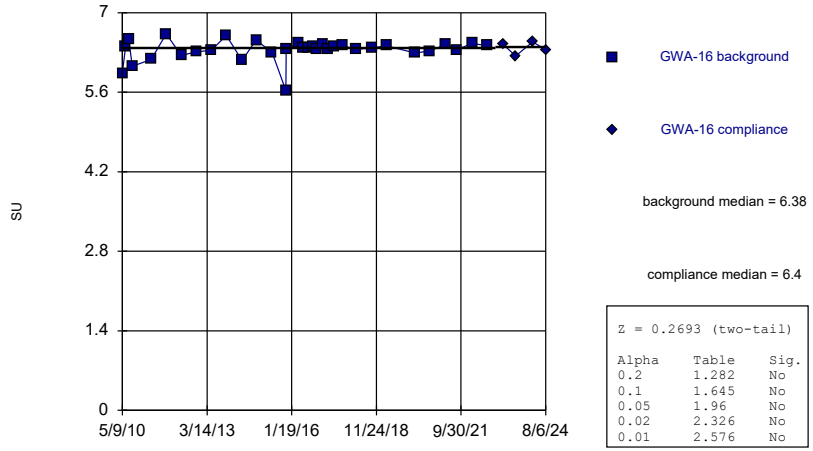
Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.2693 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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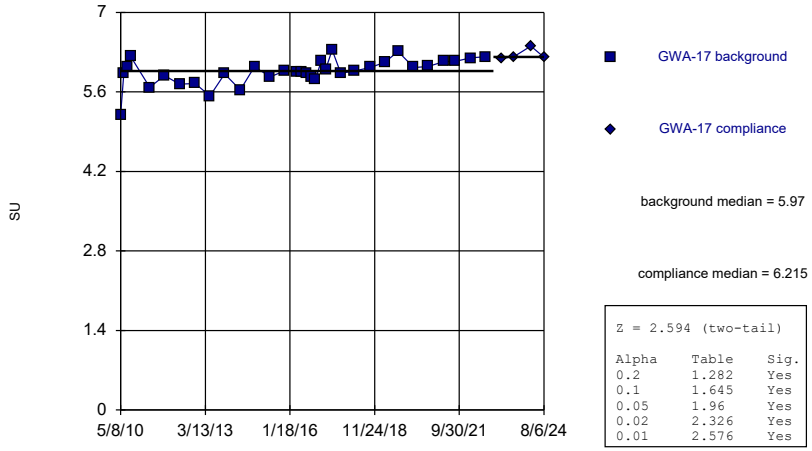
Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 2.594 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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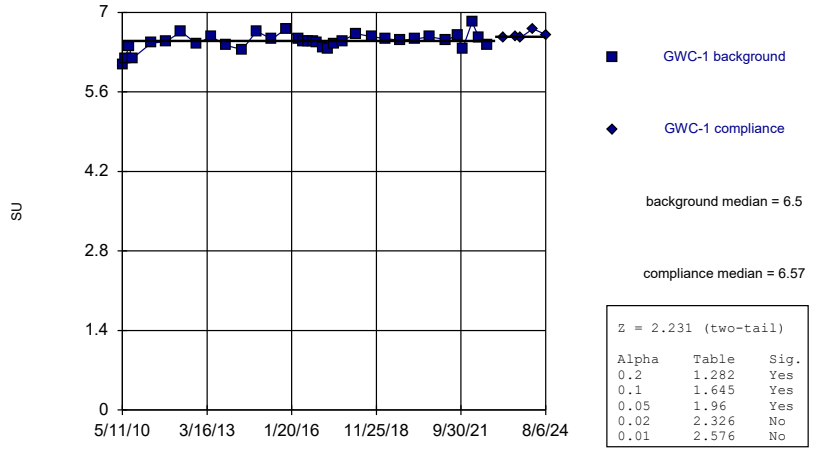
Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 2.231 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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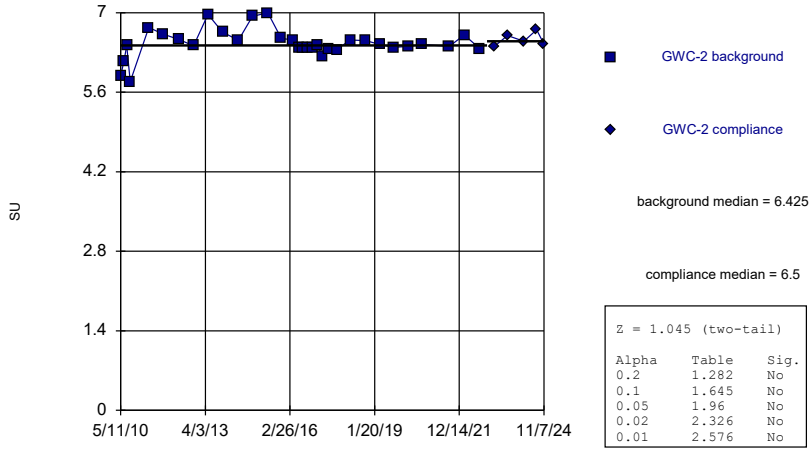
Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



background median = 6.425

compliance median = 6.5

Z = 1.045 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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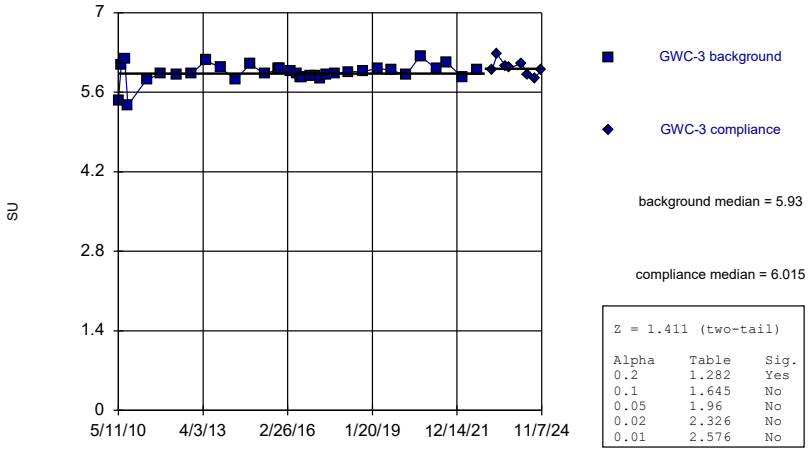
Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



background median = 5.93

compliance median = 6.015

Z = 1.411 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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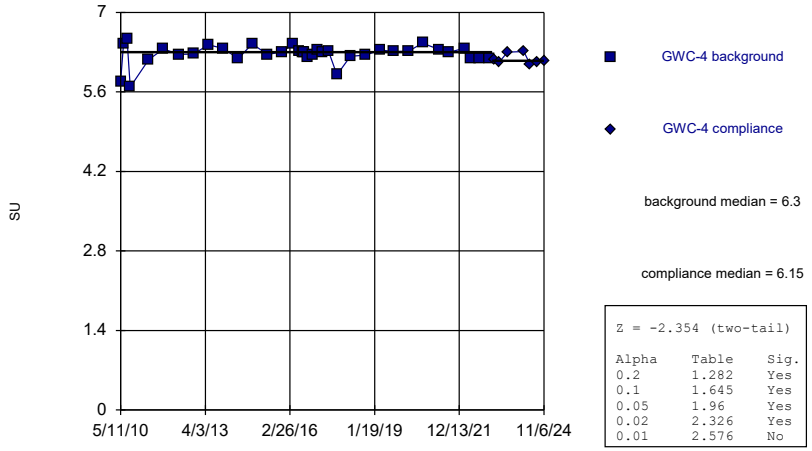
Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



background median = 6.3

compliance median = 6.15

Z = -2.354 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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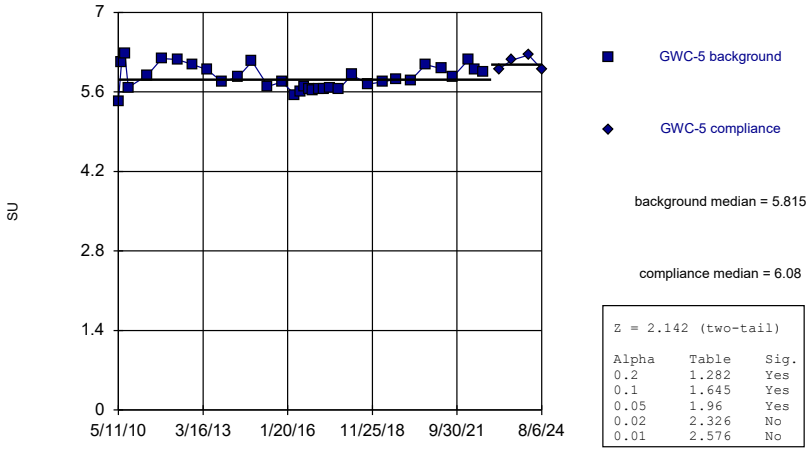
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



background median = 5.815

compliance median = 6.08

Z = 2.142 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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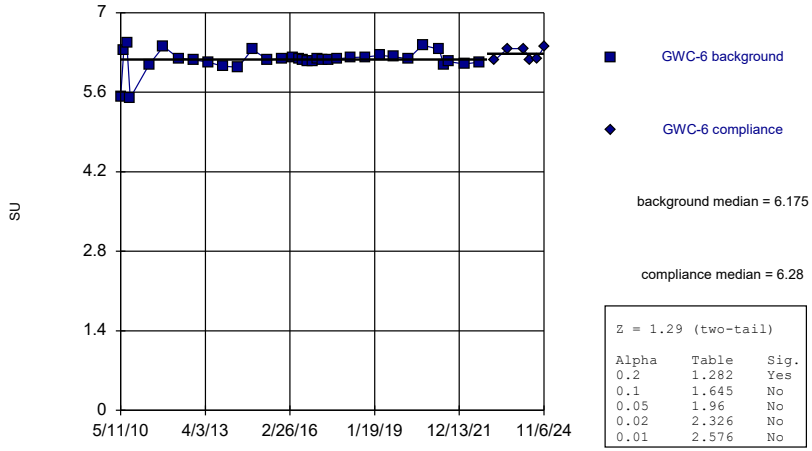
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



background median = 6.175

compliance median = 6.28

Z = 1.29 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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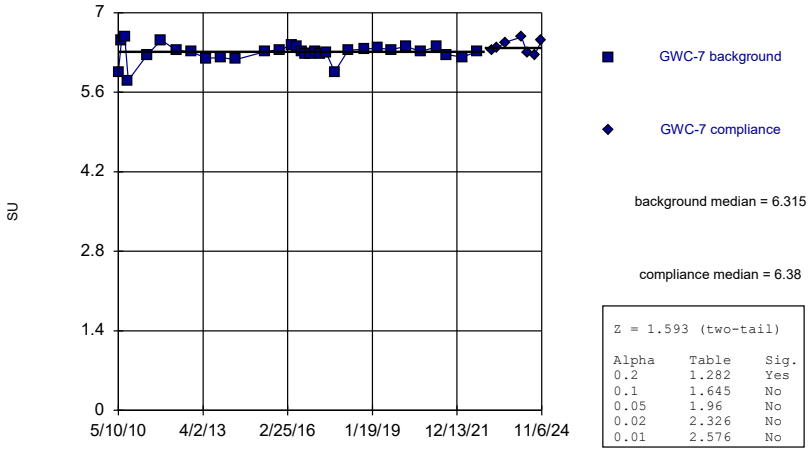
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



background median = 6.315

compliance median = 6.38

Z = 1.593 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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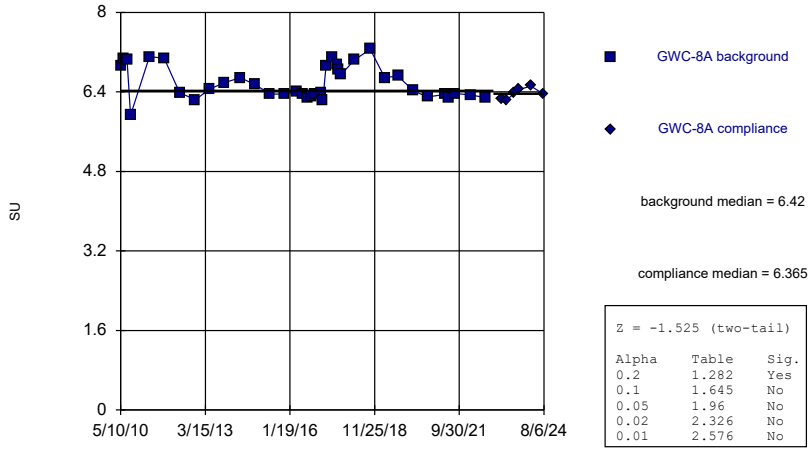
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



background median = 6.42

compliance median = 6.365

Z = -1.525 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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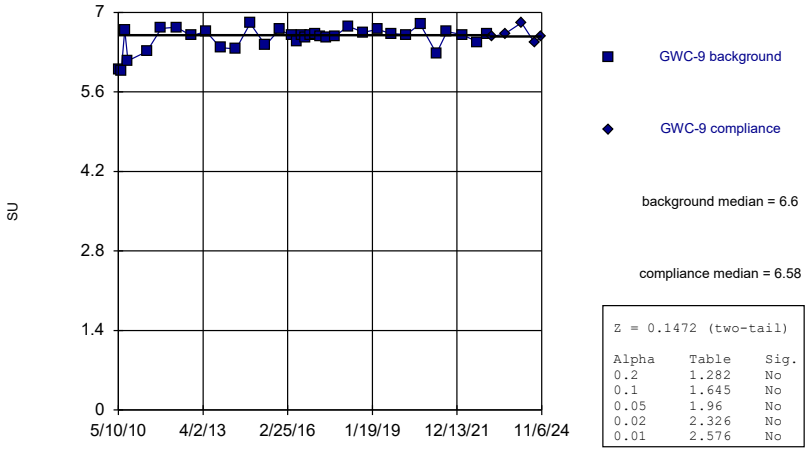
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



background median = 6.6

compliance median = 6.58

Z = 0.1472 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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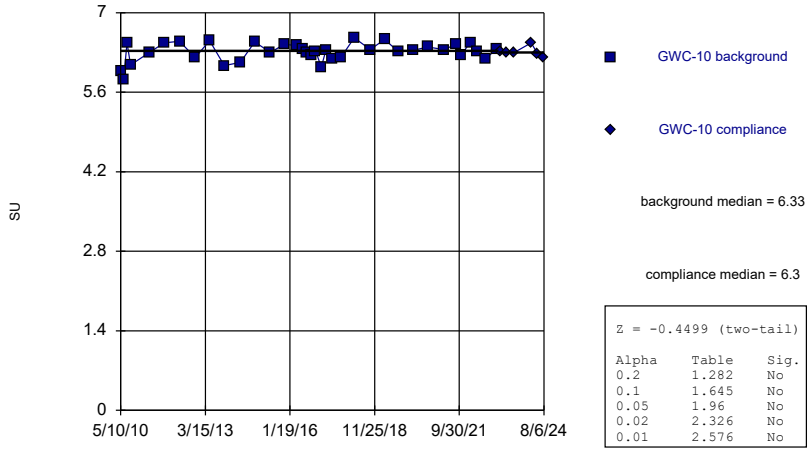
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



background median = 6.33

compliance median = 6.3

Z = -0.4499 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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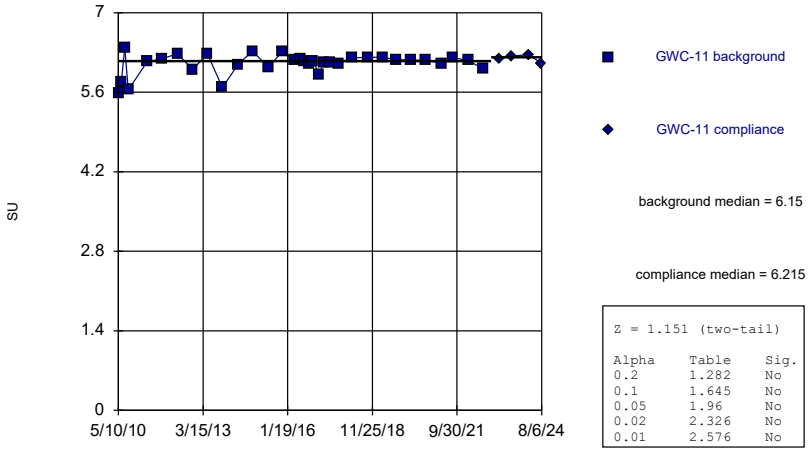
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



background median = 6.15

compliance median = 6.215

Z = 1.151 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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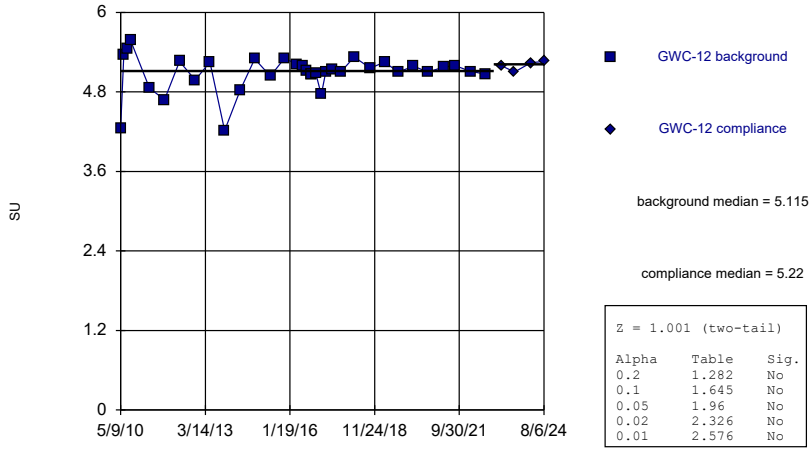
Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



background median = 5.115

compliance median = 5.22

Z = 1.001 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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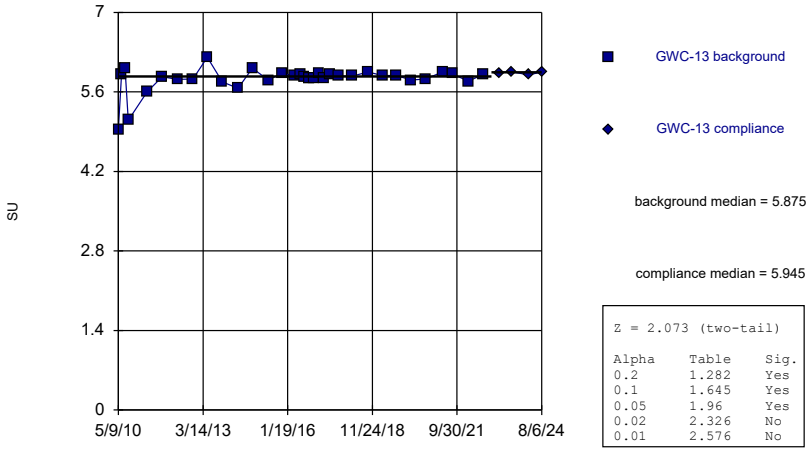
Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



background median = 5.875

compliance median = 5.945

Z = 2.073 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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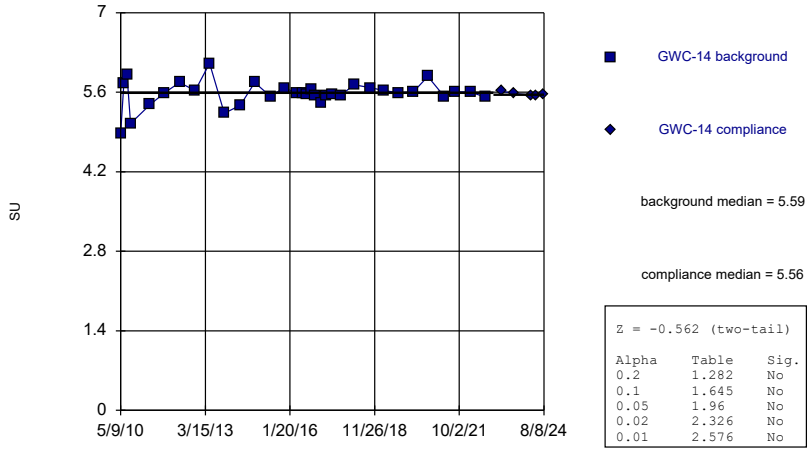
Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



background median = 5.59

compliance median = 5.56

Z = -0.562 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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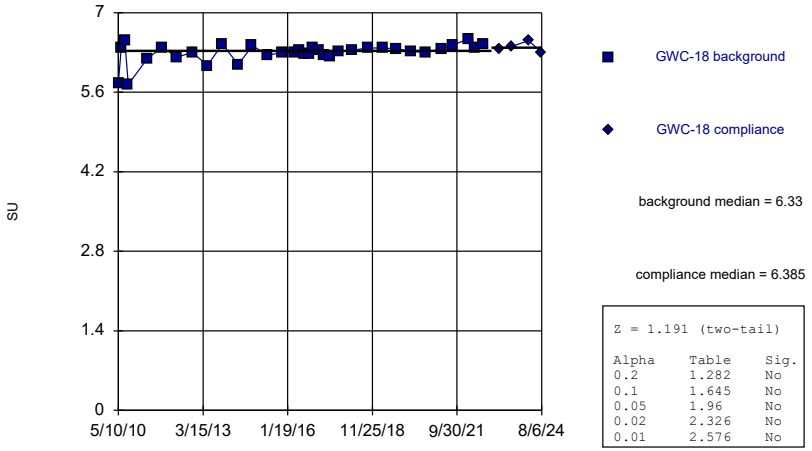
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



background median = 6.33

compliance median = 6.385

Z = 1.191 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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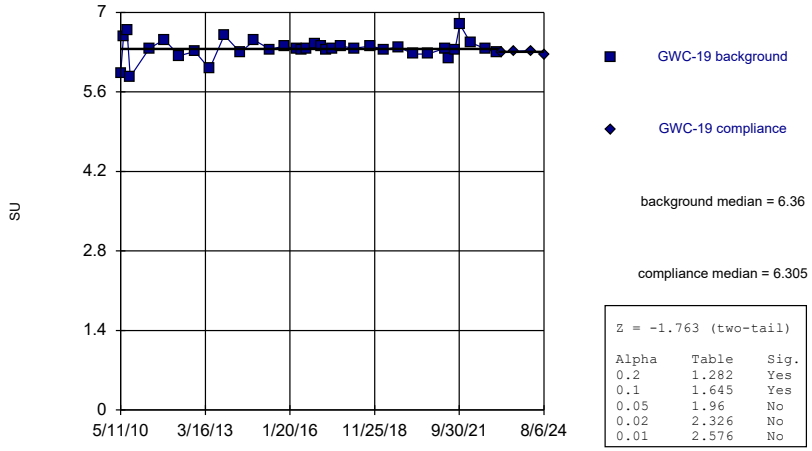
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



background median = 6.36

compliance median = 6.305

Z = -1.763 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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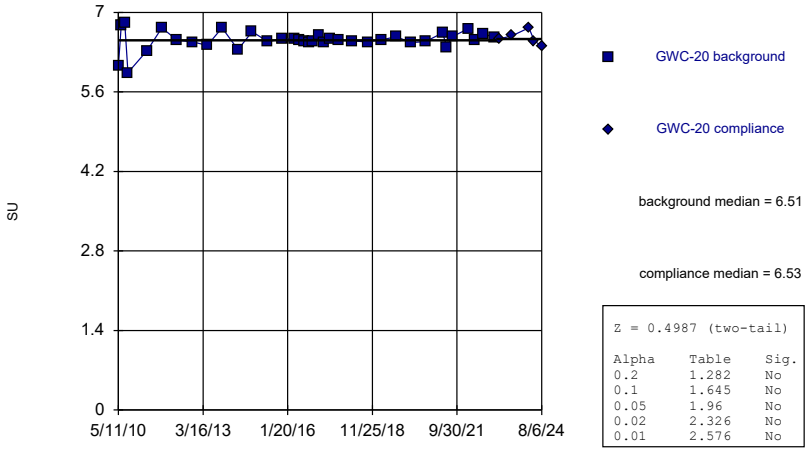
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



background median = 6.51

compliance median = 6.53

Z = 0.4987 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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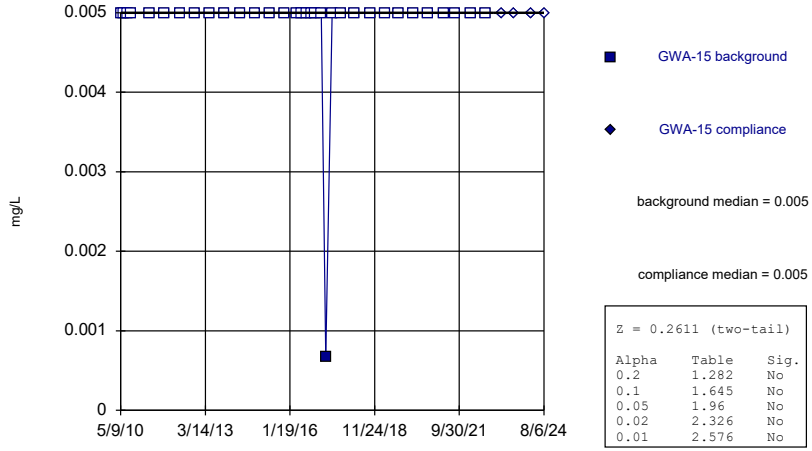
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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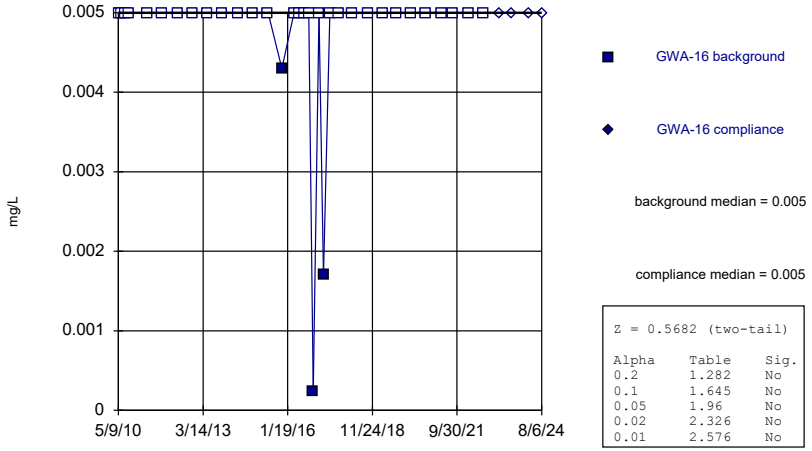
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.5682 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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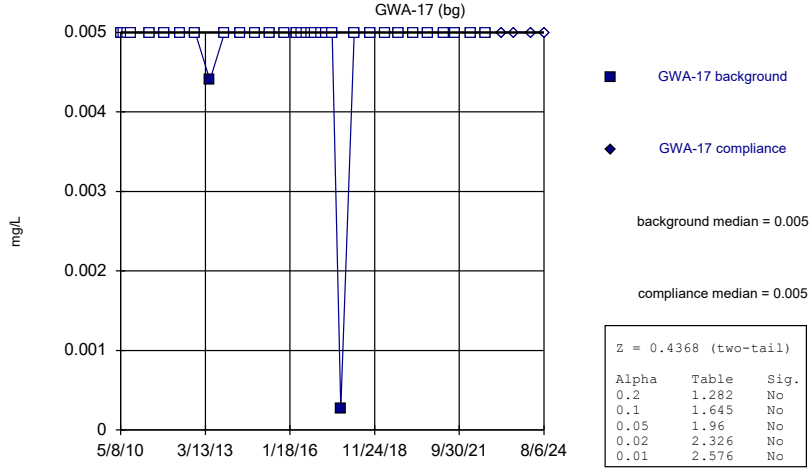
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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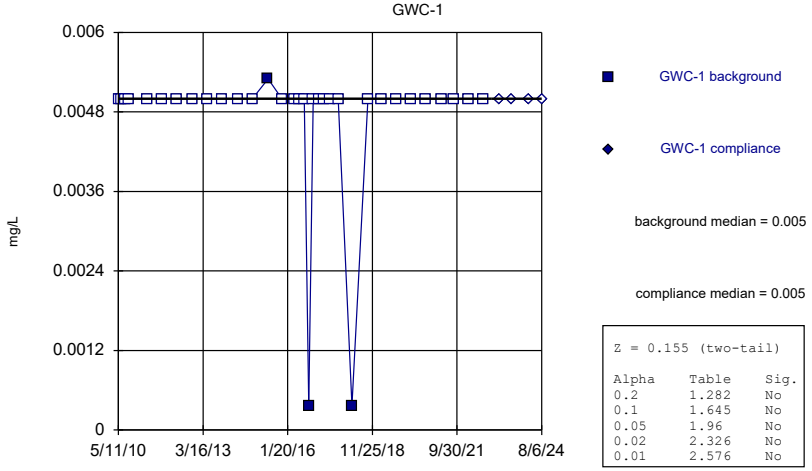
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.155 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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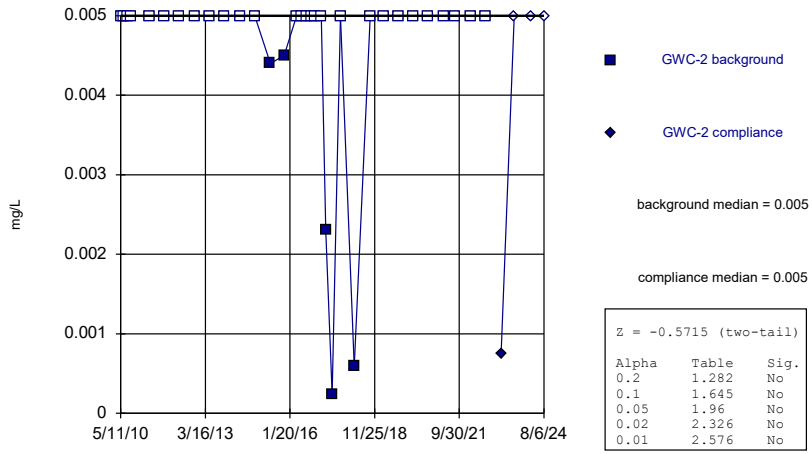
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



background median = 0.005

compliance median = 0.005

Z = -0.5715 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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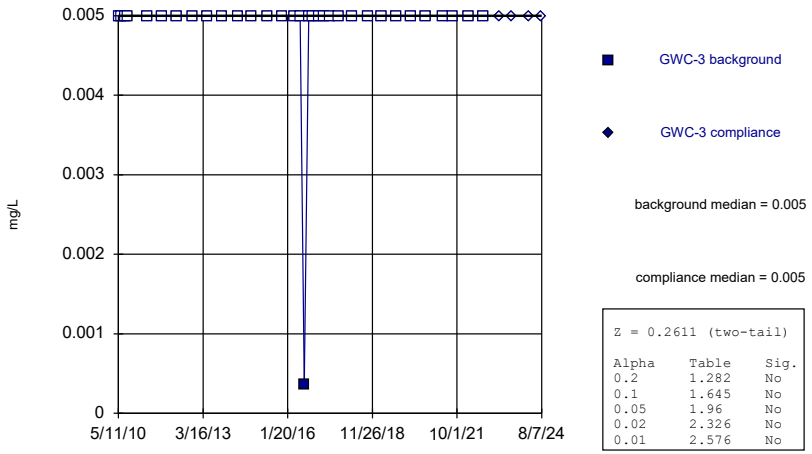
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



background median = 0.005

compliance median = 0.005

Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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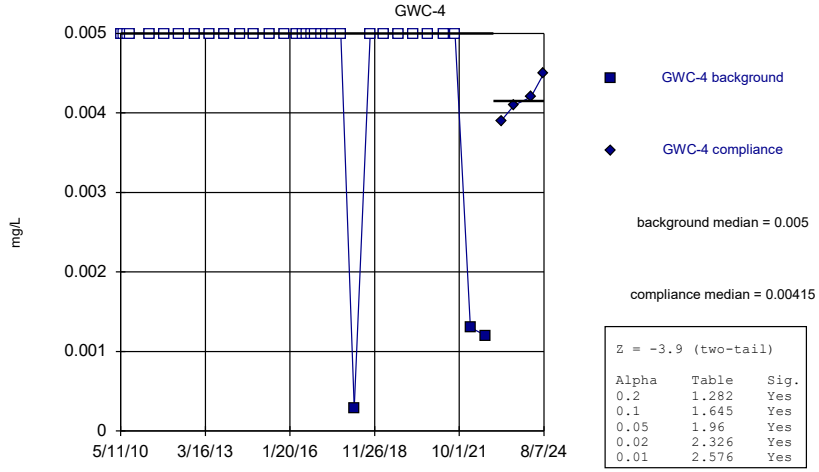
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



background median = 0.005

compliance median = 0.00415

Z = -3.9 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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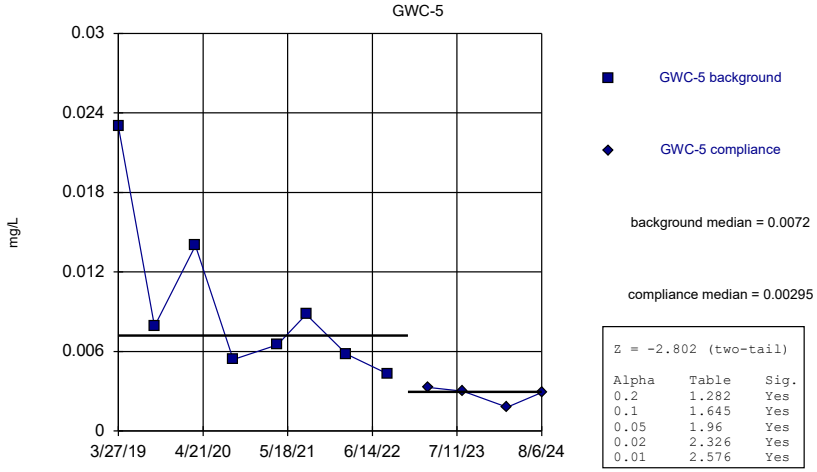
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



background median = 0.0072

compliance median = 0.00295

Z = -2.802 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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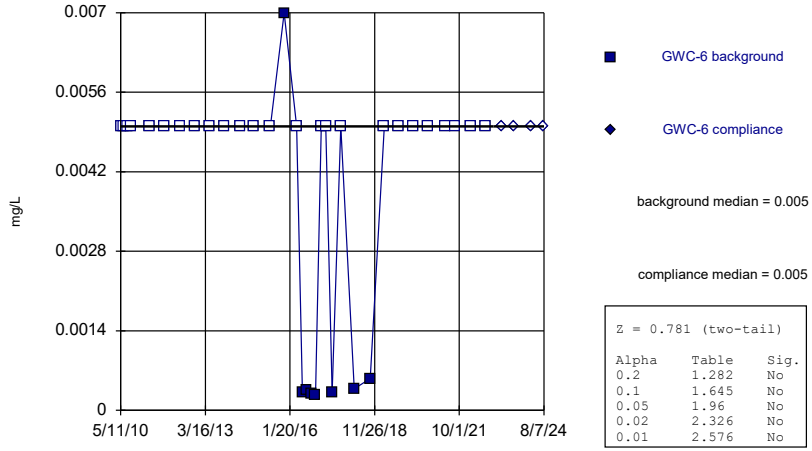
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.781 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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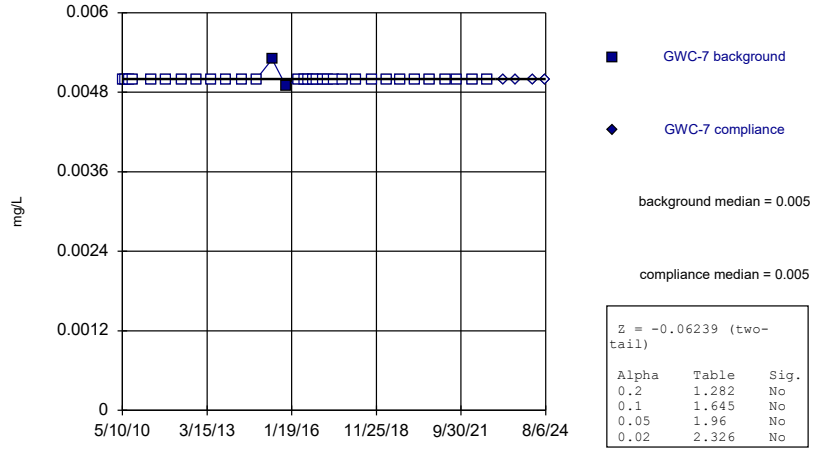
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = -0.06239 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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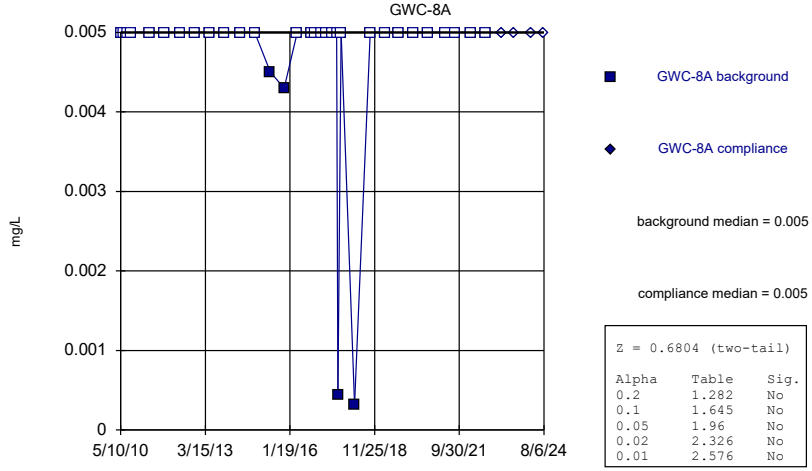
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 0.6804 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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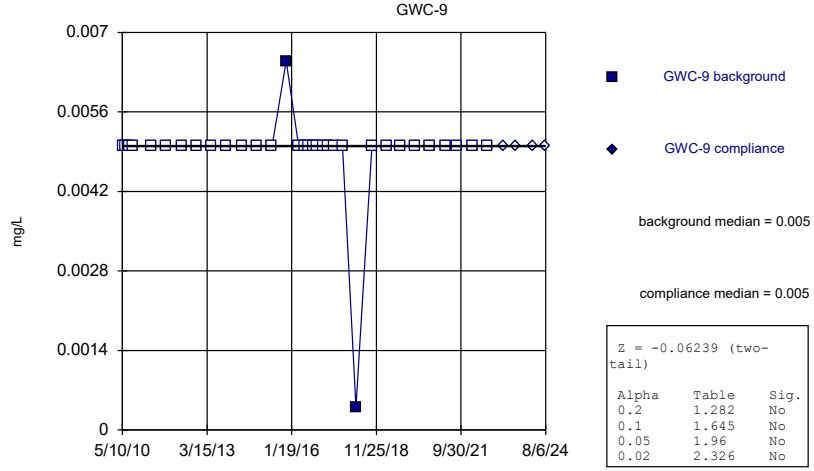
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -0.06239 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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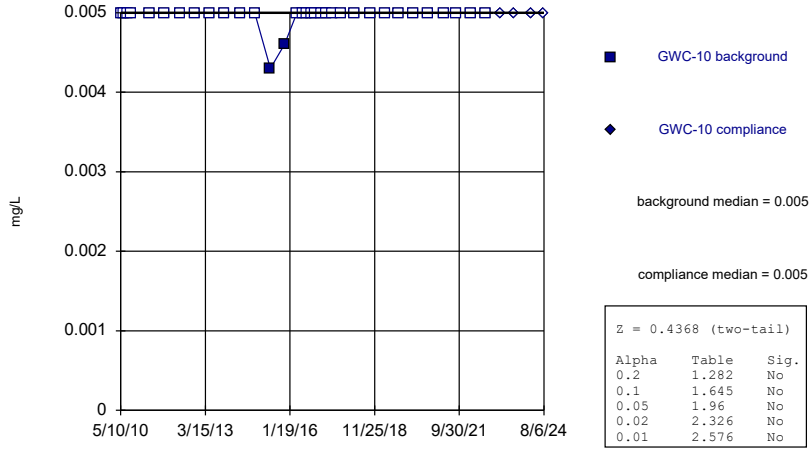
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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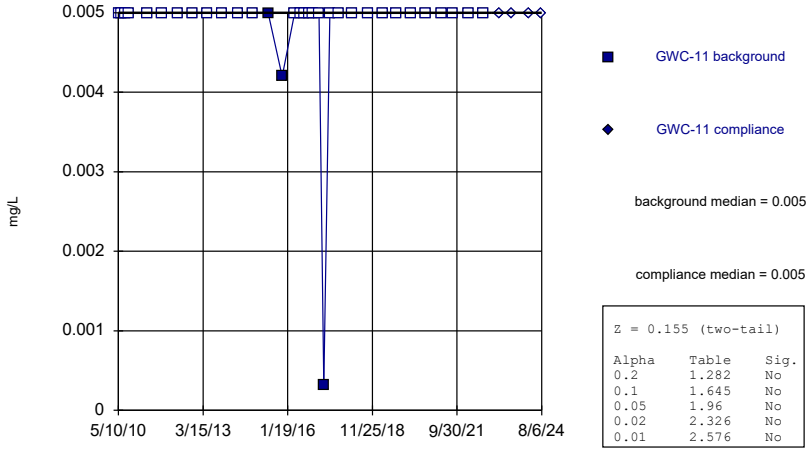
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.155 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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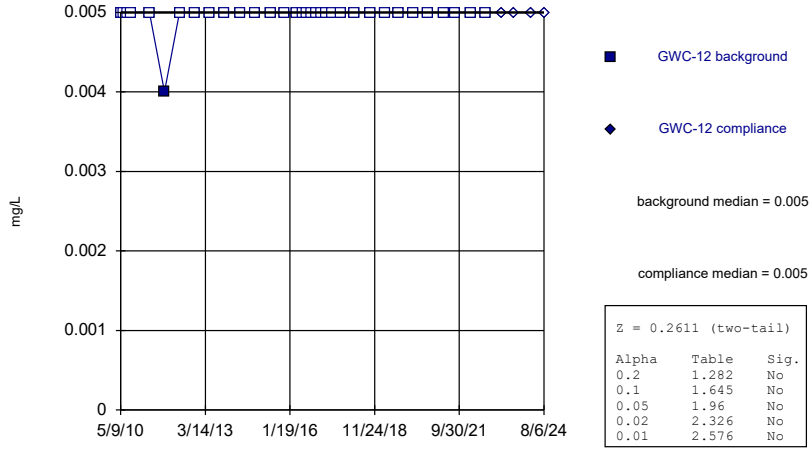
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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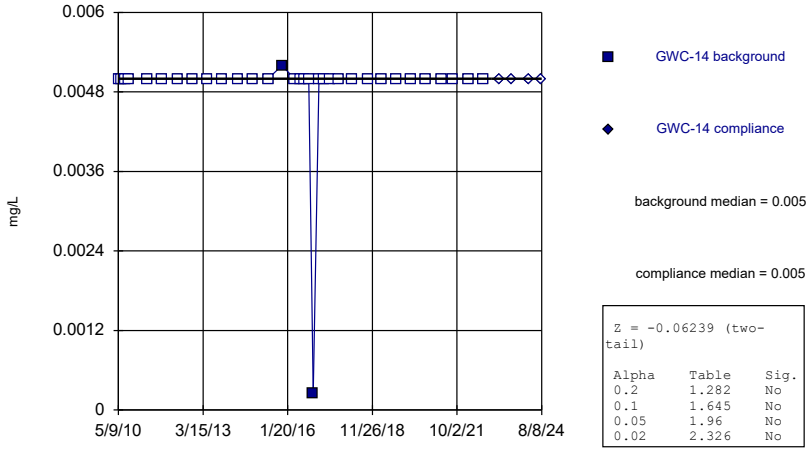
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -0.06239 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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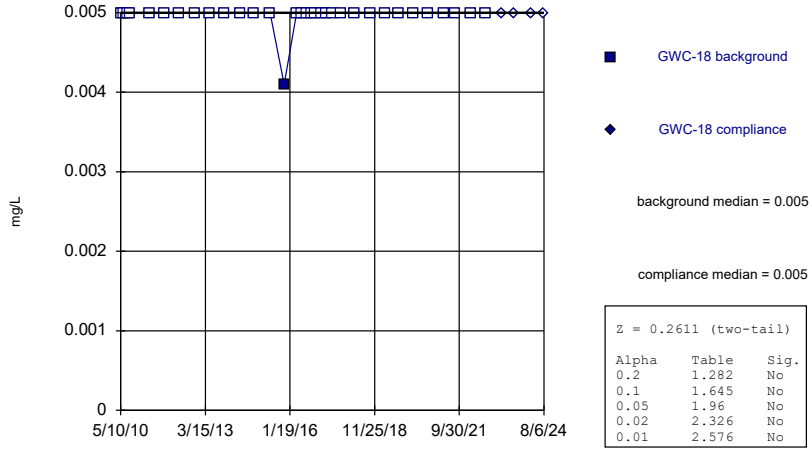
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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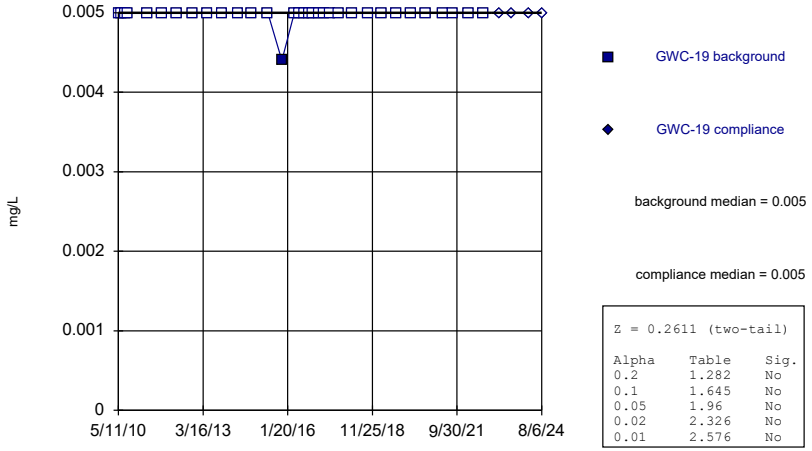
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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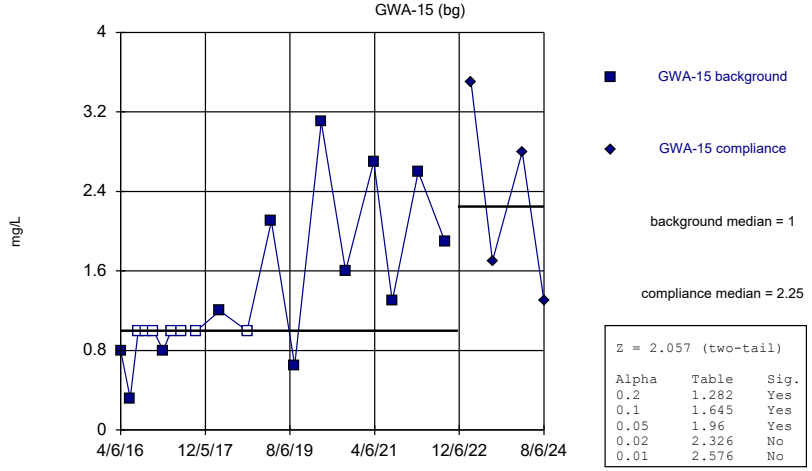
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 2.057 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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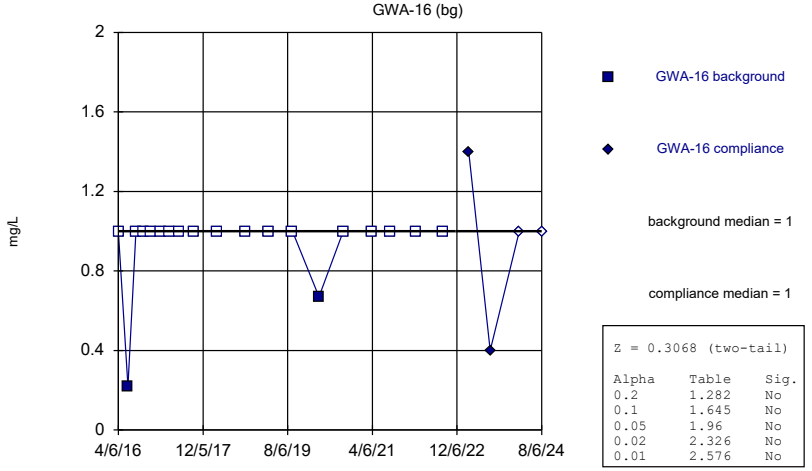
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.3068 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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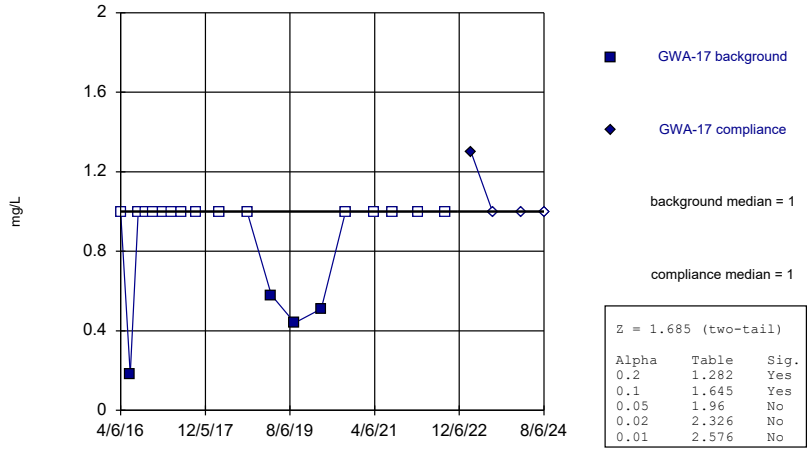
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 1.685 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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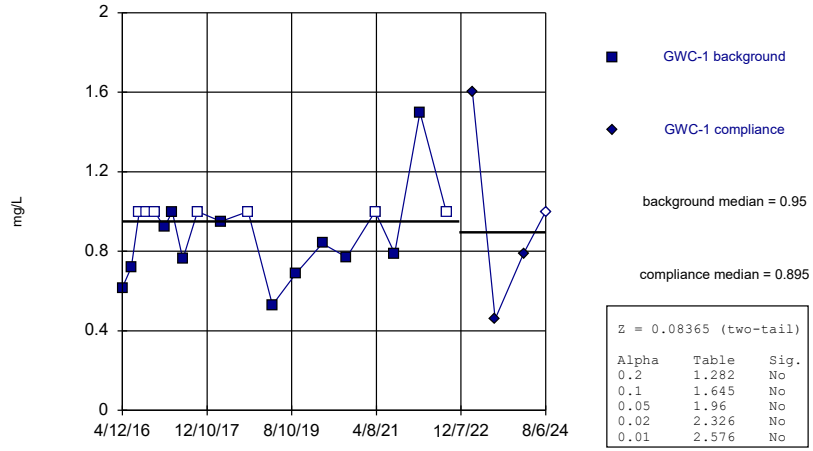
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.08365 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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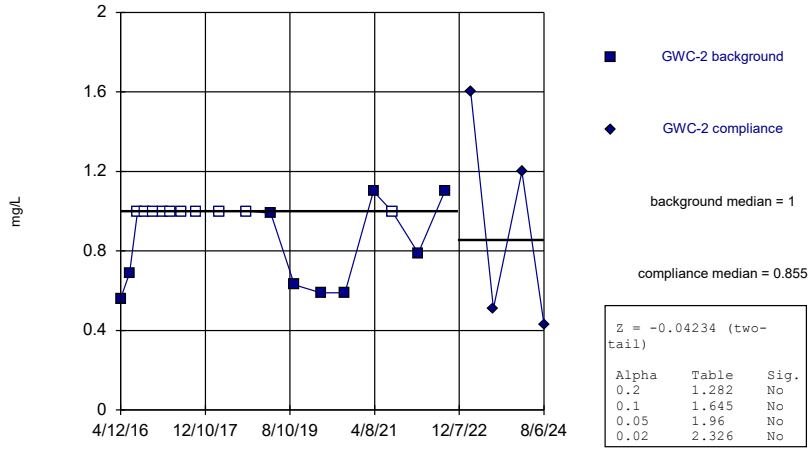
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = -0.04234 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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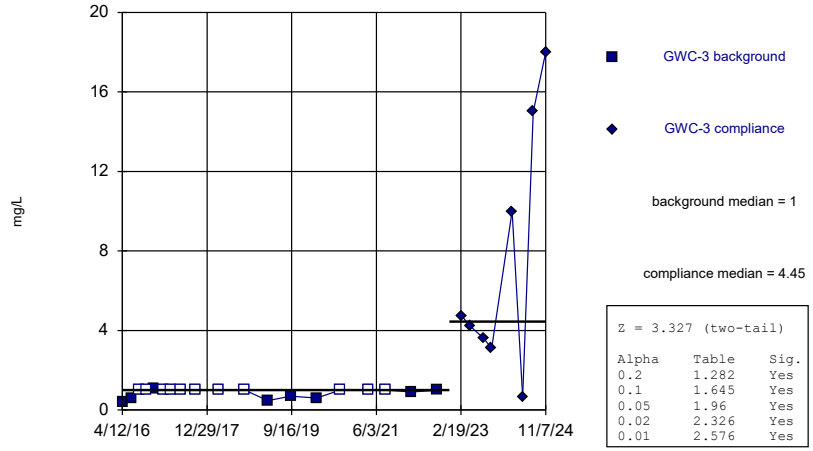
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 3.327 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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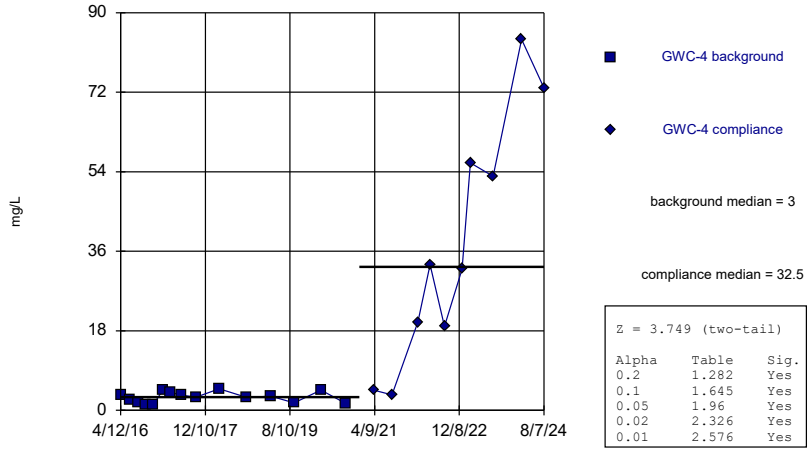
Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 3.749 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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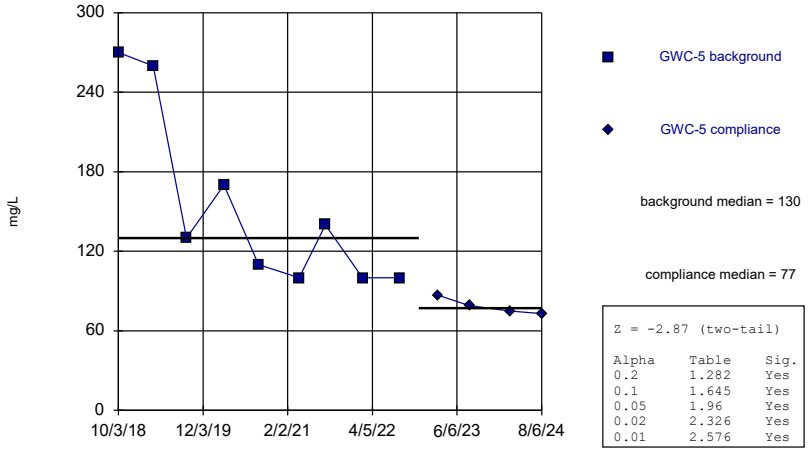
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -2.87 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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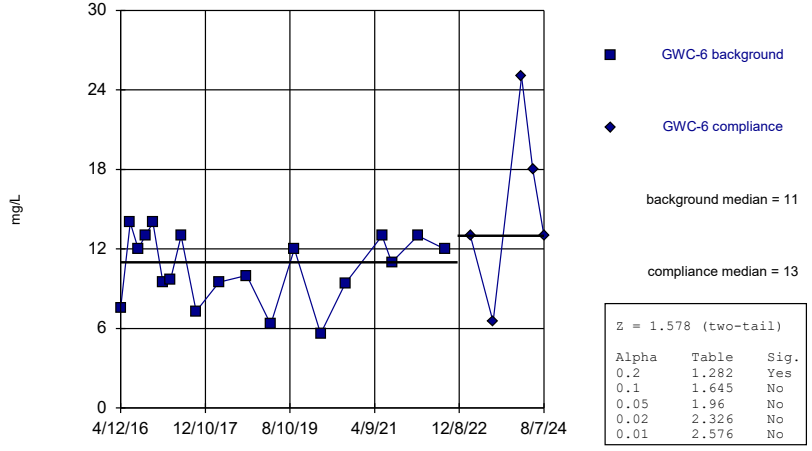
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 1.578 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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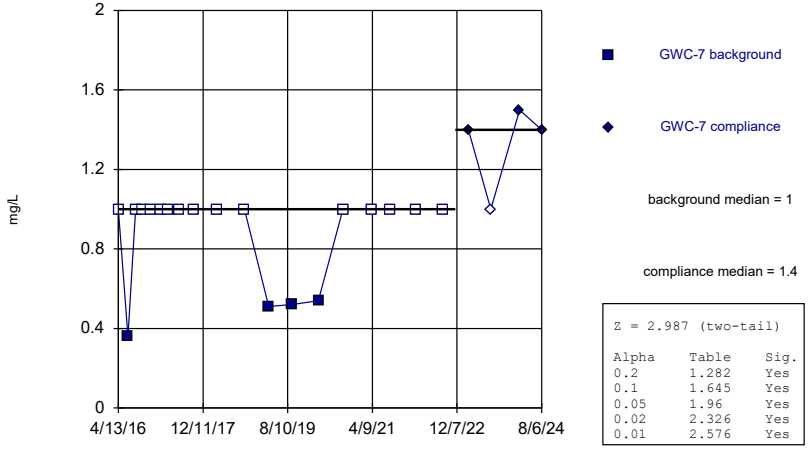
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 2.987 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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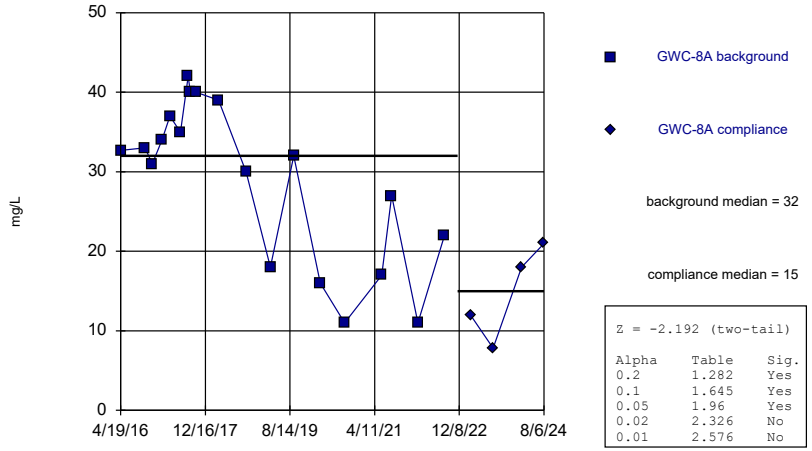
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -2.192 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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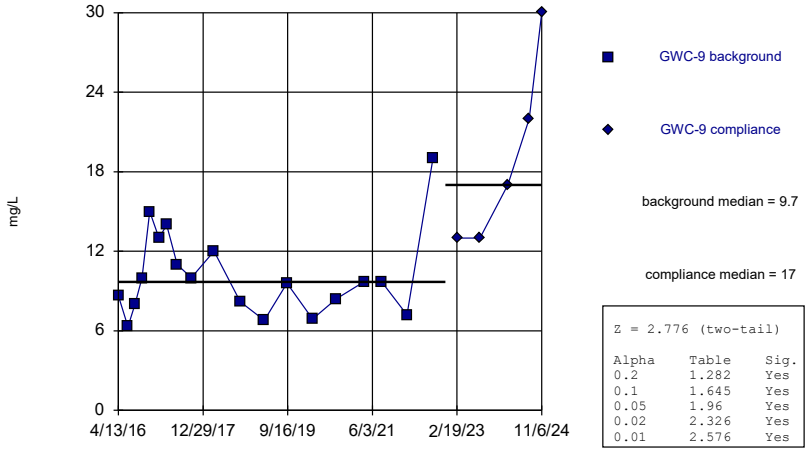
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 2.776 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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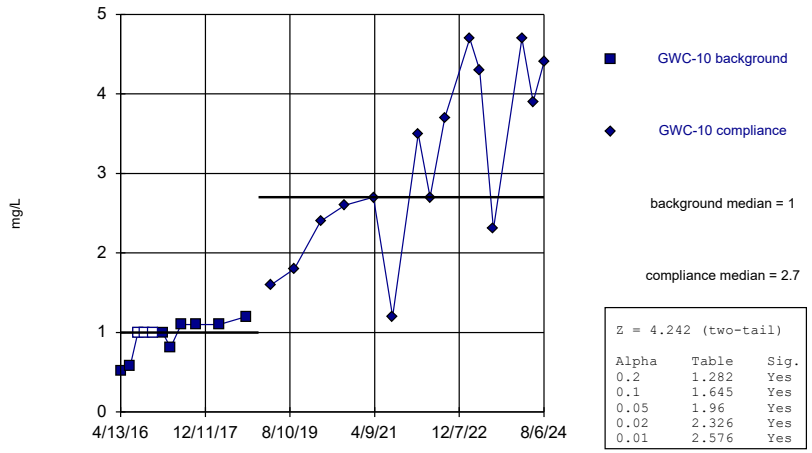
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 4.242 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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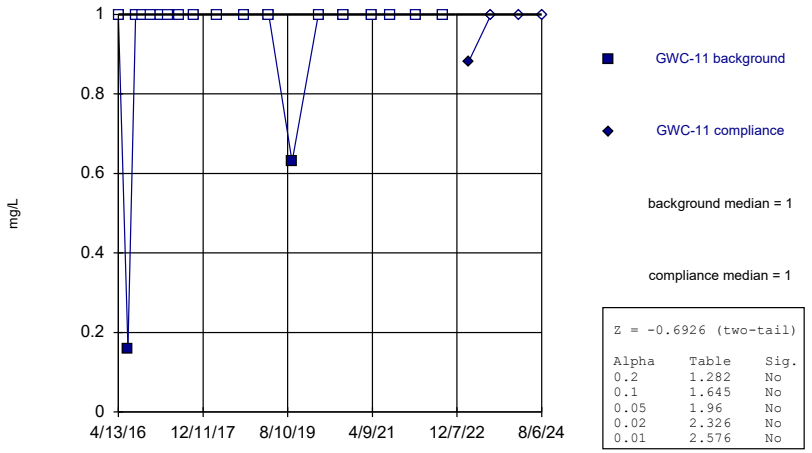
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -0.6926 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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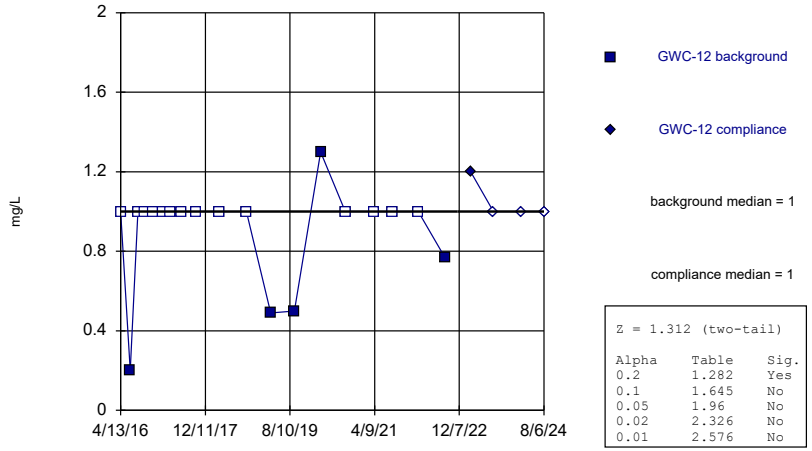
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 1.312 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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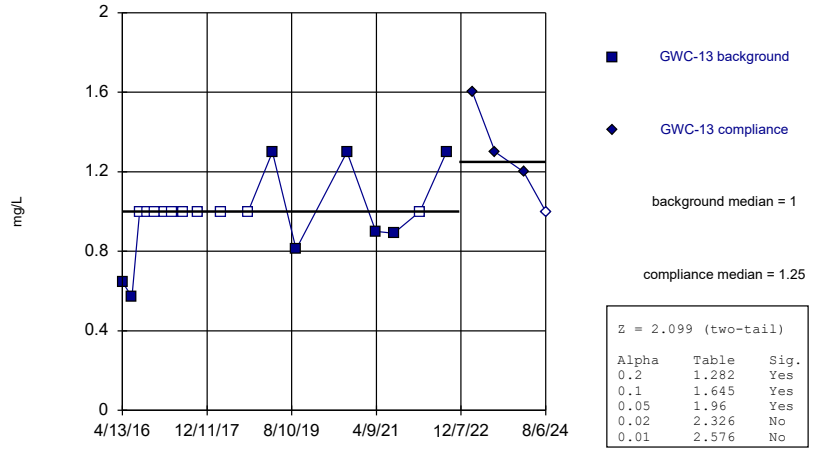
Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 2.099 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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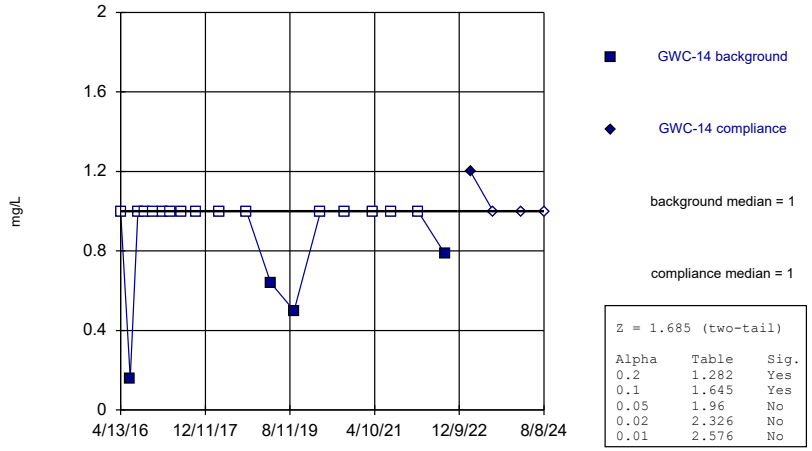
Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 1.685 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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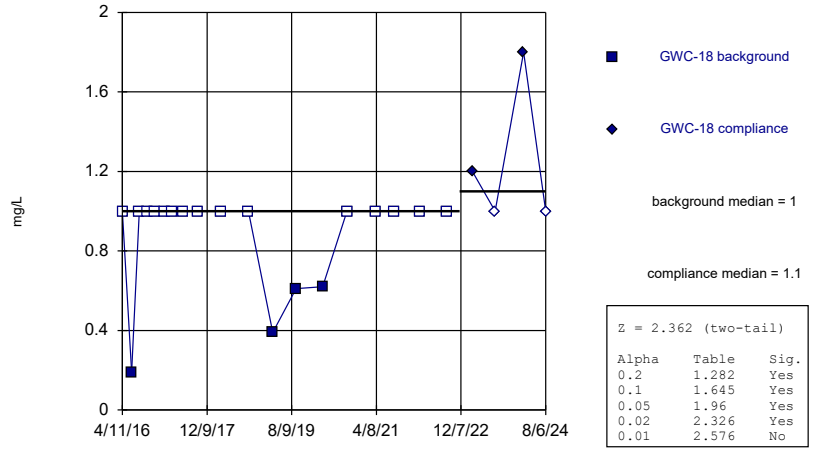
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 2.362 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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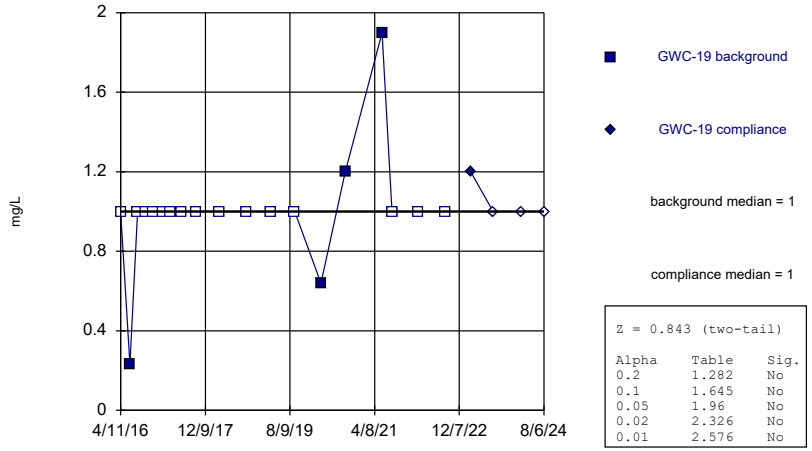
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.843 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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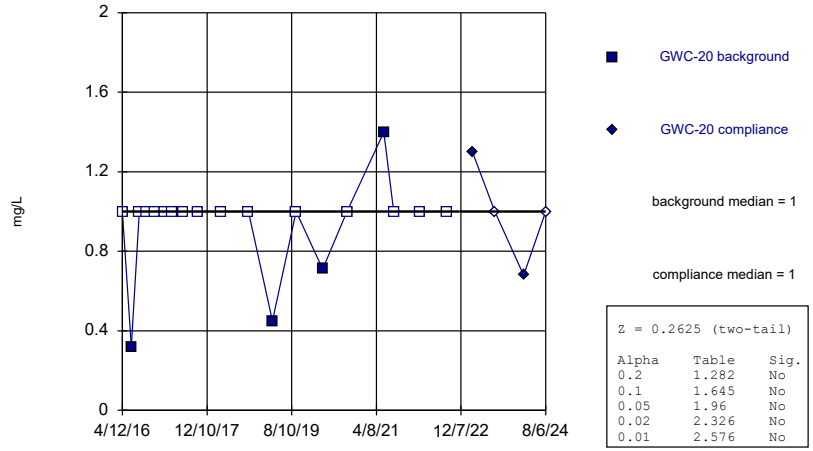
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.2625 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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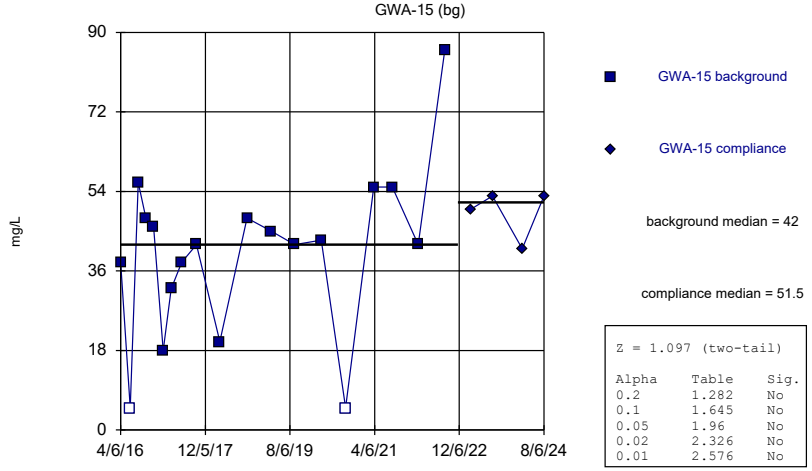
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 1.097 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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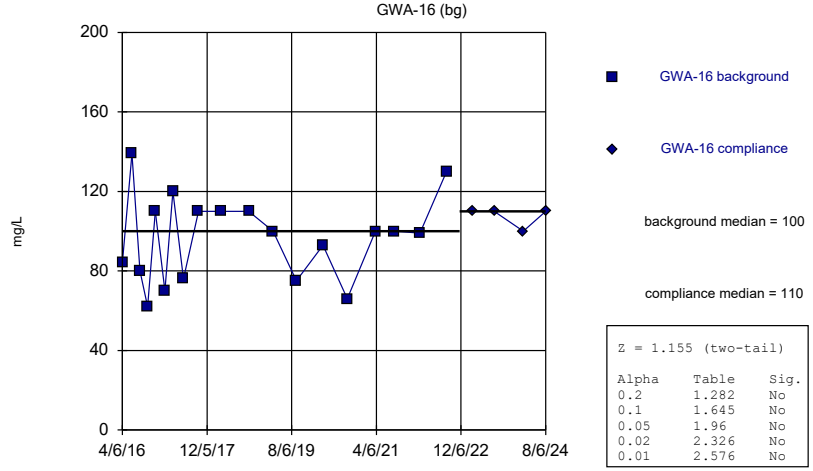
Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 1.155 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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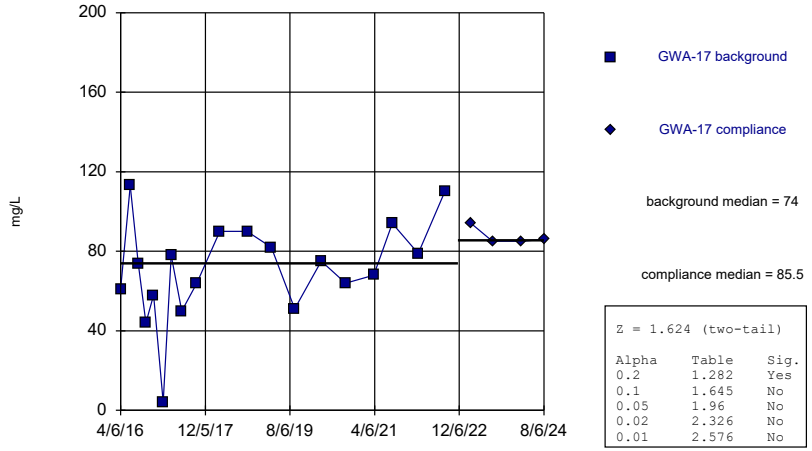
Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 1.624 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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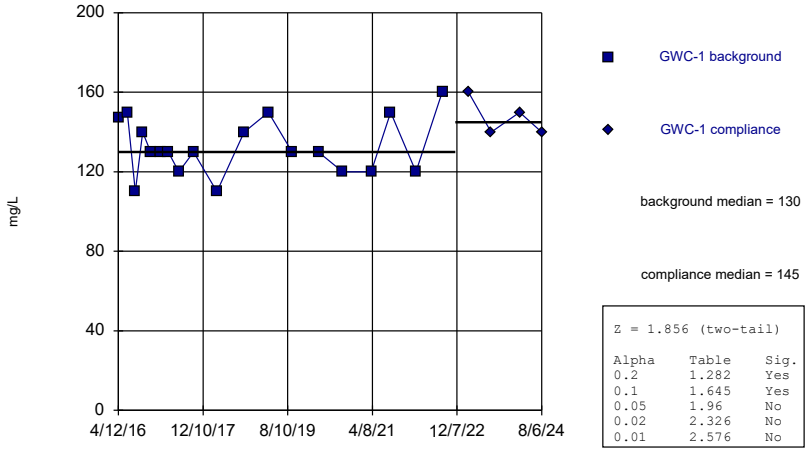
Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 1.856 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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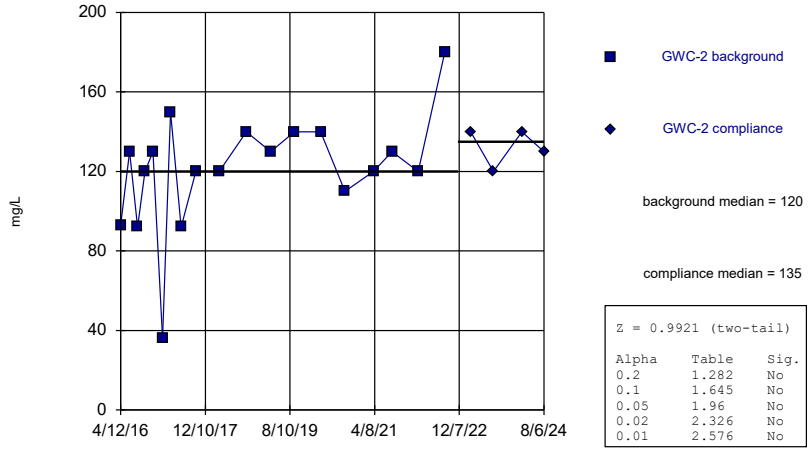
Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.9921 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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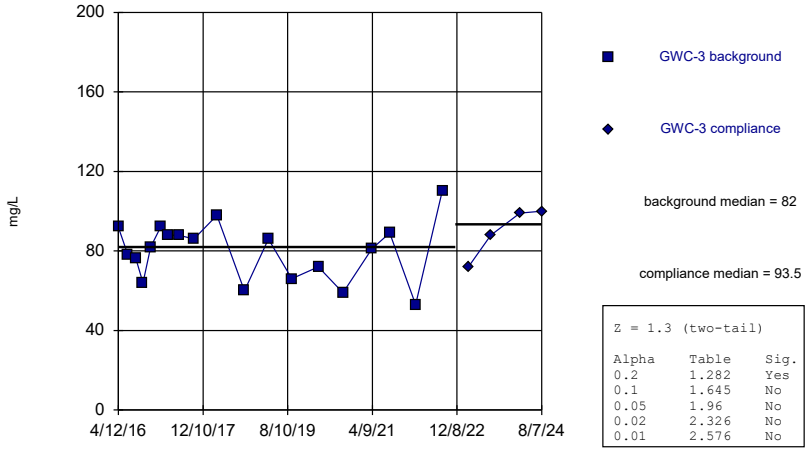
Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 1.3 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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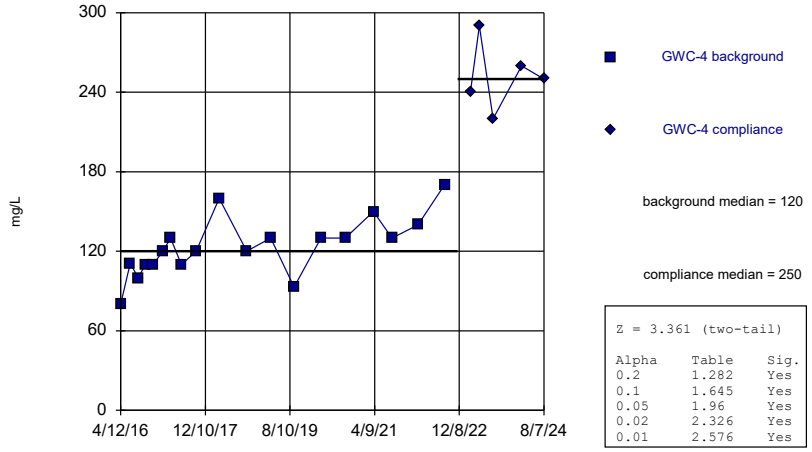
Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 3.361 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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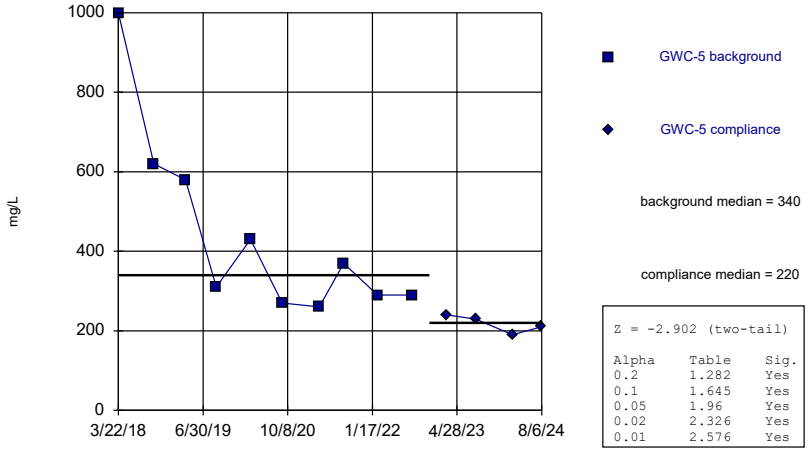
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -2.902 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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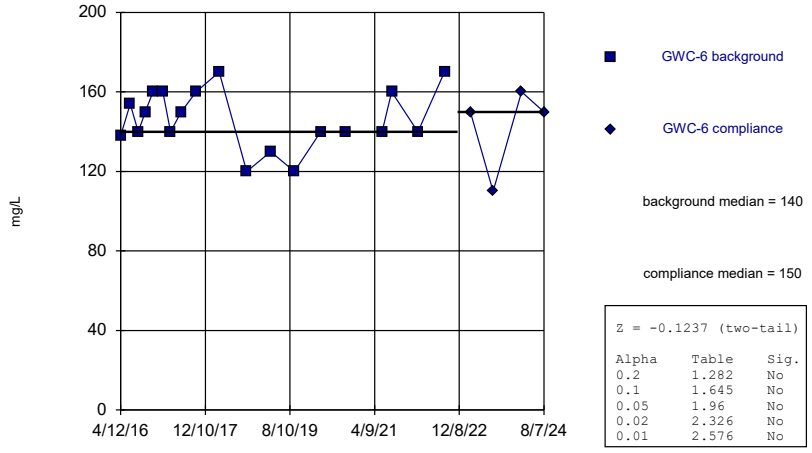
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -0.1237 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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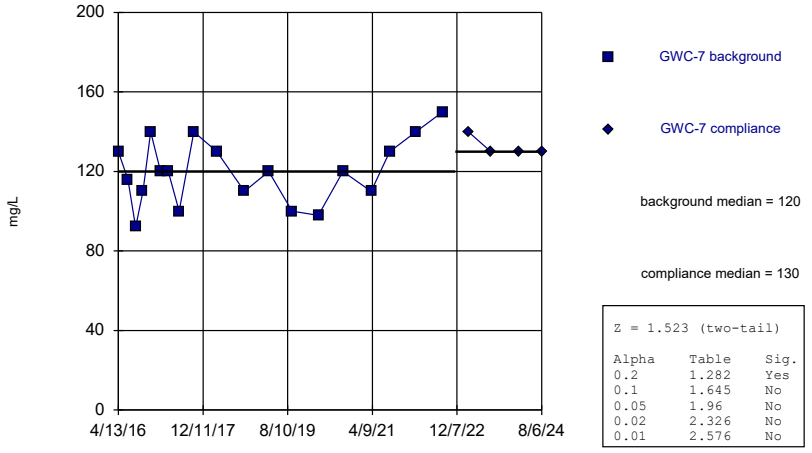
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 1.523 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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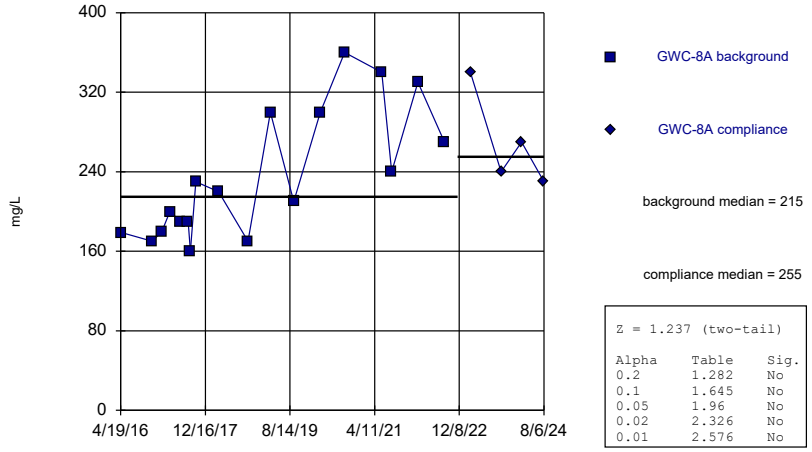
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 1.237 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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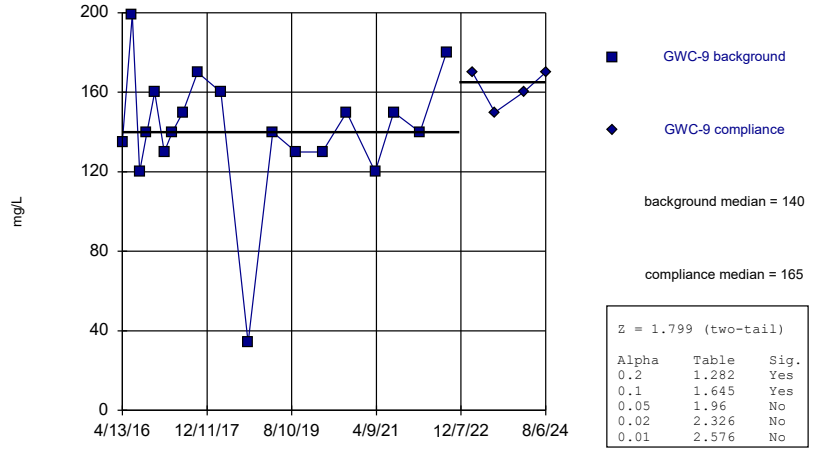
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 1.799 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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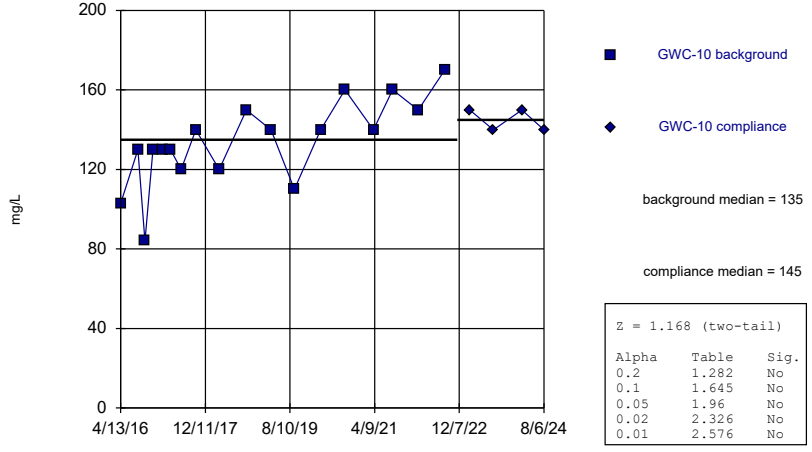
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 1.168 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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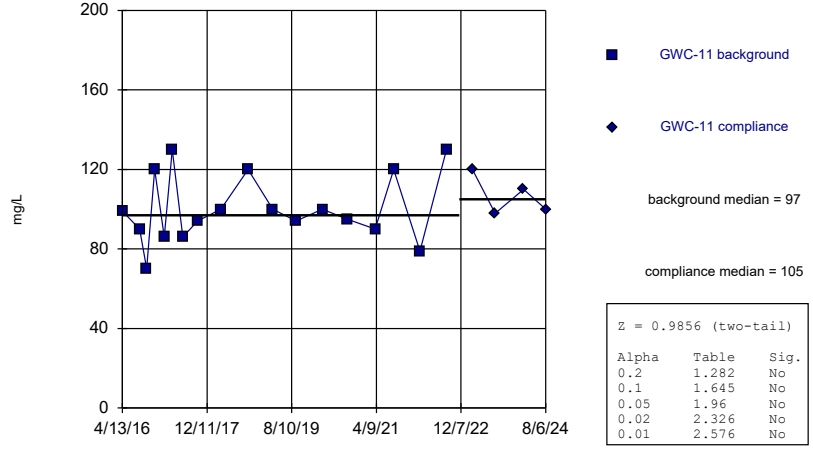
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.9856 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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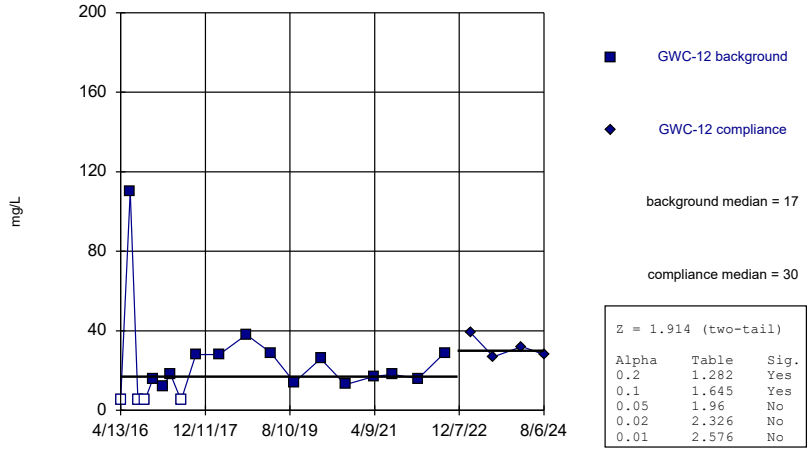
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 1.914 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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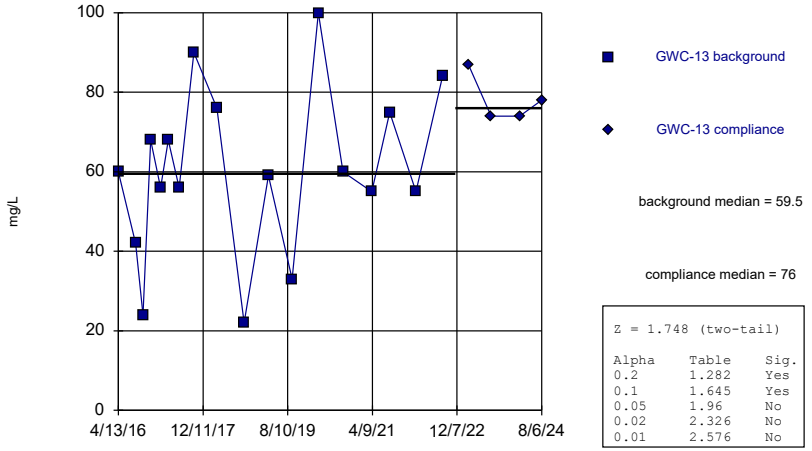
Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 1.748 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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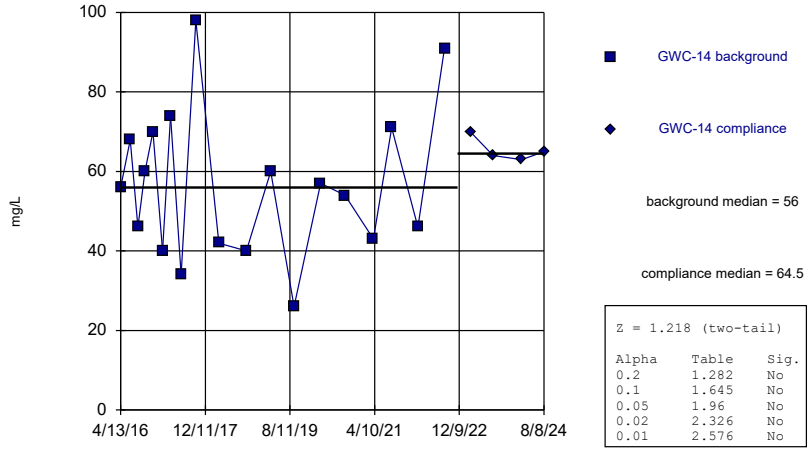
Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 1.218 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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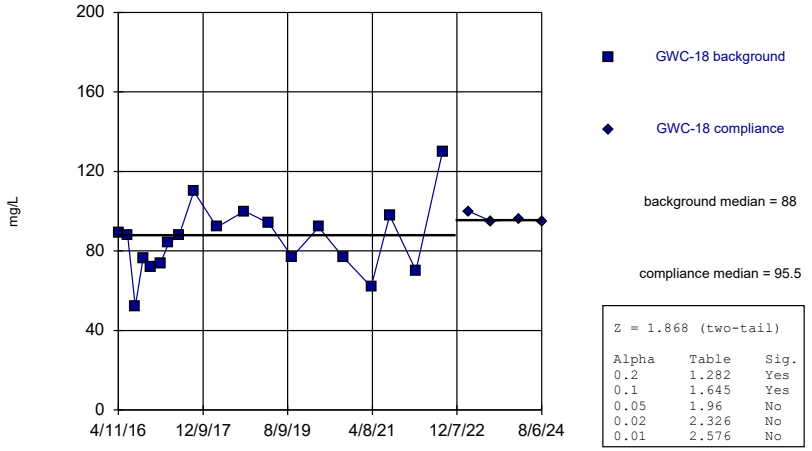
Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 1.868 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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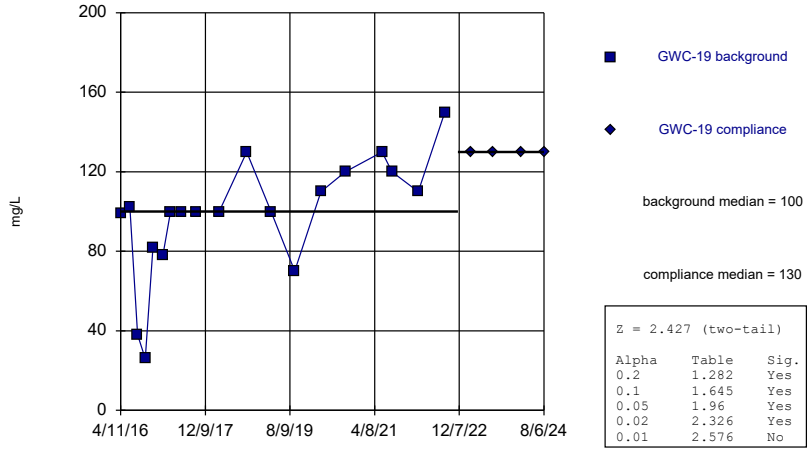
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 2.427 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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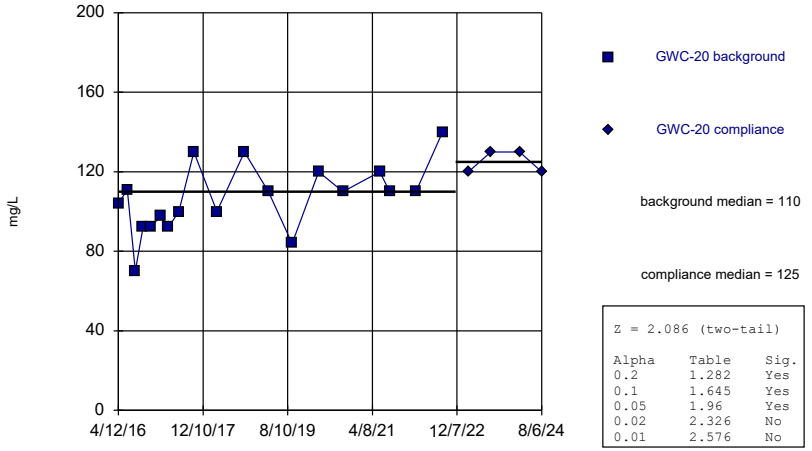
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 2.086 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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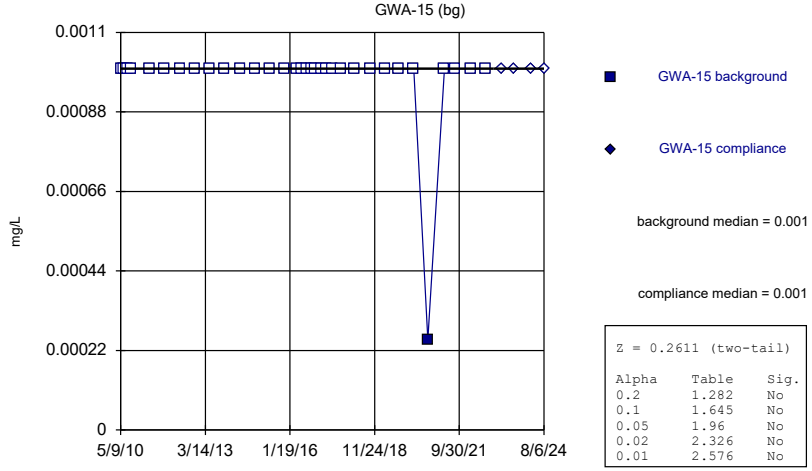
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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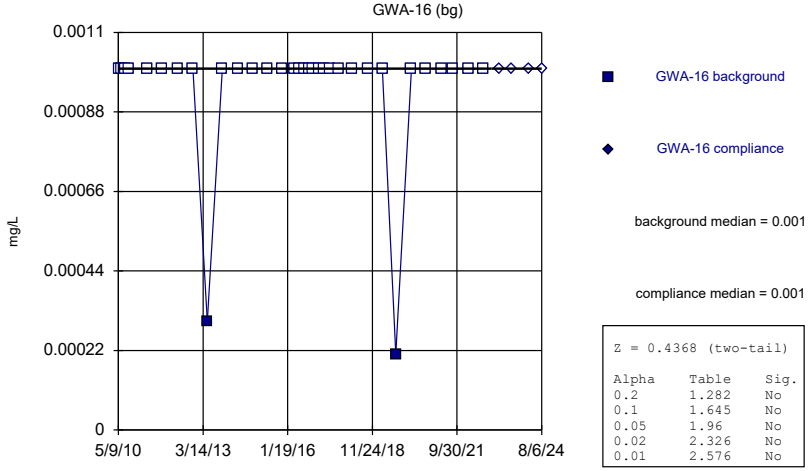
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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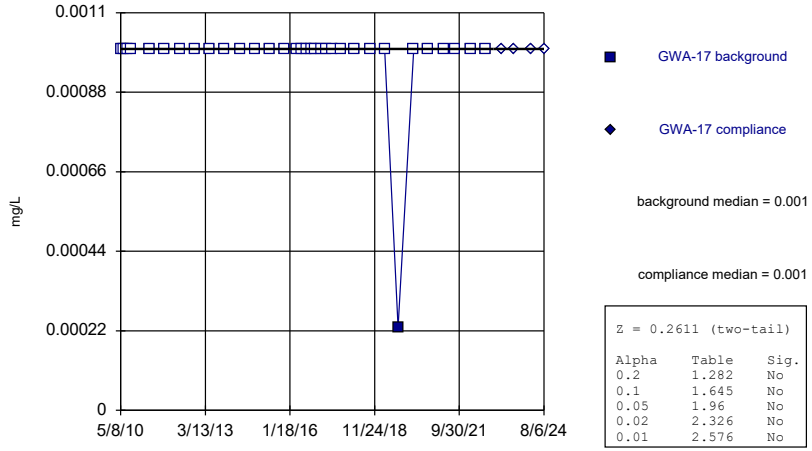
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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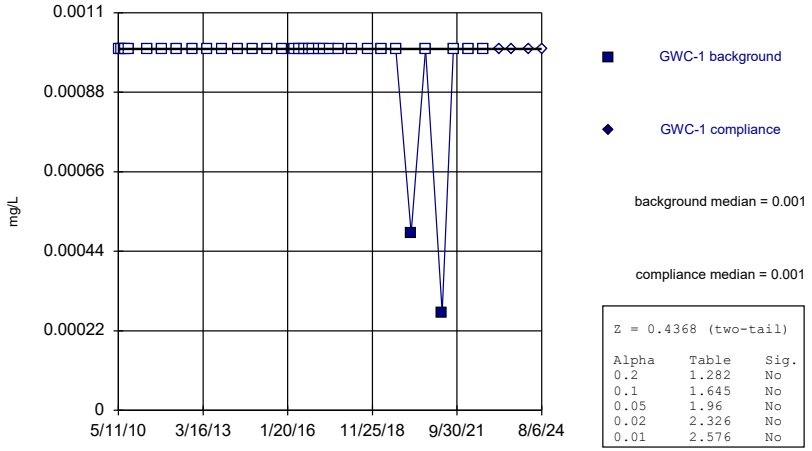
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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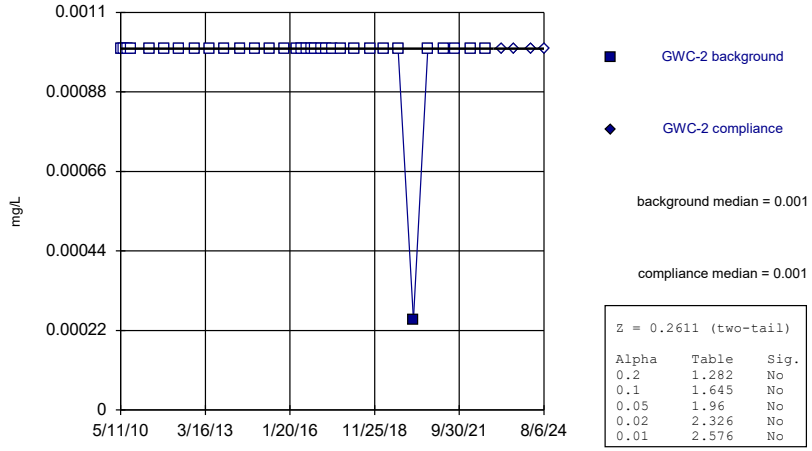
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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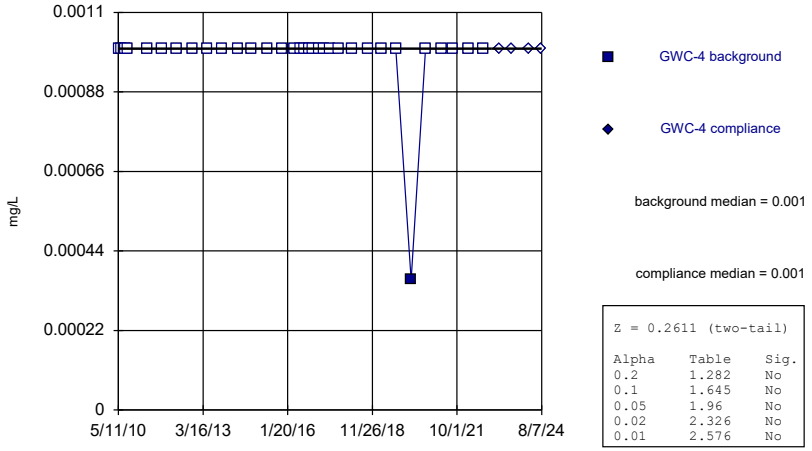
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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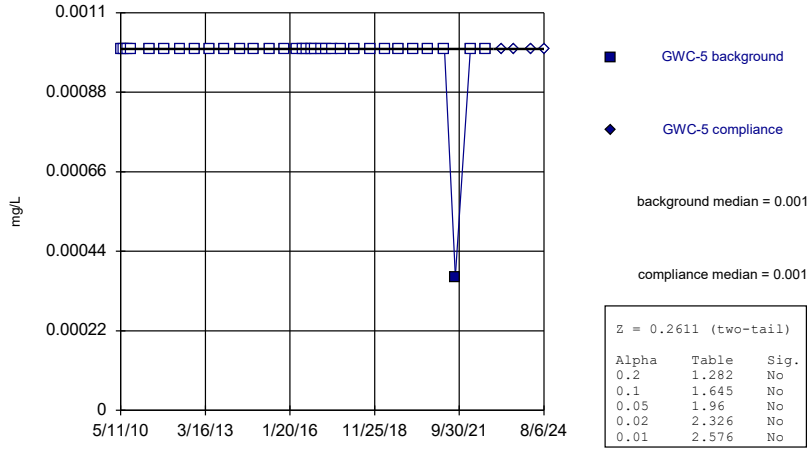
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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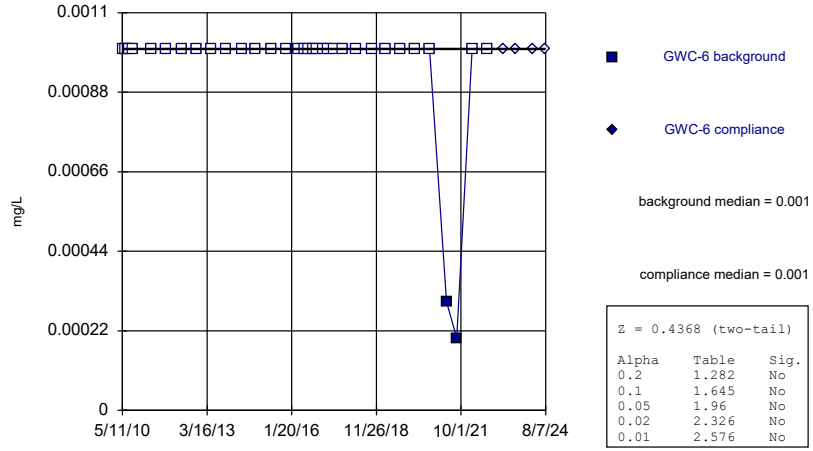
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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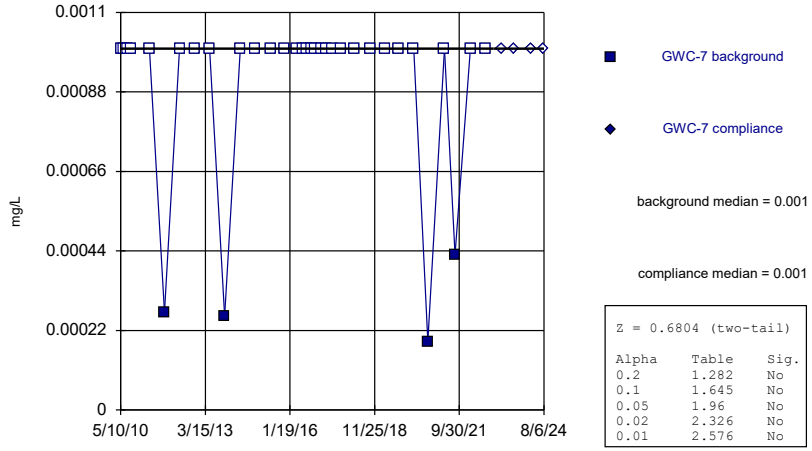
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.6804 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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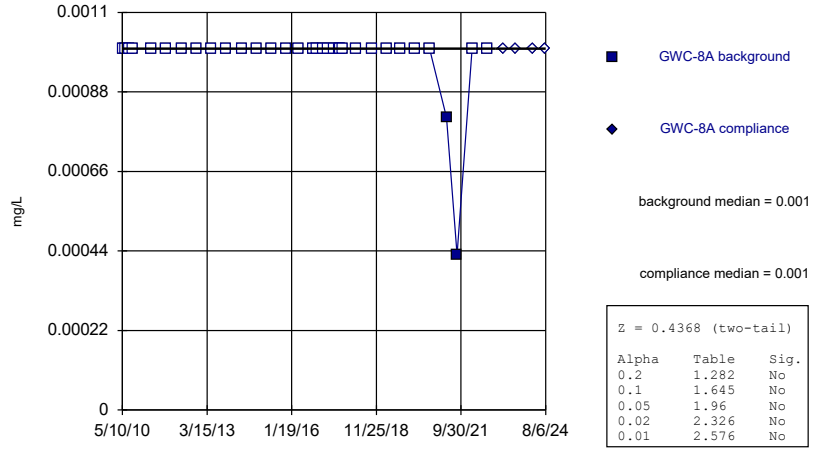
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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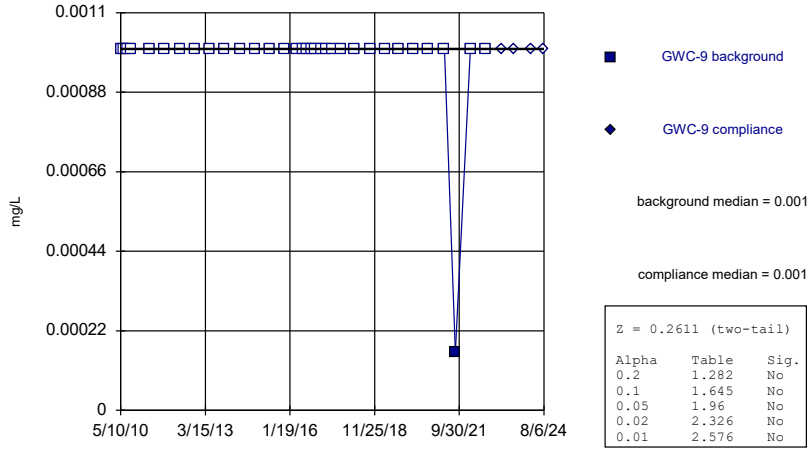
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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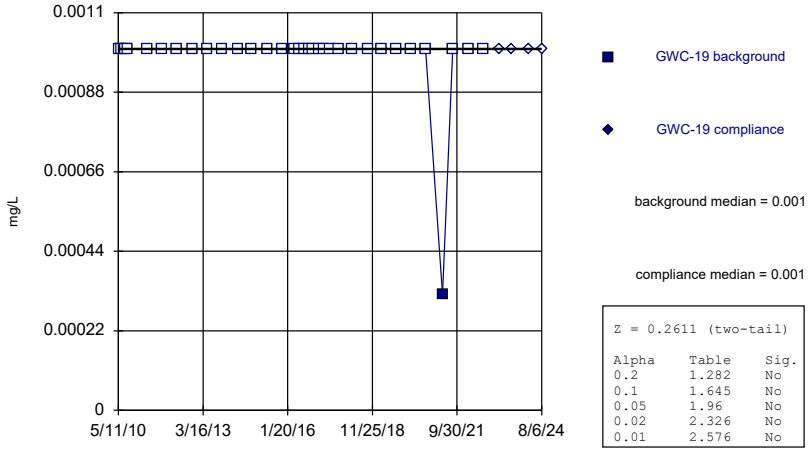
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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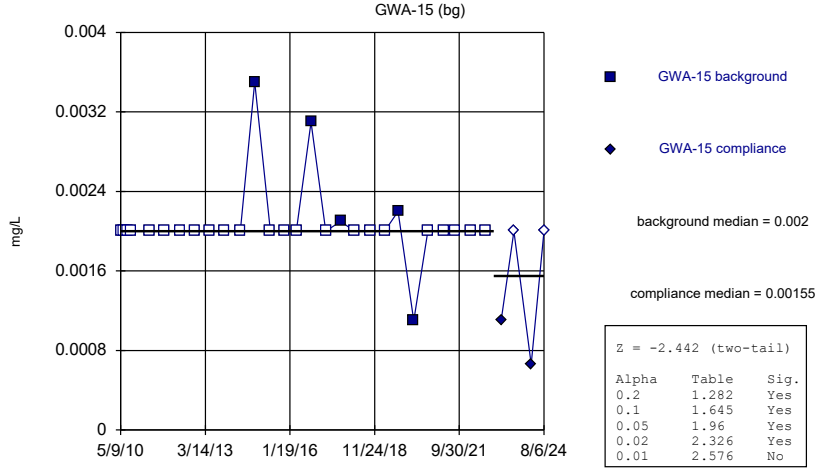
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -2.442 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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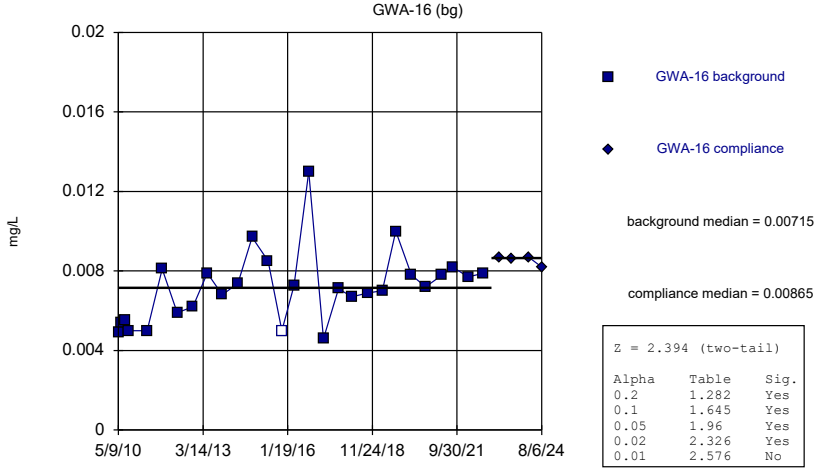
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 2.394 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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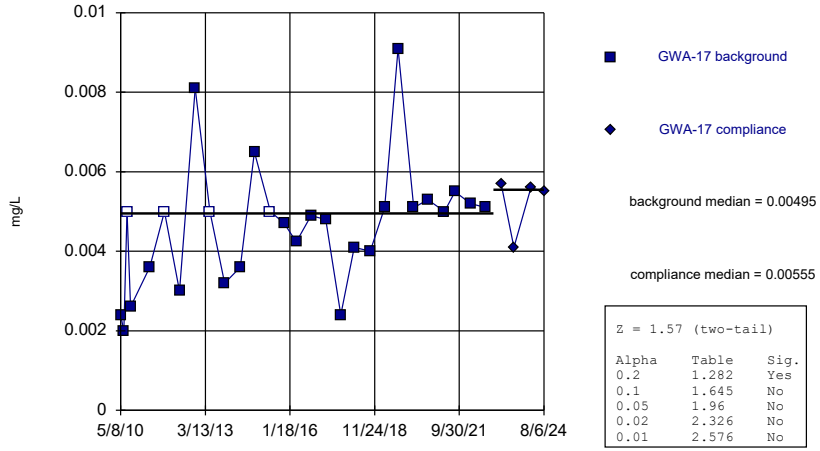
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 1.57 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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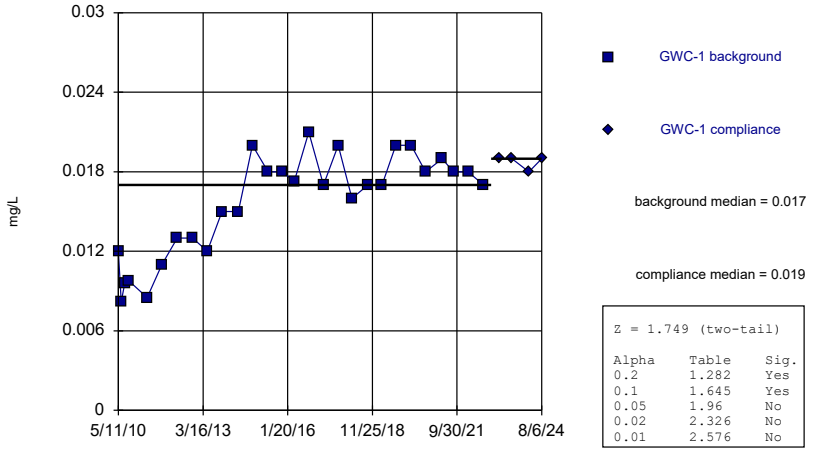
Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 1.749 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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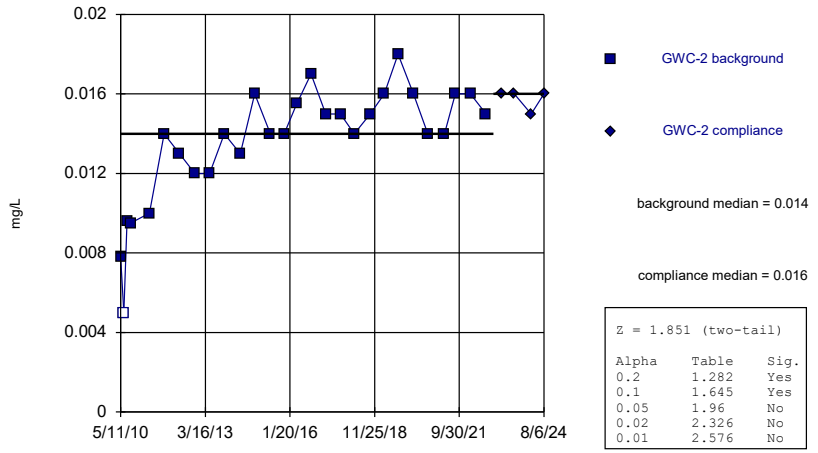
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 1.851 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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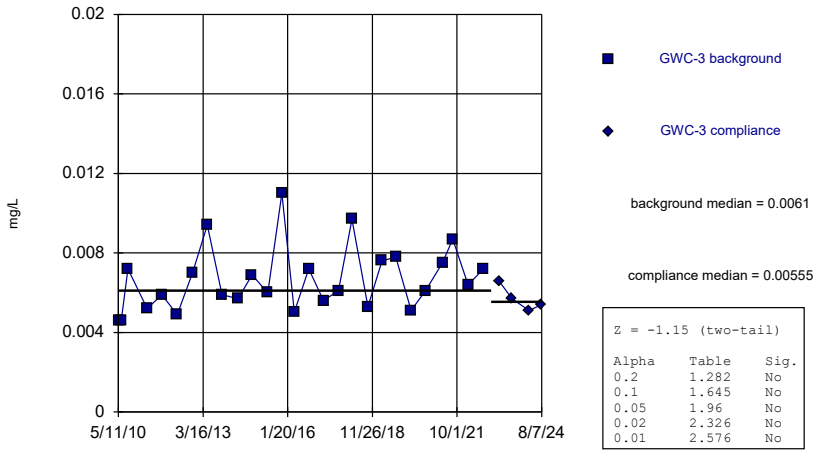
Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = -1.15 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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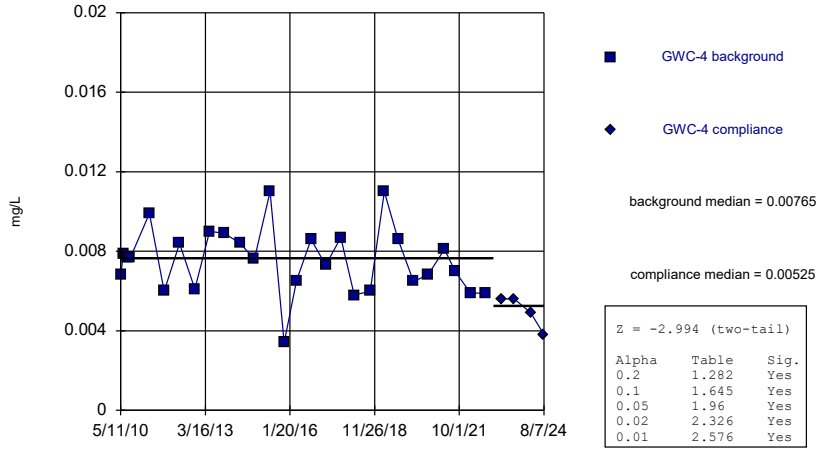
Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



background median = 0.00765

compliance median = 0.00525

Z = -2.994 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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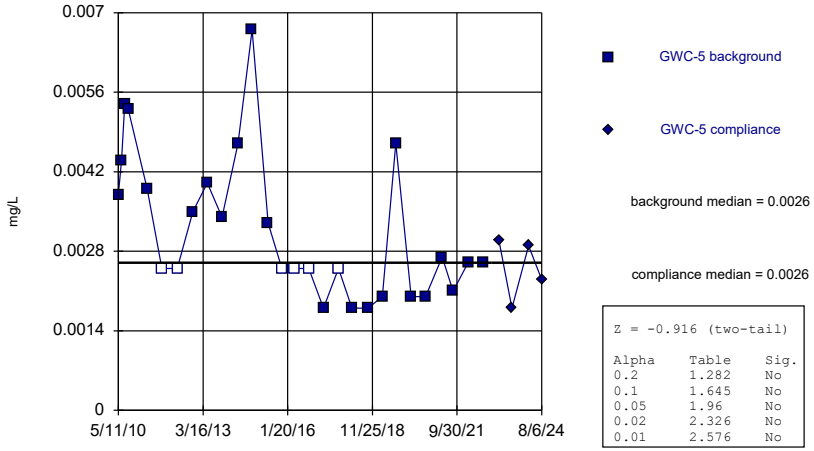
Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



background median = 0.0026

compliance median = 0.0026

Z = -0.916 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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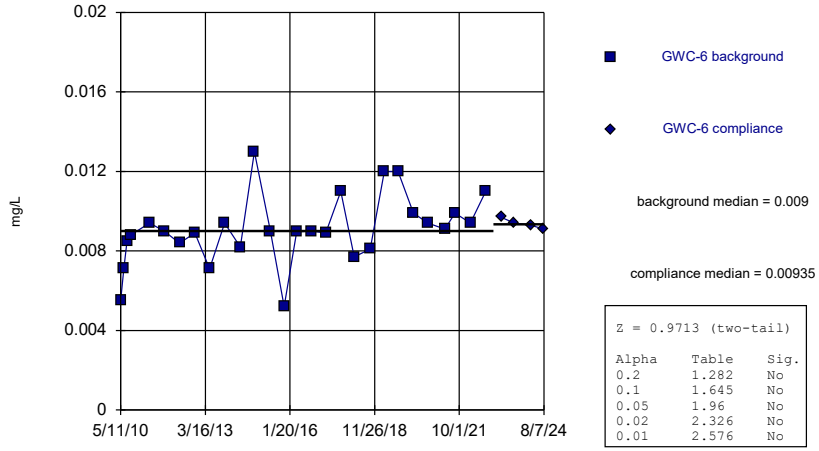
Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



background median = 0.009

compliance median = 0.00935

Z = 0.9713 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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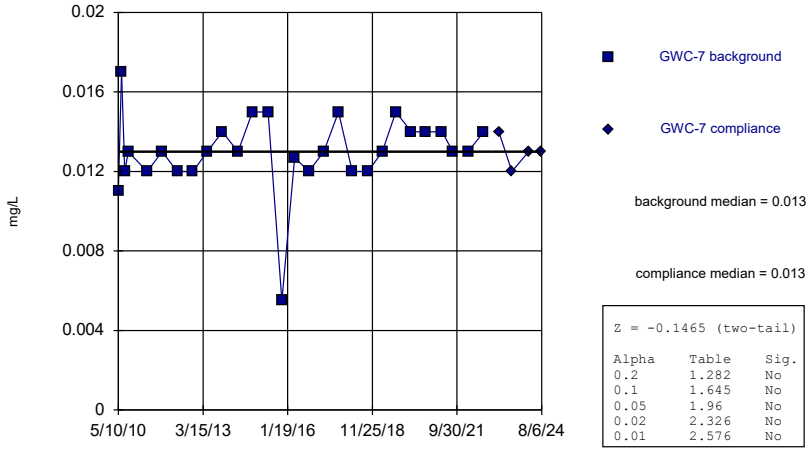
Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



background median = 0.013

compliance median = 0.013

Z = -0.1465 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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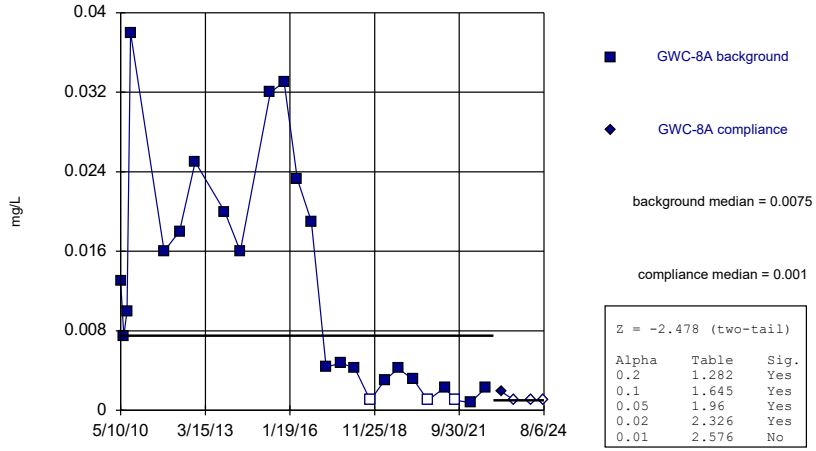
Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -2.478 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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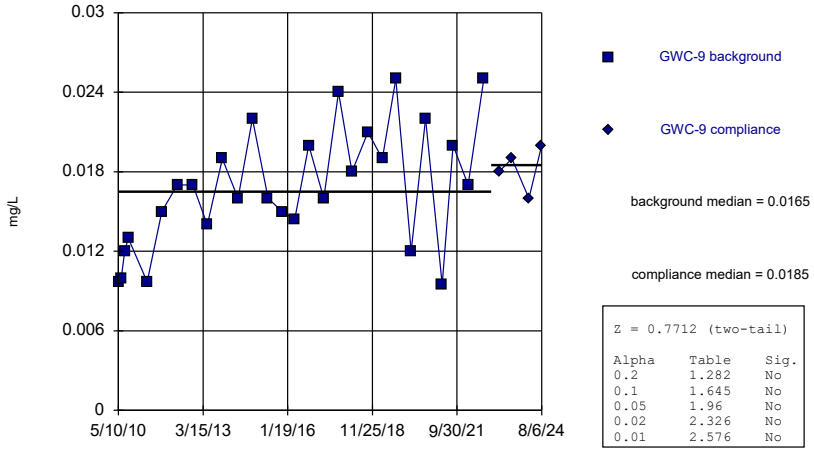
Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.7712 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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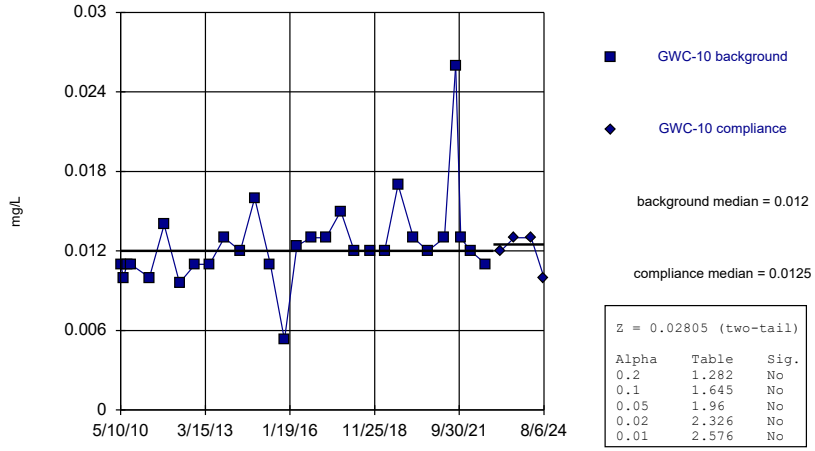
Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.02805 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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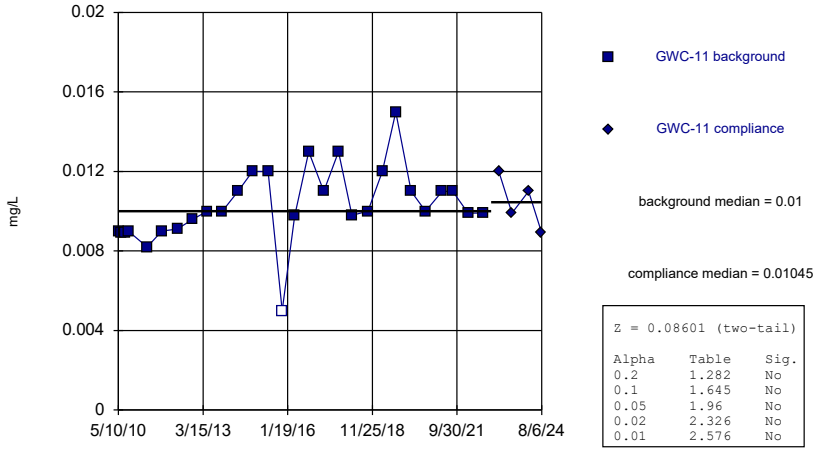
Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.08601 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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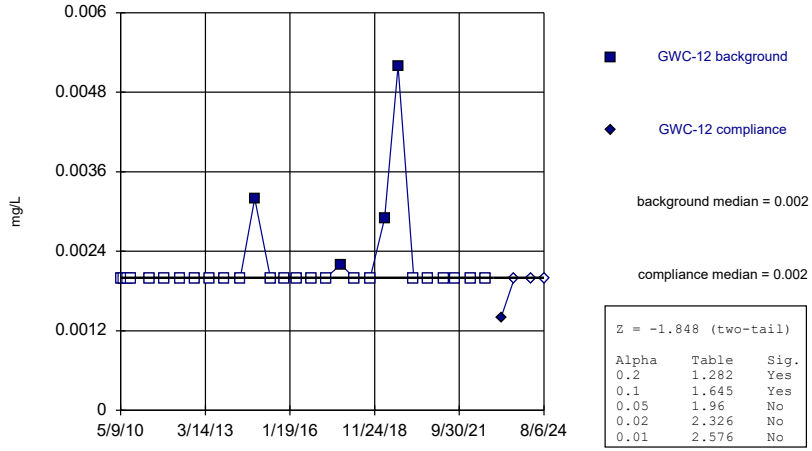
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -1.848 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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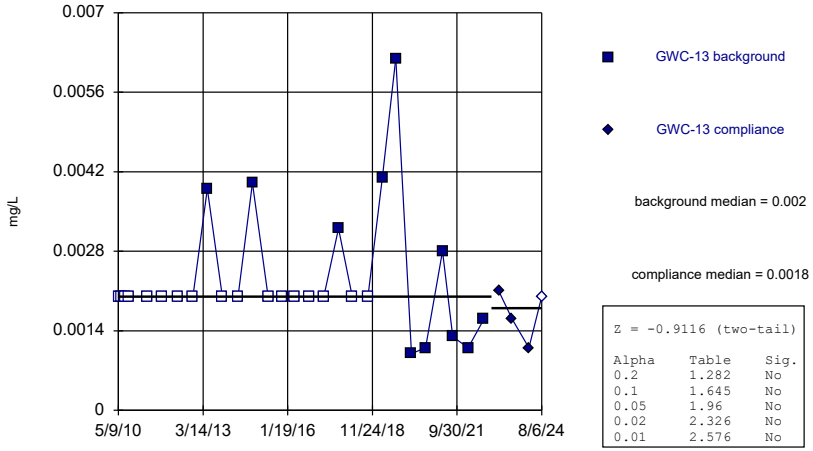
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -0.9116 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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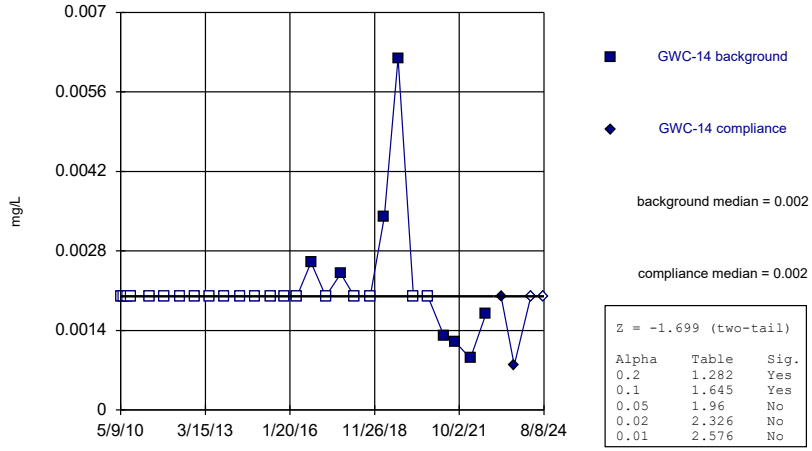
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -1.699 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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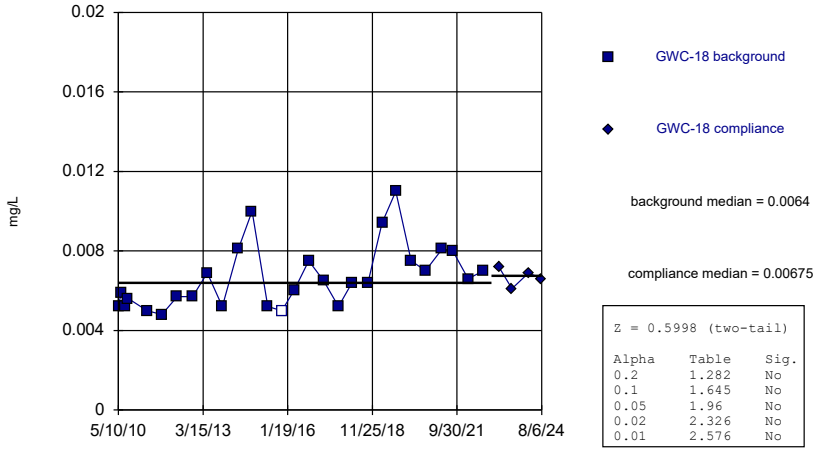
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.5998 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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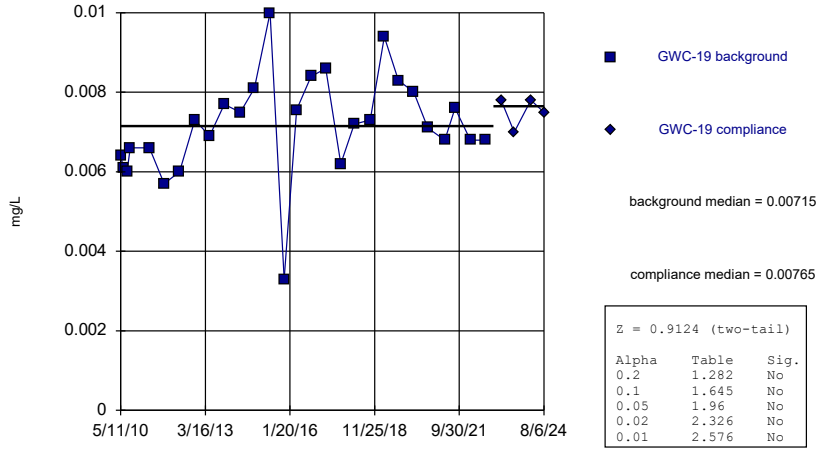
Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



background median = 0.00715

compliance median = 0.00765

Z = 0.9124 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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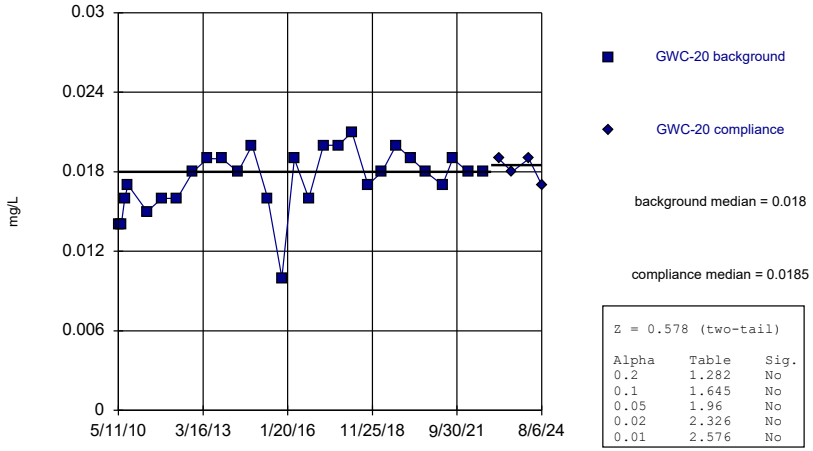
Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



background median = 0.018

compliance median = 0.0185

Z = 0.578 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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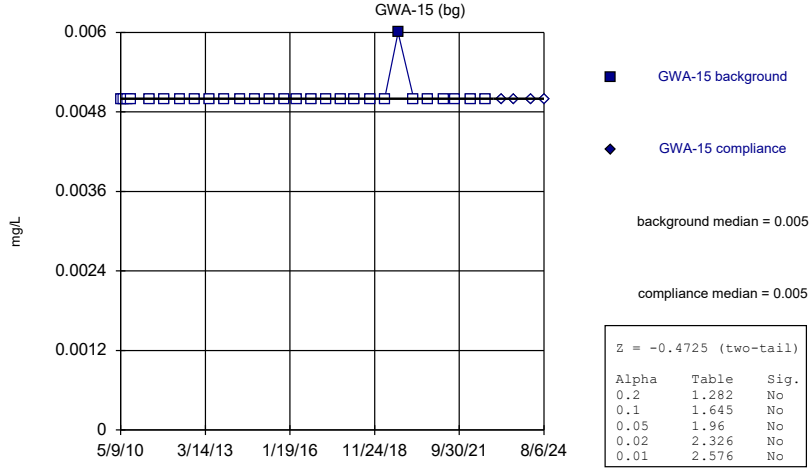
Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



background median = 0.005

compliance median = 0.005

Z = -0.4725 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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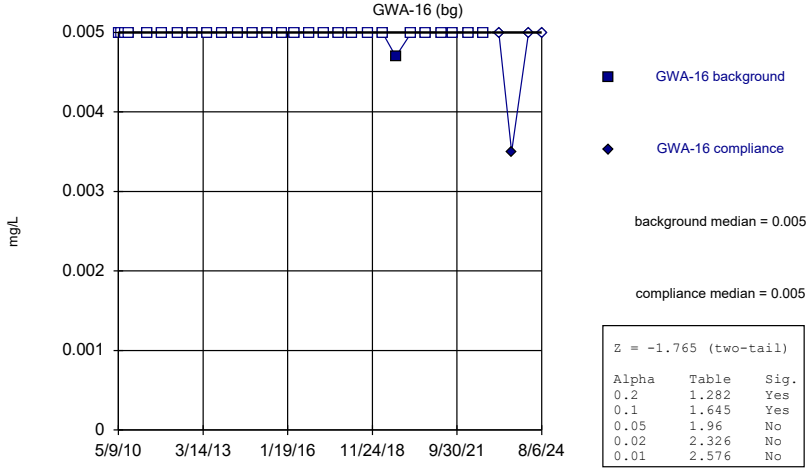
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



background median = 0.005

compliance median = 0.005

Z = -1.765 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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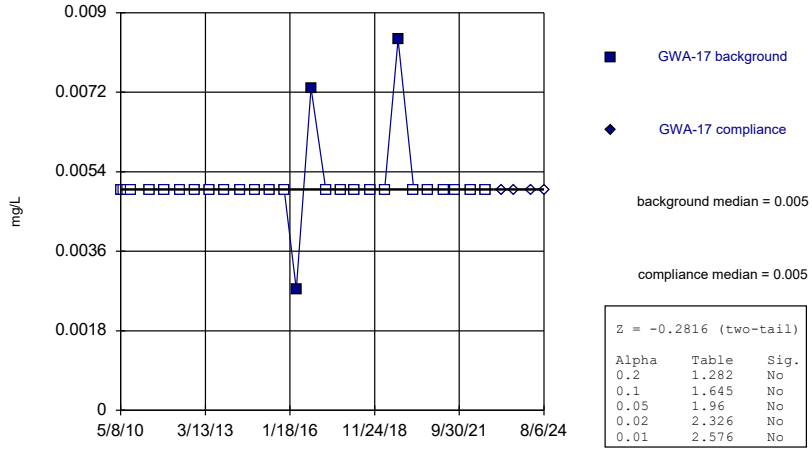
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = -0.2816 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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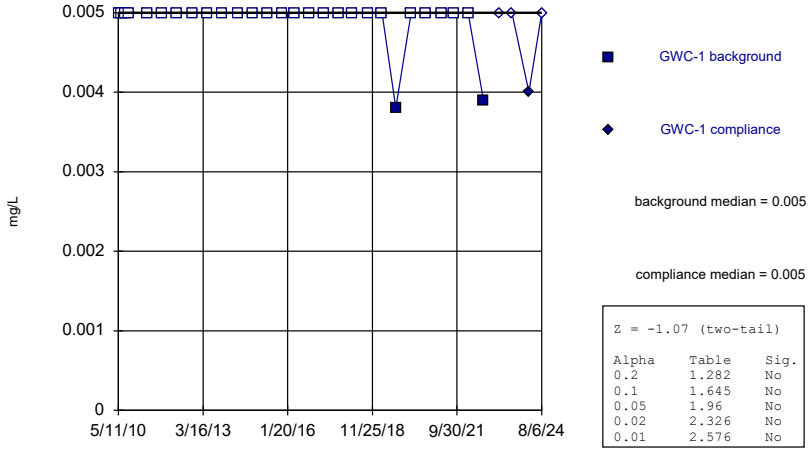
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -1.07 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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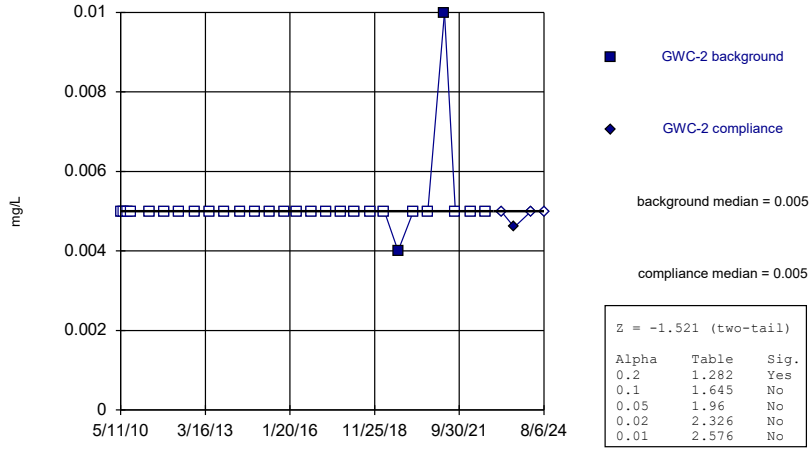
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = -1.521 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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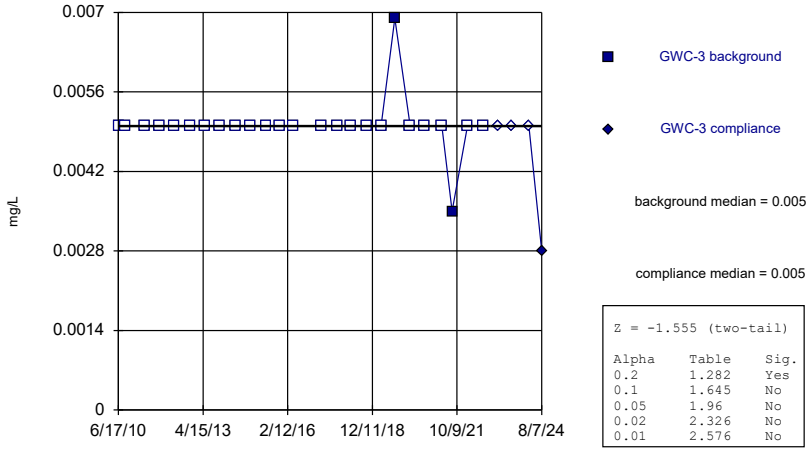
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = -1.555 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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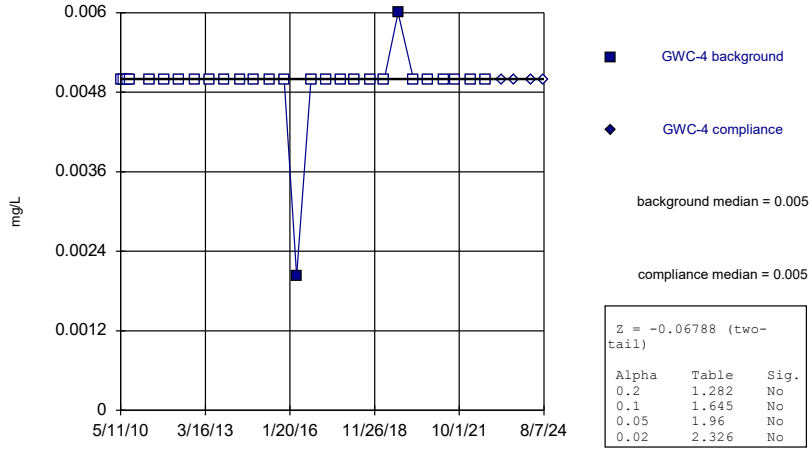
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -0.06788 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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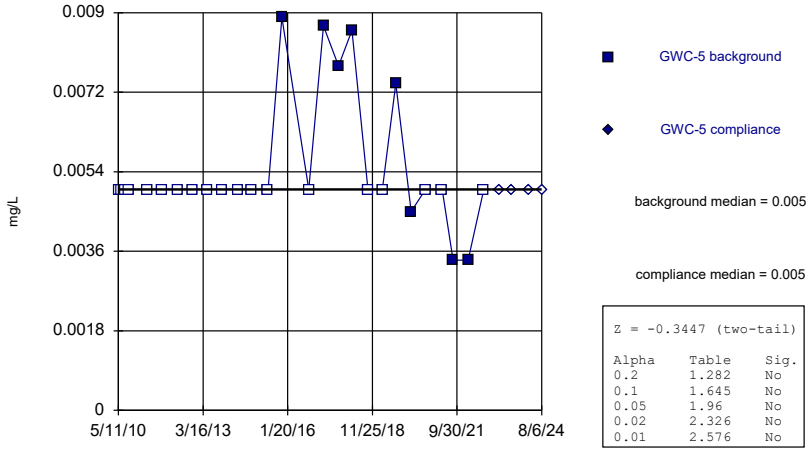
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -0.3447 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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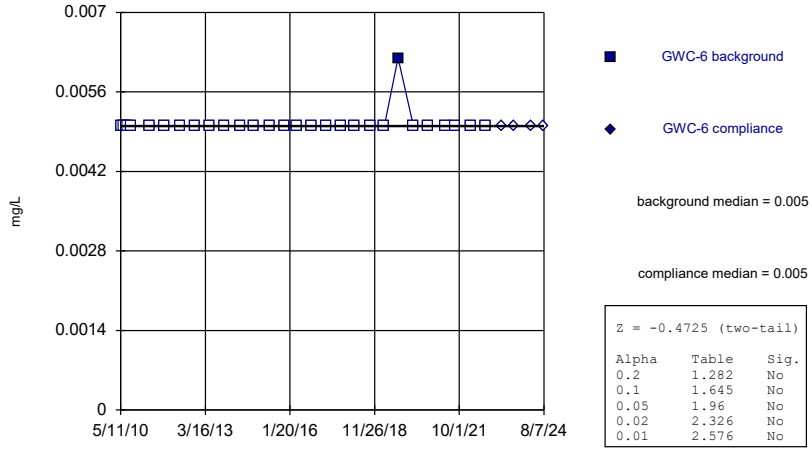
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -0.4725 (two-tail)

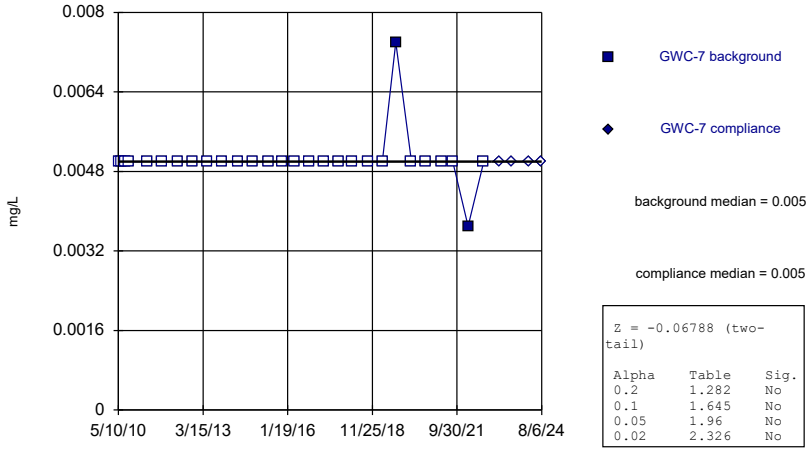
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = -0.06788 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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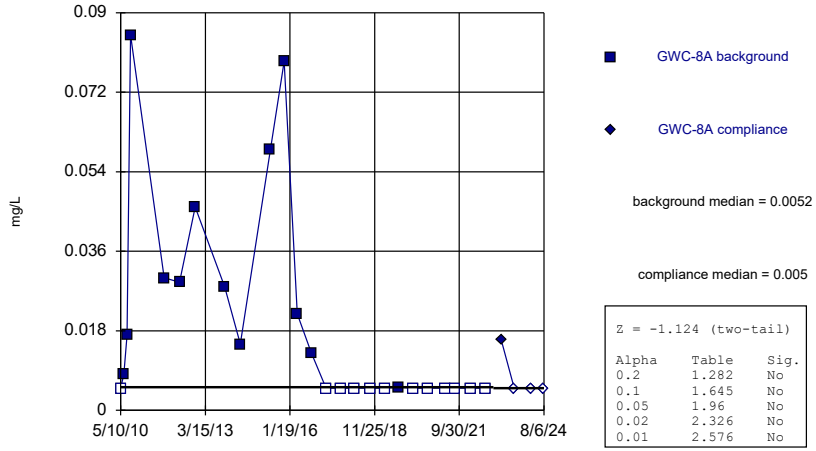
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -1.124 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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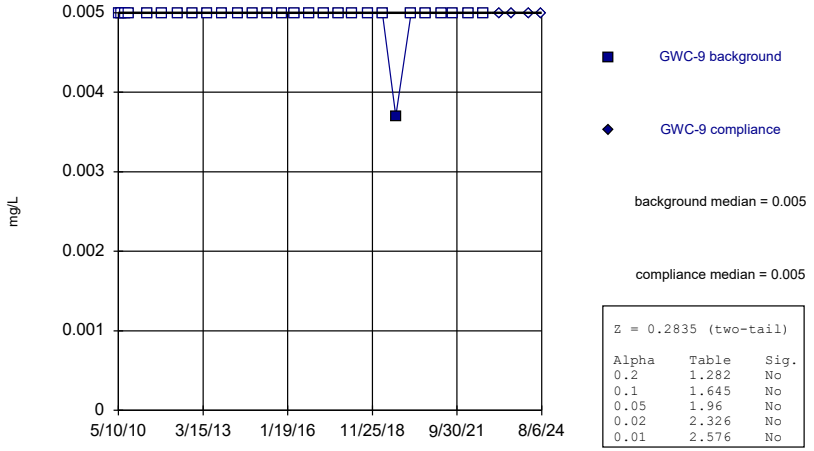
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.2835 (two-tail)

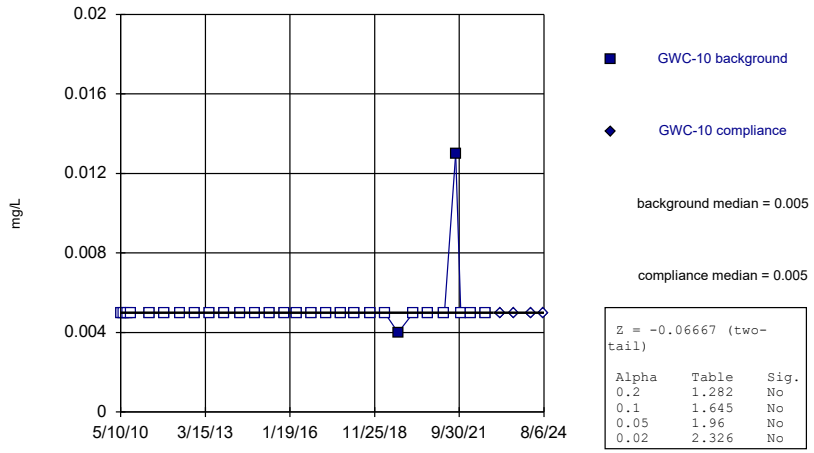
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.06667 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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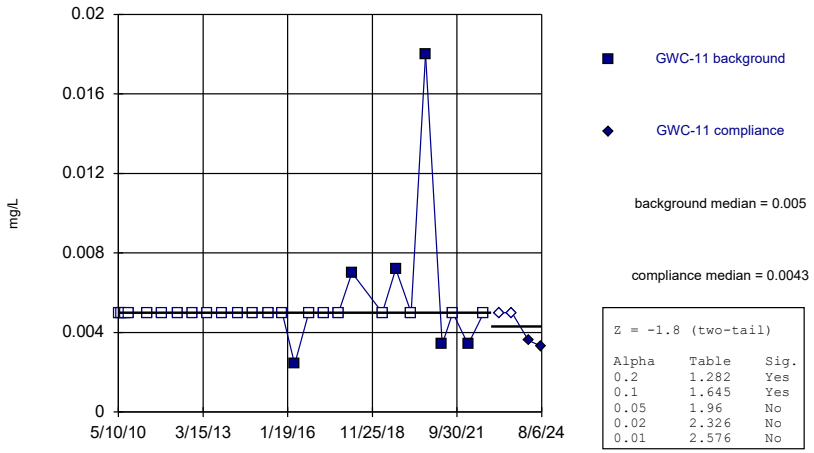
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -1.8 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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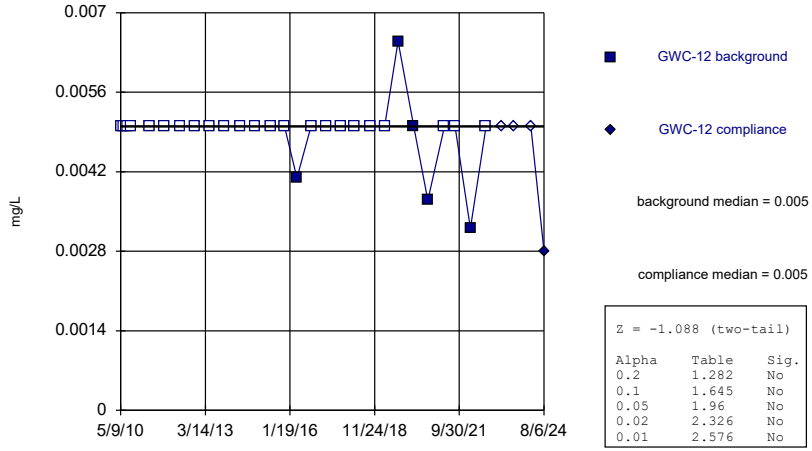
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -1.088 (two-tail)

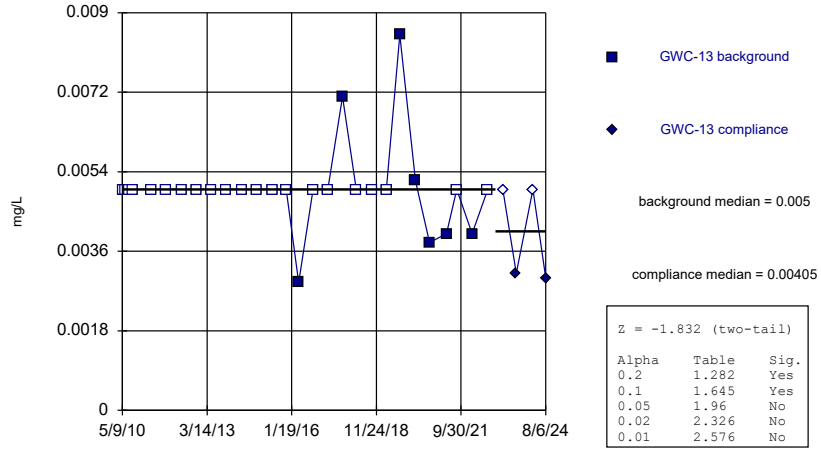
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -1.832 (two-tail)

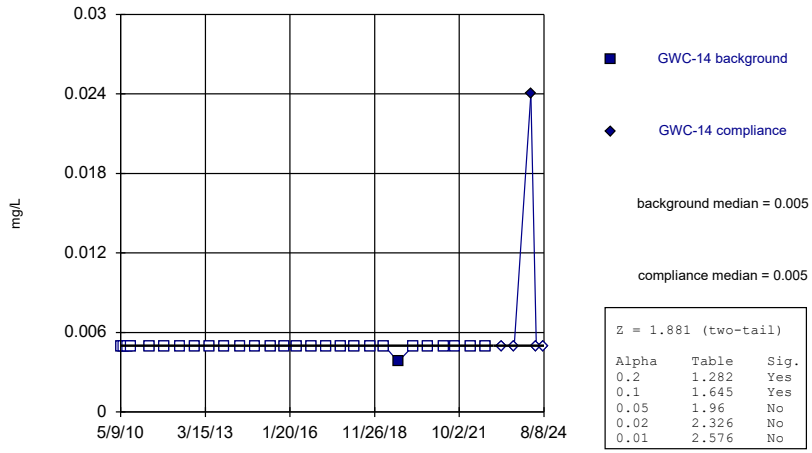
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 1.881 (two-tail)

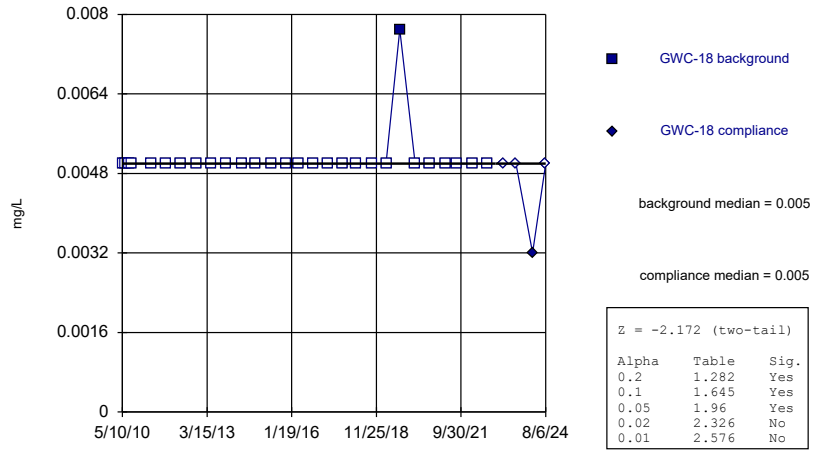
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = -2.172 (two-tail)

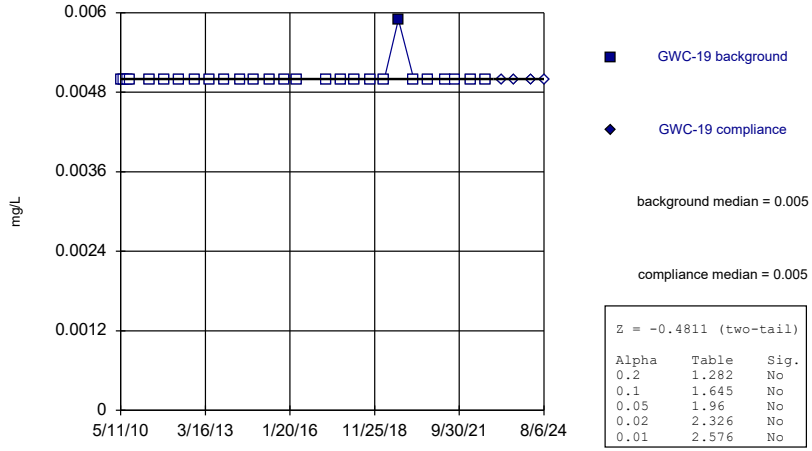
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = -0.4811 (two-tail)

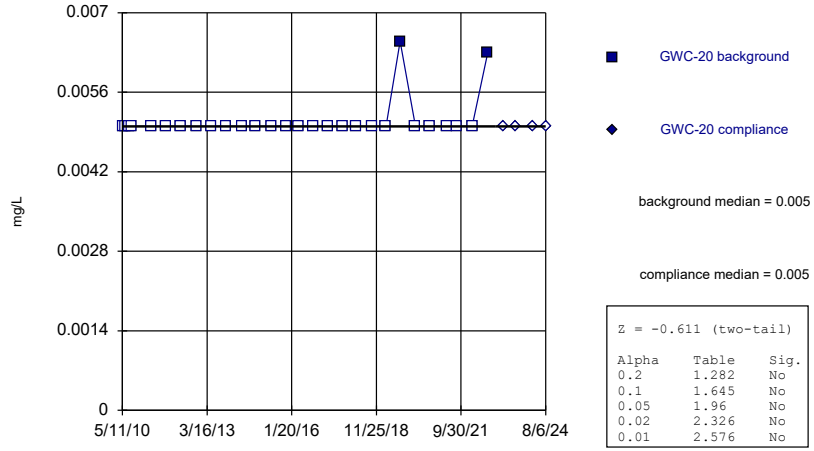
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -0.611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/29/2016	<0.002	
2/7/2017	0.001 (J)	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00042 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013 (J)	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	0.0002 (J)	
8/12/2016	<0.002	
10/5/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/9/2023		<0.002
3/4/2024		0.0013 (J)
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	<0.002	
8/12/2016	<0.002	
10/6/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.00058 (J)	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
6/20/2016	0.0002 (J)	
8/15/2016	<0.002	
10/6/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	0.000646 (J)	
6/21/2016	<0.002	
8/15/2016	<0.002	
10/5/2016	<0.002	
12/1/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
6/21/2016	0.0003 (J)	
8/15/2016	<0.002	
10/7/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00018 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00039 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00014 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	0.01 (J)	
6/18/2010	0.01 (J)	
7/28/2010	0.011 (J)	
9/9/2010	0.011 (J)	
4/30/2011	0.0091 (J)	
10/28/2011	0.0096 (J)	
5/2/2012	0.012	
11/9/2012	0.012	
5/8/2013	0.01	
11/5/2013	0.0098 (J)	
5/20/2014	0.0081 (J)	
11/12/2014	0.0098 (J)	
5/22/2015	0.0088 (J)	
11/11/2015	0.011	
4/6/2016	0.00959 (J)	
6/15/2016	0.0091 (J)	
8/10/2016	0.009	
10/4/2016	0.0092	
11/30/2016	0.011	
2/7/2017	0.0099	
4/4/2017	0.0092	
6/20/2017	0.0099	
10/4/2017	0.0098	
3/20/2018	0.01	
10/2/2018	0.0099	
3/26/2019	0.0099	
9/10/2019	0.011	
3/18/2020	0.01	
9/9/2020	0.01	
4/1/2021	0.0092 (J)	
8/11/2021	0.01	
2/15/2022	0.012	
8/25/2022	0.012	
2/28/2023		0.01
8/3/2023		0.01
3/4/2024		0.01
8/6/2024		0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.031 (J)	
6/16/2010	0.029 (J)	
7/27/2010	0.029 (J)	
9/7/2010	0.028 (J)	
4/29/2011	0.026 (J)	
10/28/2011	0.025	
5/2/2012	0.025	
11/9/2012	0.028	
5/8/2013	0.029	
11/6/2013	0.026	
5/20/2014	0.025	
11/8/2014	0.026	
5/22/2015	0.026	
11/9/2015	0.024	
4/6/2016	0.026	
6/15/2016	0.023	
8/10/2016	0.022	
10/4/2016	0.024	
11/29/2016	0.023	
2/7/2017	0.024	
4/4/2017	0.022	
6/20/2017	0.025	
10/5/2017	0.023	
3/20/2018	0.023	
10/2/2018	0.023	
3/26/2019	0.024	
9/10/2019	0.039	
3/18/2020	0.027	
9/9/2020	0.024	
4/1/2021	0.024	
8/11/2021	0.023	
2/15/2022	0.024	
8/25/2022	0.025	
2/28/2023		0.025
8/3/2023		0.026
2/28/2024		0.03
8/6/2024		0.031

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.048 (J)	
6/16/2010	0.044 (J)	
7/26/2010	0.042 (J)	
9/7/2010	0.04 (J)	
4/29/2011	0.038 (J)	
10/28/2011	0.034	
5/2/2012	0.03	
11/9/2012	0.039	
5/8/2013	0.034	
11/6/2013	0.032	
5/20/2014	0.03	
11/8/2014	0.031	
5/22/2015	0.033	
11/9/2015	0.034	
4/6/2016	0.0347	
6/15/2016	0.029	
8/10/2016	0.027	
10/5/2016	0.029	
11/29/2016	0.024	
2/7/2017	0.029	
4/4/2017	0.03	
6/20/2017	0.036	
10/5/2017	0.027	
3/20/2018	0.027	
10/2/2018	0.027	
3/26/2019	0.031	
9/10/2019	0.051	
3/18/2020	0.031	
9/9/2020	0.033	
4/1/2021	0.029	
8/11/2021	0.029	
2/15/2022	0.031	
8/24/2022	0.031	
2/28/2023		0.03
8/3/2023		0.027
2/28/2024		0.032
8/6/2024		0.033

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.054 (J)	
6/17/2010	0.054 (J)	
7/27/2010	0.054 (J)	
9/9/2010	0.046 (J)	
4/28/2011	0.057 (J)	
10/29/2011	0.046	
5/3/2012	0.049	
11/9/2012	0.045	
5/9/2013	0.053	
11/5/2013	0.045	
5/23/2014	0.043	
11/13/2014	0.046	
5/23/2015	0.046	
11/11/2015	0.047	
4/12/2016	0.0474	
6/16/2016	0.044	
8/11/2016	0.04	
10/4/2016	0.048	
11/30/2016	0.043	
2/7/2017	0.042	
4/5/2017	0.041	
6/20/2017	0.046	
10/4/2017	0.044	
3/20/2018	0.042	
10/2/2018	0.043	
3/26/2019	0.044	
9/10/2019	0.046	
3/18/2020	0.049	
9/9/2020	0.046	
4/1/2021	0.047	
8/18/2021	0.049	
2/15/2022	0.052	
8/24/2022	0.043	
2/27/2023		0.049
8/9/2023		0.048
3/1/2024		0.048
8/6/2024		0.051

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.048 (J)	
6/19/2010	0.033 (J)	
7/27/2010	0.047 (J)	
9/9/2010	0.045 (J)	
4/28/2011	0.048 (J)	
10/28/2011	0.044	
5/3/2012	0.047	
11/9/2012	0.055	
5/9/2013	0.049	
11/5/2013	0.045	
5/22/2014	0.04	
11/13/2014	0.045	
5/24/2015	0.045	
11/11/2015	0.045	
4/12/2016	0.0519	
6/16/2016	0.045	
8/11/2016	0.04	
10/4/2016	0.044	
11/30/2016	0.044	
2/7/2017	0.044	
4/6/2017	0.041	
6/20/2017	0.045	
10/4/2017	0.047	
3/20/2018	0.045	
10/2/2018	0.044	
3/26/2019	0.045	
9/10/2019	0.047	
3/18/2020	0.048	
9/9/2020	0.047	
4/1/2021	0.044	
8/12/2021	0.048	
2/15/2022	0.048	
8/26/2022	0.045	
2/27/2023		0.048
8/9/2023		0.045
3/1/2024		0.046
8/6/2024		0.052

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.039 (Jo)	
6/17/2010	0.017 (J)	
7/28/2010	0.071 (JO)	
9/7/2010	0.026 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022	
5/10/2013	0.025	
11/6/2013	0.015	
5/22/2014	0.016	
11/9/2014	0.017	
5/22/2015	0.017	
11/10/2015	0.018	
4/12/2016	0.0169	
6/20/2016	0.014	
8/12/2016	0.018	
10/5/2016	0.015	
11/30/2016	0.018	
2/8/2017	0.018	
4/6/2017	0.017	
6/21/2017	0.02	
10/5/2017	0.017	
3/21/2018	0.018	
10/3/2018	0.016	
3/26/2019	0.015	
9/10/2019	0.014	
3/18/2020	0.013	
9/10/2020	0.015	
4/6/2021	0.014	
8/12/2021	0.019	
2/15/2022	0.013	
8/25/2022	0.013	
2/28/2023		0.011
8/9/2023		0.013
3/4/2024		0.019
8/7/2024		0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
8/25/2022		0.054
12/28/2022		0.065
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1
8/7/2024		0.097

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.034 (J)	
6/18/2010	0.028 (J)	
7/27/2010	0.026 (J)	
9/9/2010	0.022 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/4/2012	0.017	
11/10/2012	0.014	
5/9/2013	0.016	
11/6/2013	0.016	
5/22/2014	0.016	
11/9/2014	0.018	
5/24/2015	0.11	
11/11/2015	0.12	
4/19/2016	0.099	
6/22/2016	0.074	
8/16/2016	0.045	
10/6/2016	0.046	
12/1/2016	0.046	
2/9/2017	0.055	
4/6/2017	0.057	
6/21/2017	0.062	
10/5/2017	0.052	
3/22/2018	0.048	
10/3/2018	0.036	
3/27/2019	0.038	
9/11/2019	0.039	
3/18/2020	0.04	
9/9/2020	0.033	
4/1/2021	0.04	
8/12/2021	0.036	
2/15/2022	0.038	
8/25/2022	0.031	
2/28/2023		0.038
8/8/2023		0.031
2/29/2024		0.042
8/6/2024		0.038

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021	0.054	
8/11/2021	0.054	
2/15/2022	0.057	
8/25/2022	0.055	
2/27/2023		0.052
8/8/2023		0.046
2/29/2024		0.06
8/7/2024		0.047

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.029 (J)	
6/18/2010	0.044 (J)	
7/28/2010	0.028 (J)	
9/9/2010	0.029 (J)	
4/30/2011	0.025 (J)	
10/29/2011	0.026	
5/4/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.03	
11/7/2013	0.031	
5/21/2014	0.029	
11/12/2014	0.031	
5/24/2015	0.039	
11/11/2015	0.032	
4/13/2016	0.0328	
6/20/2016	0.03	
8/15/2016	0.033	
10/6/2016	0.032	
12/1/2016	0.034	
2/9/2017	0.032	
4/7/2017	0.031	
6/22/2017	0.035	
10/6/2017	0.034	
3/22/2018	0.035	
10/4/2018	0.031	
3/27/2019	0.033	
9/11/2019	0.035	
3/19/2020	0.036	
9/10/2020	0.039	
4/1/2021	0.036	
8/11/2021	0.036	
2/15/2022	0.035	
8/25/2022	0.035	
2/27/2023		0.036
8/8/2023		0.034
2/29/2024		0.041
8/6/2024		0.039

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.05 (J)	
6/19/2010	0.045 (J)	
7/28/2010	0.046 (J)	
9/8/2010	0.071 (J)	
4/30/2011	0.098 (J)	
10/27/2011	0.048	
5/4/2012	0.055	
11/11/2012	0.05	
5/10/2013	0.12	
11/7/2013	0.044	
5/21/2014	0.037	
11/13/2014	0.085	
5/23/2015	0.054	
11/11/2015	0.059	
4/19/2016	0.0415	
10/10/2016	0.034	
12/1/2016	0.037	
2/9/2017	0.043	
4/7/2017	0.019	
6/21/2017	0.017	
8/15/2017	0.021	
9/1/2017	0.02	
10/9/2017	0.019	
3/22/2018	0.019	
10/4/2018	0.012	
3/27/2019	0.025	
9/11/2019	0.022	
3/18/2020	0.043	
9/9/2020	0.053	
4/5/2021	0.045	
8/12/2021	0.026	
2/15/2022	0.048	
8/25/2022	0.03	
2/27/2023		0.055
8/8/2023		0.051
2/29/2024		0.042
8/6/2024		0.029

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.026 (J)	
6/16/2010	0.026 (J)	
7/27/2010	0.029 (J)	
9/8/2010	0.027 (J)	
4/29/2011	0.02 (J)	
10/27/2011	0.02	
5/3/2012	0.021	
11/11/2012	0.028	
5/9/2013	0.026	
11/6/2013	0.026	
5/21/2014	0.023	
11/12/2014	0.038	
5/23/2015	0.021	
11/12/2015	0.02	
4/13/2016	0.0164	
6/22/2016	0.0238	
8/15/2016	0.02	
10/6/2016	0.021	
12/1/2016	0.025	
2/8/2017	0.017	
4/6/2017	0.019	
6/21/2017	0.026	
10/5/2017	0.022	
3/21/2018	0.021	
10/2/2018	0.023	
3/27/2019	0.018	
9/11/2019	0.028	
3/18/2020	0.013	
9/9/2020	0.025	
4/1/2021	0.018	
8/12/2021	0.023	
2/15/2022	0.023	
8/25/2022	0.04	
2/27/2023		0.025
8/8/2023		0.027
3/1/2024		0.026
8/6/2024		0.03

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.024 (J)	
6/16/2010	0.022 (J)	
7/28/2010	0.023 (J)	
9/8/2010	0.023 (J)	
4/29/2011	0.022 (J)	
10/27/2011	0.022	
5/4/2012	0.019	
11/11/2012	0.025	
5/9/2013	0.024	
11/5/2013	0.025	
5/21/2014	0.024	
11/12/2014	0.026	
5/23/2015	0.026	
11/12/2015	0.026	
4/13/2016	0.0258	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	0.026	
12/1/2016	0.028	
2/8/2017	0.027	
4/6/2017	0.027	
6/21/2017	0.031	
10/5/2017	0.029	
3/21/2018	0.028	
10/2/2018	0.029	
3/27/2019		0.027
9/11/2019		0.033
3/18/2020		0.036
9/9/2020		0.036
4/1/2021		0.034
8/17/2021		0.04
10/18/2021		0.031
2/15/2022		0.036
8/25/2022		0.035
2/21/2023		0.033
8/9/2023		0.032
3/1/2024		0.036
8/6/2024		0.034

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.018 (J)	
6/16/2010	0.018 (J)	
7/27/2010	0.018 (J)	
9/8/2010	0.017 (J)	
4/29/2011	0.016 (J)	
10/27/2011	0.015	
5/4/2012	0.014	
11/10/2012	0.016	
5/9/2013	0.016	
11/6/2013	0.016	
5/20/2014	0.016	
11/12/2014	0.017	
5/24/2015	0.017	
11/12/2015	0.016	
4/13/2016	0.0159	
6/21/2016	0.018	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.015	
4/6/2017	0.016	
6/20/2017	0.016	
10/5/2017	0.016	
3/21/2018	0.016	
10/2/2018	0.016	
3/27/2019	0.015	
9/11/2019	0.017	
3/18/2020	0.019	
9/10/2020	0.02	
4/1/2021	0.018	
8/11/2021	0.017	
2/16/2022	0.018	
8/25/2022	0.018	
2/27/2023		0.019
8/9/2023		0.019
2/29/2024		0.02
8/6/2024		0.017

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	0.017 (J)	
6/18/2010	0.014 (J)	
7/27/2010	0.015 (J)	
9/8/2010	0.013 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.013	
5/3/2012	0.012	
11/10/2012	0.015	
5/9/2013	0.015	
11/6/2013	0.015	
5/20/2014	0.015	
11/12/2014	0.018	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0166	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.016	
4/5/2017	0.016	
6/20/2017	0.017	
10/5/2017	0.017	
3/21/2018	0.017	
10/2/2018	0.016	
3/26/2019	0.017	
9/11/2019	0.017	
3/18/2020	0.018	
9/10/2020	0.019	
4/1/2021	0.018	
8/11/2021	0.018	
2/16/2022	0.018	
8/26/2022	0.018	
2/27/2023		0.019
8/9/2023		0.02
2/29/2024		0.019
8/6/2024		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.029 (J)	
6/18/2010	0.028 (J)	
7/29/2010	0.029 (J)	
9/9/2010	0.028 (J)	
4/26/2011	0.038 (J)	
10/28/2011	0.026	
5/4/2012	0.024	
11/11/2012	0.027	
5/8/2013	0.045	
11/7/2013	0.026	
5/20/2014	0.024	
11/12/2014	0.029	
5/24/2015	0.027	
11/12/2015	0.029	
4/13/2016	0.029	
6/21/2016	0.0306	
8/15/2016	0.026	
10/7/2016	0.031	
12/1/2016	0.031	
2/9/2017	0.032	
4/6/2017	0.029	
6/22/2017	0.034	
10/6/2017	0.031	
3/22/2018	0.034	
10/3/2018	0.03	
3/26/2019		0.035
9/11/2019		0.035
3/18/2020		0.058
9/10/2020		0.037
4/6/2021		0.038
8/11/2021		0.037
2/16/2022		0.035
8/26/2022		0.035
2/27/2023		0.04
8/9/2023		0.04
3/1/2024		0.039
8/6/2024		0.036

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	0.01 (J)	
6/18/2010	0.0097 (J)	
7/28/2010	0.0096 (J)	
9/9/2010	0.01 (J)	
4/30/2011	0.0096 (J)	
10/28/2011	0.0064 (JO)	
5/3/2012	0.0054 (JO)	
11/10/2012	0.0094 (J)	
5/8/2013	0.0093 (J)	
11/5/2013	0.009 (J)	
5/20/2014	0.009 (J)	
11/12/2014	0.0098 (J)	
5/24/2015	0.0096 (J)	
11/11/2015	0.0092 (J)	
4/13/2016	0.00929 (J)	
6/21/2016	0.0106	
8/15/2016	0.0077	
10/4/2016	0.0091	
12/1/2016	0.0089	
2/7/2017	0.0089	
4/6/2017	0.0085	
6/20/2017	0.0097	
10/5/2017	0.0096	
3/20/2018	0.0091	
10/2/2018	0.0096	
3/26/2019	0.0092	
9/11/2019	0.011	
3/18/2020	0.0099 (J)	
9/9/2020	0.01	
4/1/2021	0.0095 (J)	
8/11/2021	0.012	
2/16/2022	0.011	
8/26/2022	0.011	
2/27/2023		0.011
8/9/2023		0.012
3/1/2024		0.012
8/8/2024		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.039 (J)	
6/16/2010	0.041 (J)	
7/26/2010	0.04 (J)	
9/7/2010	0.038 (J)	
4/29/2011	0.034 (J)	
10/28/2011	0.035	
5/2/2012	0.038	
11/9/2012	0.035	
5/8/2013	0.037	
11/6/2013	0.036	
5/23/2014	0.036	
11/8/2014	0.038	
5/22/2015	0.035	
11/10/2015	0.032	
4/11/2016	0.0352	
6/16/2016	0.033	
8/11/2016	0.035	
10/5/2016	0.032	
11/29/2016	0.034	
2/8/2017	0.032	
4/6/2017	0.031	
6/21/2017	0.035	
10/5/2017	0.034	
3/20/2018	0.033	
10/2/2018	0.032	
3/26/2019	0.033	
9/11/2019	0.035	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.035	
8/11/2021	0.037	
2/16/2022	0.034	
8/25/2022	0.035	
2/28/2023		0.035
8/9/2023		0.037
2/29/2024		0.037
8/6/2024		0.037

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.018 (J)	
6/16/2010	0.017 (J)	
7/27/2010	0.016 (J)	
9/7/2010	0.017 (J)	
4/29/2011	0.018 (J)	
10/28/2011	0.016	
5/2/2012	0.018	
11/9/2012	0.017	
5/9/2013	0.017	
11/6/2013	0.018	
5/22/2014	0.016	
11/8/2014	0.018	
5/22/2015	0.018	
11/10/2015	0.017	
4/11/2016	0.0191	
6/16/2016	0.017	
8/11/2016	0.015	
10/5/2016	0.018	
11/29/2016	0.017	
2/8/2017	0.017	
4/5/2017	0.017	
6/21/2017	0.019	
10/5/2017	0.018	
3/20/2018	0.019	
10/2/2018	0.018	
3/26/2019		0.018
9/12/2019		0.026
3/19/2020		0.025
9/9/2020		0.026
4/5/2021		0.028
8/11/2021		0.031
2/16/2022		0.027
8/25/2022		0.03
2/28/2023		0.031
8/8/2023		0.032
2/29/2024		0.033
8/6/2024		0.035

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.032 (J)	
6/17/2010	0.031 (J)	
7/27/2010	0.035 (J)	
9/7/2010	0.032 (J)	
4/29/2011	0.031 (J)	
10/28/2011	0.03	
5/3/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.029	
11/6/2013	0.03	
5/22/2014	0.029	
11/9/2014	0.032	
5/22/2015	0.029	
11/10/2015	0.026	
4/12/2016	0.033	
6/16/2016	0.028	
8/11/2016	0.026	
10/5/2016	0.03	
11/30/2016	0.03	
2/8/2017	0.033	
4/6/2017	0.033	
6/21/2017	0.03	
10/5/2017	0.028	
3/21/2018	0.03	
10/3/2018	0.028	
3/26/2019	0.03	
9/12/2019	0.035	
3/19/2020	0.032	
9/10/2020	0.031	
4/5/2021	0.029	
8/11/2021	0.031	
2/16/2022	0.03	
8/25/2022	0.031	
2/28/2023		0.032
8/8/2023		0.035
3/1/2024		0.036
8/6/2024		0.037

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	0.0021 (J)	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	5.8E-05 (J)	
8/12/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/9/2023		<0.0025
3/4/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	2.3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.00022 (J)	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3.2E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025	
6/20/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00018 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	<0.08	
6/15/2016	0.0031 (J)	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/3/2023		0.03 (J)
3/4/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<0.08	
6/15/2016	0.0028 (J)	
8/10/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/28/2023		<0.08
8/3/2023		<0.08
2/28/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	0.0044 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	0.053 (J)	
8/18/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	<0.08	
6/16/2016	0.0034 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		0.023 (J)
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	<0.08	
6/20/2016	0.0015 (J)	
8/12/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.078 (J)	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/9/2023		<0.08
3/4/2024		<0.08
8/7/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	<0.08	
6/20/2016	0.0026 (J)	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/7/2024		0.13
11/6/2024		0.022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	<0.1	
6/22/2016	0.238	
8/16/2016	0.39	
10/6/2016	0.34	
12/1/2016	0.37	
2/9/2017	0.38	
4/6/2017	0.4	
6/21/2017	0.39	
10/5/2017	0.47	
3/22/2018	0.48	
10/3/2018	0.47	
3/27/2019	0.33	
9/11/2019	0.31	
3/18/2020	0.26	
9/9/2020	0.24	
4/1/2021	0.23	
8/12/2021	0.19	
2/15/2022	0.19	
8/25/2022	0.19	
2/28/2023		0.19
8/8/2023		0.15
2/29/2024		0.17
8/6/2024		0.14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	0.042 (J)	
8/11/2021	0.057 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/7/2024		0.085
11/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<0.08	
6/20/2016	0.0019 (J)	
8/15/2016	<0.08	
10/6/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	0.056 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.145	
10/10/2016	0.12	
12/1/2016	0.12	
2/9/2017	0.13	
4/7/2017	0.21	
6/21/2017	0.23	
8/15/2017	0.27	
9/1/2017	0.24	
10/9/2017	0.24	
3/22/2018	0.25	
10/4/2018	0.21	
3/27/2019	0.16	
9/11/2019	0.21	
3/18/2020	0.16	
9/9/2020	0.13	
4/5/2021	0.18	
8/12/2021	0.23	
2/15/2022	0.13	
8/25/2022	0.18	
2/27/2023		0.14
8/8/2023		0.14
2/29/2024		0.15
8/6/2024		0.19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.0774 (J)	
6/22/2016	0.0663 (J)	
8/15/2016	0.093	
10/6/2016	0.096	
12/1/2016	0.12	
2/8/2017	0.094	
4/6/2017	0.11	
6/21/2017	0.1	
10/5/2017	0.083	
3/21/2018	0.089	
10/2/2018	0.083	
3/27/2019	0.067	
9/11/2019	0.083	
3/18/2020	0.058 (J)	
9/9/2020	0.088	
4/1/2021	0.059 (J)	
8/12/2021	0.1	
2/15/2022	0.07 (J)	
8/25/2022	0.13	
2/27/2023		0.082
8/8/2023		0.087
3/1/2024		0.085
8/6/2024		0.12

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	<0.08	
6/21/2016	0.0068 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/17/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	0.11	
12/28/2022	0.098	
2/21/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<0.08	
6/21/2016	0.0053 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<0.08	
6/21/2016	0.0099 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
2/29/2024		0.024 (J)
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	<0.08	
6/21/2016	0.0062 (J)	
8/15/2016	<0.08	
10/7/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.056 (J)	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<0.08	
6/21/2016	0.0115 (J)	
8/15/2016	<0.08	
10/4/2016	<0.08	
12/1/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<0.08	
6/16/2016	0.0024 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/9/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<0.08	
6/16/2016	0.0026 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/9/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<0.08	
6/16/2016	0.0022 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	0.12	
12/28/2022	<0.08	
2/28/2023		<0.08
8/8/2023		<0.08
3/1/2024		0.025 (J)
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00013 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	0.001 (J)	
4/30/2011	0.0014 (J)	
10/27/2011	0.0011 (J)	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0016 (J)	
11/7/2013	0.001 (J)	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	0.000379 (J)	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	0.00037 (J)	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.0003 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.001 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	3.62	
6/15/2016	4.5	
8/10/2016	3.8	
10/4/2016	5.3	
11/30/2016	4.7	
2/7/2017	3.8	
4/4/2017	3.8	
6/20/2017	4.1	
10/4/2017	4.6	
3/20/2018	4.2	
10/2/2018	4.2	
3/26/2019	4	
9/10/2019	4.8	
3/18/2020	3.8	
9/9/2020	4	
4/1/2021	4	
8/11/2021	4.1	
2/15/2022	3.6	
8/25/2022	4.9	
2/28/2023		4.1
8/3/2023		4.7
3/4/2024		3.8
8/6/2024		4.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	12.1	
6/15/2016	11.8	
8/10/2016	10	
10/4/2016	14	
11/29/2016	10	
2/7/2017	12	
4/4/2017	11	
6/20/2017	11	
10/5/2017	13	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/10/2019	12	
3/18/2020	12	
9/9/2020	11	
4/1/2021	12	
8/11/2021	11	
2/15/2022	10	
8/25/2022	13	
2/28/2023		13
8/3/2023		13
2/28/2024		15
8/6/2024		15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	6.58	
6/15/2016	6.9	
8/10/2016	5.5	
10/5/2016	6.8	
11/29/2016	4.8	
2/7/2017	7.8	
4/4/2017	6.4	
6/20/2017	7	
10/5/2017	6.6	
3/20/2018	6.6	
10/2/2018	5.8	
3/26/2019	6.7	
9/10/2019	7.5	
3/18/2020	7.3	
9/9/2020	7.3	
4/1/2021	7.8	
8/11/2021	7.3	
2/15/2022	7.1	
8/24/2022	8.9	
2/28/2023		8.7
8/3/2023		8.3
2/28/2024		9
8/6/2024		9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	17.1	
6/16/2016	19.8	
8/11/2016	15	
10/4/2016	17	
11/30/2016	16	
2/7/2017	17	
4/5/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	16	
9/10/2019	17	
3/18/2020	19	
9/9/2020	17	
4/1/2021	18	
8/18/2021	18	
2/15/2022	16	
8/24/2022	17	
2/27/2023		19
8/9/2023		18
3/1/2024		18
8/6/2024		18

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	17	
6/16/2016	19.7	
8/11/2016	15	
10/4/2016	18	
11/30/2016	16	
2/7/2017	18	
4/6/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	17	
9/10/2019	18	
3/18/2020	18	
9/9/2020	17	
4/1/2021	17	
8/12/2021	17	
2/15/2022	16	
8/26/2022	18	
2/27/2023		19
8/9/2023		18
3/1/2024		18
8/6/2024		19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	8.52	
6/20/2016	7.7	
8/12/2016	7.3	
10/5/2016	8.4	
11/30/2016	8	
2/8/2017	9.3	
4/6/2017	8.1	
6/21/2017	9.2	
10/5/2017	10	
3/21/2018	9.3	
10/3/2018	7.5	
3/26/2019	7.3	
9/10/2019	6.6	
3/18/2020	5.9	
9/10/2020	6.3	
4/6/2021	7.4	
8/12/2021	6.6	
2/15/2022	6	
8/25/2022	5.5	
2/28/2023		5.9
8/9/2023		6.7
3/4/2024		8.9
8/7/2024		10

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20
2/27/2023		26
8/8/2023		25
2/29/2024		31
8/7/2024		29

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	198 (o)	
6/22/2016	132	
8/16/2016	94	
10/6/2016	100	
12/1/2016	100	
2/9/2017	120	
4/6/2017	140	
6/21/2017	160	
10/5/2017	130	
3/22/2018	130	
10/3/2018	88	
3/27/2019	75	
9/11/2019	46	
3/18/2020	61	
9/9/2020	35	
4/1/2021	40	
8/12/2021	46	
2/15/2022	36	
8/25/2022	37	
2/28/2023		34
8/8/2023		30
2/29/2024		30
8/6/2024		30

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023		17
8/8/2023		15
2/29/2024		20
5/20/2024		14
8/7/2024		16

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	14	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021	15	
8/11/2021	14	
2/15/2022	13	
8/25/2022	16	
2/27/2023		16
8/8/2023		15
2/29/2024		17
5/7/2024		17
8/6/2024		17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	20	
10/10/2016	19	
12/1/2016	18	
2/9/2017	20	
4/7/2017	27	
6/21/2017	27	
8/15/2017	29	
9/1/2017	32	
10/9/2017	31	
3/22/2018	30	
10/4/2018	37	
3/27/2019		47
9/11/2019		37
3/18/2020		53
9/9/2020		64
4/5/2021		52
8/12/2021		37
2/15/2022		49
8/25/2022		39
2/27/2023		64
8/8/2023		53
2/29/2024		49
8/6/2024		36

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	18	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021	16	
8/12/2021	18	
2/15/2022	16	
8/25/2022	21	
12/28/2022	18	
2/27/2023		20
8/8/2023		18
3/1/2024		20
8/6/2024		22
11/6/2024		23

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	15.6	
6/21/2016	14.4	
8/15/2016	14	
10/5/2016	17	
12/1/2016	15	
2/8/2017	17	
4/6/2017	16	
6/21/2017	16	
10/5/2017	19	
3/21/2018	17	
10/2/2018	17	
3/27/2019	16	
9/11/2019	18	
3/18/2020	20	
9/9/2020	20	
4/1/2021	19	
8/17/2021	18	
2/15/2022	17	
8/25/2022	20	
2/21/2023		20
8/9/2023		18
3/1/2024		20
8/6/2024		19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	12.8	
6/21/2016	11.6	
8/15/2016	11	
10/5/2016	14	
12/1/2016	12	
2/8/2017	13	
4/6/2017	12	
6/20/2017	13	
10/5/2017	14	
3/21/2018	13	
10/2/2018	12	
3/27/2019	12	
9/11/2019	13	
3/18/2020	14	
9/10/2020	13	
4/1/2021	13	
8/11/2021	13	
2/16/2022	12	
8/25/2022	14	
2/27/2023		14
8/9/2023		14
2/29/2024		14
8/6/2024		13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.18	
6/21/2016	1.12	
8/15/2016	0.95	
10/5/2016	1	
12/1/2016	0.92	
2/8/2017	1.2	
4/5/2017	1.1	
6/20/2017	0.96	
10/5/2017	1.1	
3/21/2018	1.3	
10/2/2018	0.86	
3/26/2019	1.1	
9/11/2019	0.94	
3/18/2020	1.6	
9/10/2020	1.1	
4/1/2021	1.2	
8/11/2021	1	
2/16/2022	1.1	
8/26/2022	0.99	
2/27/2023		1.2
8/9/2023		1.1
2/29/2024		1.4
8/6/2024		1.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	5.71	
6/21/2016	5.54	
8/15/2016	5.8	
10/7/2016	6.1	
12/1/2016	5.8	
2/9/2017	6.3	
4/6/2017	5.8	
6/22/2017	6.4	
10/6/2017	7.4	
3/22/2018	6.8	
10/3/2018	6.4	
3/26/2019	6.3	
9/11/2019	7	
3/18/2020	9.3	
9/10/2020	6.7	
4/6/2021	7.4	
8/11/2021	6.7	
2/16/2022	6.7	
8/26/2022	7.5	
2/27/2023		8.1
8/9/2023		7.7
3/1/2024		7.6
8/6/2024		7.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	6.55	
6/21/2016	6.04	
8/15/2016	5.9	
10/4/2016	6.6	
12/1/2016	5.4	
2/7/2017	6.1	
4/6/2017	6.1	
6/20/2017	6.6	
10/5/2017	7.2	
3/20/2018	6.6	
10/2/2018	6.5	
3/26/2019	6.4	
9/11/2019	7.3	
3/18/2020	6.9	
9/9/2020	6.5	
4/1/2021	6.2	
8/11/2021	6.9	
2/16/2022	6.3	
8/26/2022	7	
2/27/2023		7.3
8/9/2023		7.2
3/1/2024		7.6
8/8/2024		8.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	10.5	
6/16/2016	11.6	
8/11/2016	10	
10/5/2016	11	
11/29/2016	9.6	
2/8/2017	10	
4/6/2017	9.7	
6/21/2017	9.7	
10/5/2017	11	
3/20/2018	11	
10/2/2018	9.6	
3/26/2019	9.6	
9/11/2019	10	
3/18/2020	11	
9/9/2020	10	
4/1/2021	11	
8/11/2021	10	
2/16/2022	9.7	
8/25/2022	11	
2/28/2023		11
8/9/2023		11
2/29/2024		11
8/6/2024		11

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
8/11/2021		17
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19
2/28/2023		18
8/8/2023		18
2/29/2024		19
8/6/2024		20

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021	14	
8/11/2021	14	
2/16/2022	13	
8/25/2022	15	
2/28/2023		16
8/8/2023		16
3/1/2024		17
8/6/2024		17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	5.342	
6/15/2016	5.2	
8/10/2016	5.5	
10/4/2016	5.4	
11/30/2016	5.4	
2/7/2017	5.1	
4/4/2017	5.1	
6/20/2017	5.2	
10/4/2017	5.2	
3/20/2018	5.6	
10/2/2018	6.3	
3/26/2019	5.5	
9/10/2019	5.2	
3/18/2020	5.4	
9/9/2020	6.1	
4/1/2021	7	
8/11/2021	7.2	
2/15/2022	6.5	
8/25/2022	6.9	
2/28/2023		6.3
8/3/2023		6.3
3/4/2024		5.6
8/6/2024		6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	1.789	
6/15/2016	2.1	
8/10/2016	1.8	
10/4/2016	1.7	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.6	
6/20/2017	1.6	
10/5/2017	1.5	
3/20/2018	1.5	
10/2/2018	1.6	
3/26/2019	1.5	
9/10/2019	1.4	
3/18/2020	1.7	
9/9/2020	1.6	
4/1/2021	1.8	
8/11/2021	1.8	
2/15/2022	1.6	
8/25/2022	1.6	
2/28/2023		1.7
8/3/2023		1.6
2/28/2024		1.6
8/6/2024		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	1.69	
6/15/2016	1.9	
8/10/2016	1.7	
10/5/2016	1.6	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.5	
6/20/2017	1.5	
10/5/2017	1.5	
3/20/2018	1.4	
10/2/2018	1.5	
3/26/2019	1.3	
9/10/2019	1.3	
3/18/2020	2	
9/9/2020	1.3	
4/1/2021	1.5	
8/11/2021	1.4	
2/15/2022	1.4	
8/24/2022	1.4	
2/28/2023		1.4
8/3/2023		1.3
2/28/2024		1.4
8/6/2024		1.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8 (D)	
8/11/2016	4	
10/4/2016	3.6	
11/30/2016	3.8	
2/7/2017	4.3	
4/5/2017	4.1	
6/20/2017	3.9	
10/4/2017	3.6	
3/20/2018	3.9	
10/2/2018	3.7	
3/26/2019	3.6	
9/10/2019	2.9	
3/18/2020	4.2	
9/9/2020	3.9	
4/1/2021	4.2	
8/18/2021	4	
2/15/2022	4	
8/24/2022	3.6	
2/27/2023		3.8
8/9/2023		3.5
3/1/2024		4.2
8/6/2024		3.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4 (D)	
8/11/2016	2.4	
10/4/2016	2.2	
11/30/2016	2.2	
2/7/2017	2.1	
4/6/2017	2.1	
6/20/2017	2.1	
10/4/2017	2	
3/20/2018	2	
10/2/2018	2	
3/26/2019	1.9	
9/10/2019	1.7	
3/18/2020	2.4	
9/9/2020	2	
4/1/2021	2.5	
8/12/2021	2.5	
2/15/2022	2.2	
8/26/2022	2.1	
2/27/2023		2.2
8/9/2023		2.1
3/1/2024		2.5
8/6/2024		2.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	3.04	
6/20/2016	3.1	
8/16/2016	3.2	
10/5/2016	3.2	
11/30/2016	3.3	
2/8/2017	3.5	
4/6/2017	3.4	
6/21/2017	3.5	
10/5/2017	3.5	
3/21/2018	3.4	
10/3/2018	3.5	
3/26/2019	3	
9/10/2019	2.5	
3/18/2020	2.8	
9/10/2020	2.7	
4/6/2021	2.9	
8/12/2021	3.3	
2/15/2022	2.7	
8/25/2022	3.2	
2/28/2023		3.1
8/9/2023		3.2
3/4/2024		3
8/7/2024		2.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28
8/7/2024		19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	124 (O)	
6/22/2016	81	
8/16/2016	71	
10/6/2016	68	
12/1/2016	74	
2/9/2017	76	
4/6/2017	92	
6/21/2017	100	
10/5/2017	67	
3/22/2018	74	
10/3/2018	46	
3/27/2019	42	
9/11/2019	19	
3/18/2020	30	
9/9/2020	8.7	
4/1/2021	18	
8/12/2021	22	
2/15/2022	16	
8/25/2022	12	
2/28/2023		11
8/8/2023		8.2
2/29/2024		8.2
8/6/2024		8.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	6.07	
6/20/2016	6.8	
8/16/2016	7.6	
10/6/2016	7.3	
11/30/2016	7.1	
2/9/2017	5.8	
4/6/2017	5.7	
6/21/2017	6.1	
10/6/2017	5.1	
3/21/2018	5.4	
10/3/2018	5.7	
3/26/2019	4.2	
9/11/2019	7.2	
3/18/2020	4	
9/10/2020	6.3	
6/2/2021	6.3	
8/11/2021	6.5	
2/15/2022	6.1	
8/25/2022	6.2	
2/27/2023		5.2
8/8/2023		5.5
2/29/2024		7
8/7/2024		5.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	1.68	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021	2.9	
8/11/2021	3	
2/15/2022	2.7	
8/25/2022	3	
2/27/2023		3.5
8/8/2023		3.8
2/29/2024		4.8
8/6/2024		4.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	6.9	
10/10/2016	7.2	
12/1/2016	7.1	
2/9/2017	7.2	
4/7/2017	7.5	
6/21/2017	7.6	
8/15/2017	7.8	
9/1/2017	7.6	
10/9/2017	7.5	
3/22/2018	7	
10/4/2018	6.1	
3/27/2019	6.6	
9/11/2019	7	
3/18/2020	8.5	
9/9/2020	11	
6/1/2021	9.4	
8/12/2021	7.8	
2/15/2022	9.1	
8/25/2022	7.5	
2/27/2023		8.8
8/8/2023		8.2
2/29/2024		8.1
8/6/2024		6.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	3.64	
6/22/2016	3.8	
8/15/2016	3.7	
10/6/2016	3.4	
12/1/2016	4	
2/8/2017	4	
4/6/2017	4	
6/21/2017	3.3	
10/5/2017	3.3	
3/21/2018	3.6	
10/2/2018	3.1	
3/27/2019	3	
9/11/2019	3.4	
3/18/2020	3.4	
9/9/2020	3.2	
4/1/2021	4.3	
8/12/2021	4.1	
2/15/2022	3.7	
8/25/2022	4.2	
2/27/2023		4.2
8/8/2023		4
3/1/2024		5.2
8/6/2024		5.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	2.04	
6/21/2016	2.2	
8/15/2016	2.2	
10/5/2016	2.1	
12/1/2016	2.1	
2/8/2017	2.3	
4/6/2017	2.2	
6/21/2017	2.3	
10/5/2017	2.3	
3/21/2018	2.3	
10/2/2018	2.6	
3/27/2019	2.4	
9/11/2019	2.9	
3/18/2020	4.1	
9/9/2020	4.3	
4/1/2021	4.4	
8/17/2021	3.1	
2/15/2022	4.6	
8/25/2022	5	
2/21/2023		4.3
8/9/2023		3.7
3/1/2024		5
8/6/2024		5.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	1.78	
6/21/2016	2	
8/15/2016	1.9	
10/5/2016	1.8	
12/1/2016	1.8	
2/8/2017	1.8	
4/6/2017	1.7	
6/20/2017	1.7	
10/5/2017	1.7	
3/21/2018	1.6	
10/2/2018	1.7	
3/27/2019	1.5	
9/11/2019	1.8	
3/18/2020	1.9	
9/10/2020	1.9	
4/1/2021	1.9	
8/11/2021	1.8	
2/16/2022	1.7	
8/25/2022	1.8	
2/27/2023		1.8
8/9/2023		1.7
2/29/2024		2.2
8/6/2024		1.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.8	
6/21/2016	2	
8/15/2016	1.8	
10/5/2016	1.7	
12/1/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/20/2017	1.6	
10/5/2017	1.6	
3/21/2018	1.6	
10/2/2018	1.6	
3/26/2019	1.7	
9/11/2019	1.9	
3/18/2020	2.1	
9/10/2020	1.8	
4/1/2021	2	
8/11/2021	1.8	
2/16/2022	1.9	
8/26/2022	1.7	
2/27/2023		1.9
8/9/2023		1.8
2/29/2024		2.3
8/6/2024		2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	1.82	
6/21/2016	1.9	
8/15/2016	1.6	
10/7/2016	1.5	
12/1/2016	1.4	
2/9/2017	1.5	
4/6/2017	1.4	
6/22/2017	1.5	
10/6/2017	1.3	
3/22/2018	1.4	
10/3/2018	1.5	
3/26/2019	1.6	
9/11/2019	1.5	
3/18/2020	1.6	
9/10/2020	1.7	
4/6/2021	1.8	
8/11/2021	1.6	
2/16/2022	1.5	
8/26/2022	1.5	
2/27/2023		1.5
8/9/2023		1.4
3/1/2024		1.8
8/6/2024		1.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	2.71	
6/21/2016	3	
8/15/2016	3.1	
10/4/2016	3	
12/1/2016	3.1	
2/7/2017	2.9	
4/6/2017	2.7	
6/20/2017	2.9	
10/5/2017	2.8	
3/20/2018	2.7	
10/2/2018	3	
3/26/2019	2.5	
9/11/2019	3.1	
3/18/2020	3	
9/9/2020	2.9	
4/1/2021	3.8	
8/11/2021	3.7	
2/16/2022	3.2	
8/26/2022	3.3	
2/27/2023		3.5
8/9/2023		3.5
3/1/2024		4.7
8/8/2024		4.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5 (D)	
8/11/2016	2.6	
10/5/2016	2.5	
11/29/2016	2.4	
2/8/2017	2.5	
4/6/2017	2.4	
6/21/2017	2.4	
10/5/2017	2.3	
3/20/2018	2.3	
10/2/2018	2.5	
3/26/2019	2.7	
9/11/2019	2.6	
3/18/2020	2.7	
9/9/2020	2.8	
4/1/2021	2.8	
8/11/2021	2.9	
2/16/2022	2.7	
8/25/2022	2.8	
2/28/2023		2.8
8/9/2023		2.6
2/29/2024		3.2
8/6/2024		2.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9 (D)	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021	2.6	
8/11/2021	2.8	
2/16/2022	2.4	
8/25/2022	2.4	
2/28/2023		2.6
8/8/2023		2.6
2/29/2024		3.1
8/6/2024		2.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2 (D)	
8/11/2016	2.1	
10/5/2016	1.9	
11/30/2016	2	
2/8/2017	2	
4/6/2017	<1	
6/21/2017	1.9	
10/5/2017	1.9	
3/21/2018	1.8	
10/3/2018	2	
3/26/2019	1.9	
9/12/2019	1.6	
3/19/2020	2.2	
9/10/2020	2.1	
6/1/2021	2.1	
8/11/2021	2.1	
2/16/2022	2	
8/25/2022	2.1	
2/28/2023		2.2
8/8/2023		2.2
3/1/2024		2.5
8/6/2024		2.3

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036 (J)	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	0.00029 (J)	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0023 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.003 (J)	
6/16/2010	0.0042 (J)	
7/27/2010	0.0048 (J)	
9/7/2010	0.0037 (J)	
4/29/2011	0.0046 (J)	
10/28/2011	0.005	
5/2/2012	0.0052	
11/9/2012	0.0054	
5/8/2013	0.0058	
11/6/2013	0.0062 (J)	
5/20/2014	0.0047 (J)	
11/8/2014	0.0064 (J)	
5/22/2015	0.0059 (J)	
11/9/2015	0.0043 (J)	
4/6/2016	0.00457 (J)	
6/15/2016	0.0042 (J)	
8/10/2016	0.0042	
10/4/2016	0.0052	
11/29/2016	0.004	
2/7/2017	0.004	
4/4/2017	0.0021 (J)	
6/20/2017	0.0046	
10/5/2017	0.005	
3/20/2018	0.0044	
10/2/2018	0.0043	
3/26/2019	0.0046	
9/10/2019	0.0076	
3/18/2020	0.0044	
9/9/2020	0.005	
4/1/2021	0.0053	
8/11/2021	0.0059	
2/15/2022	0.0056	
8/25/2022	0.0056	
2/28/2023		0.0061
8/3/2023		0.0073
2/28/2024		0.0071
8/6/2024		0.008

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0032 (J)	
6/16/2010	0.0037 (J)	
7/26/2010	0.0058	
9/7/2010	0.0078	
4/29/2011	0.005	
10/28/2011	0.0068	
5/2/2012	0.0065	
11/9/2012	0.006	
5/8/2013	0.0074	
11/6/2013	0.0082 (J)	
5/20/2014	0.0051 (J)	
11/8/2014	0.0074 (J)	
5/22/2015	0.0084 (J)	
11/9/2015	0.009 (J)	
4/6/2016	0.00779 (J)	
6/15/2016	0.0072 (J)	
8/10/2016	0.0068	
10/5/2016	0.0076	
11/29/2016	0.0045	
2/7/2017	0.0067	
4/4/2017	0.0079	
6/20/2017	0.0084	
10/5/2017	0.0061	
3/20/2018	0.006	
10/2/2018	0.0061	
3/26/2019	0.0065	
9/10/2019	0.012	
3/18/2020	0.0083	
9/9/2020	0.0088	
4/1/2021	0.0082	
8/11/2021	0.0089	
2/15/2022	0.0084	
8/24/2022	0.0076	
2/28/2023		0.0083
8/3/2023		0.0089
2/28/2024		0.0096
8/6/2024		0.0086

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.0077	
6/17/2010	0.0053	
7/27/2010	0.0085	
9/9/2010	0.0076	
4/28/2011	0.0048 (J)	
10/29/2011	0.0093	
5/3/2012	0.01	
11/9/2012	0.009	
5/9/2013	0.0085	
11/5/2013	0.015	
5/23/2014	0.012	
11/13/2014	0.011	
5/23/2015	0.012	
11/11/2015	0.014	
4/12/2016	0.0135	
6/16/2016	0.014	
8/11/2016	0.013	
10/4/2016	0.014	
11/30/2016	0.013	
2/7/2017	0.013	
4/5/2017	0.014	
6/20/2017	0.013	
10/4/2017	0.015	
3/20/2018	0.013	
10/2/2018	0.014	
3/26/2019	0.013	
9/10/2019	0.018	
3/18/2020	0.014	
9/9/2020	0.014	
4/1/2021	0.014	
8/18/2021	0.014	
2/15/2022	0.011	
8/24/2022	0.014	
2/27/2023		0.014
8/9/2023		0.017
3/1/2024		0.014
8/6/2024		0.016

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.005	
7/27/2010	0.01	
9/9/2010	0.0072	
4/28/2011	0.0077	
10/28/2011	0.011	
5/3/2012	0.011	
11/9/2012	0.0089	
5/9/2013	0.0089	
11/5/2013	0.011	
5/22/2014	0.01	
11/13/2014	0.0084 (J)	
5/24/2015	0.0095 (J)	
11/11/2015	0.011	
4/12/2016	0.0122	
6/16/2016	0.011	
8/11/2016	0.01	
10/4/2016	0.011	
11/30/2016	0.0098	
2/7/2017	0.0096	
4/6/2017	0.01	
6/20/2017	0.01	
10/4/2017	0.011	
3/20/2018	0.0099	
10/2/2018	0.01	
3/26/2019	0.0096	
9/10/2019	0.014	
3/18/2020	0.011	
9/9/2020	0.01	
4/1/2021	0.0057	
8/12/2021	0.012	
2/15/2022	0.011	
8/26/2022	0.0095	
2/27/2023		0.012
8/9/2023		0.012
3/1/2024		0.011
8/6/2024		0.012

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.01	
6/17/2010	0.0087	
7/28/2010	0.028 (O)	
9/7/2010	0.022	
4/29/2011	0.0099	
10/28/2011	0.0089	
5/3/2012	0.0091	
11/9/2012	0.008	
5/10/2013	0.019	
11/6/2013	0.013	
5/22/2014	0.0093 (J)	
11/9/2014	0.0098 (J)	
5/22/2015	0.01	
11/10/2015	0.011	
4/12/2016	0.00925 (J)	
6/20/2016	0.0076 (J)	
8/12/2016	0.0079	
10/5/2016	0.0085	
11/30/2016	0.0086	
2/8/2017	0.011	
4/6/2017	0.0098	
6/21/2017	0.011	
10/5/2017	0.01	
3/21/2018	0.0093	
10/3/2018	0.0081	
3/26/2019	0.0075	
9/10/2019	0.0092	
3/18/2020	0.0049	
9/10/2020	0.0061	
4/6/2021	0.0074	
8/12/2021	0.0085	
2/15/2022	0.0076	
8/25/2022	0.0072	
2/28/2023		0.01
8/9/2023		0.013
3/4/2024		0.014
8/7/2024		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0046 (J)	
6/17/2010	0.007	
7/28/2010	0.0084	
9/8/2010	0.0071	
4/28/2011	0.008	
10/29/2011	0.0054	
5/3/2012	0.0065	
11/10/2012	0.0059	
5/10/2013	0.0083	
11/6/2013	0.0099 (J)	
5/22/2014	0.0049 (J)	
11/9/2014	0.0068 (J)	
5/22/2015	0.0087 (J)	
11/11/2015	0.0084 (J)	
4/12/2016	0.00419 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.0062	
11/30/2016	0.0043	
2/8/2017	0.0052	
4/6/2017	0.005	
6/22/2017	0.0052	
10/6/2017	0.0049	
3/21/2018	0.0062	
10/3/2018	0.0039	
3/26/2019	0.0084	
9/10/2019	0.0067	
3/19/2020	0.0045	
9/10/2020	0.0055	
4/2/2021	0.0052	
8/12/2021	0.0045	
2/15/2022	0.0041	
8/25/2022	0.0038	
2/27/2023		0.0039
8/8/2023		0.0049
2/29/2024		0.0038
8/7/2024		0.0031

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.004 (J)	
6/18/2010	0.0056	
7/27/2010	0.0051	
9/9/2010	0.0037 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	0.0026 (J)	
5/4/2012	0.0031 (J)	
11/10/2012	<0.005	
5/9/2013	0.0033 (J)	
11/6/2013	0.0045 (J)	
5/22/2014	0.0035 (J)	
11/9/2014	0.0062 (J)	
5/24/2015	0.012	
11/11/2015	0.0068 (J)	
4/19/2016	0.00368 (J)	
6/22/2016	0.0031 (J)	
8/16/2016	0.0028	
10/6/2016	0.003	
12/1/2016	0.0022 (J)	
2/9/2017	0.0035	
4/6/2017	0.0032	
6/21/2017	0.0031	
10/5/2017	0.0029	
3/22/2018	0.0086	
10/3/2018	0.003	
3/27/2019	0.0039	
9/11/2019	0.0079	
3/18/2020	0.0052	
9/9/2020	0.0048	
4/1/2021	0.0058	
8/12/2021	0.0053	
2/15/2022	0.0061	
8/25/2022	0.0058	
2/28/2023		0.0068
8/8/2023		0.0066
2/29/2024		0.0074
8/6/2024		0.0067

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	0.0063	
7/27/2010	0.004 (J)	
9/9/2010	0.0053	
4/30/2011	0.0035 (J)	
10/29/2011	0.0048 (J)	
5/4/2012	0.0064	
11/10/2012	0.0084	
5/9/2013	0.0041 (J)	
11/7/2013	0.0077 (J)	
5/21/2014	0.0044 (J)	
11/9/2014	0.0071 (J)	
5/24/2015	0.01	
11/11/2015	0.0053 (J)	
4/12/2016	0.00493 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.004	
11/30/2016	0.0035	
2/9/2017	0.0041	
4/6/2017	0.0038	
6/21/2017	0.004	
10/6/2017	0.0038	
3/21/2018	0.012	
10/3/2018	0.0042	
3/26/2019	0.0044	
9/11/2019	0.0078	
3/18/2020	0.0046	
9/10/2020	0.0049	
4/5/2021	0.005	
8/11/2021	0.005	
2/15/2022	0.0046	
8/25/2022	0.0046	
2/27/2023		0.0047
8/8/2023		0.0048
2/29/2024		0.0051
8/7/2024		0.0046

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (J)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021	0.0091	
8/11/2021	0.0092	
2/15/2022	0.0088	
8/25/2022	0.0085	
2/27/2023		0.0092
8/8/2023		0.0094
2/29/2024		0.012
8/6/2024		0.02
11/6/2024		0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.002	
6/19/2010	<0.002	
7/28/2010	0.0034 (J)	
9/8/2010	0.014	
4/30/2011	0.022	
10/27/2011	0.0064	
5/4/2012	0.059 (o)	
11/11/2012	0.011	
5/10/2013	0.038 (O)	
11/7/2013	0.012	
5/21/2014	0.0048 (J)	
11/13/2014	0.023	
5/23/2015	0.015	
11/11/2015	0.016	
4/19/2016	0.0086 (J)	
10/10/2016	0.0052	
12/1/2016	0.0062	
2/9/2017	0.0091	
4/7/2017	<0.002	
6/21/2017	<0.002	
8/15/2017	<0.002	
9/1/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	0.0079	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		0.0013 (J)
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097	
6/16/2010	0.0074	
7/27/2010	0.0068	
9/8/2010	0.007	
4/29/2011	0.0062	
10/27/2011	0.0084	
5/3/2012	0.0099	
11/11/2012	0.0073	
5/9/2013	0.0085	
11/6/2013	0.013	
5/21/2014	0.0097 (J)	
11/12/2014	0.0072 (J)	
5/23/2015	0.0095 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	0.00627 (J)	
6/22/2016	0.0079 (J)	
8/15/2016	0.0075	
10/6/2016	0.0071	
12/1/2016	0.007	
2/8/2017	0.0047	
4/6/2017	0.006	
6/21/2017	0.0071	
10/5/2017	0.008	
3/21/2018	0.0046	
10/2/2018	0.0081	
3/27/2019	0.0064	
9/11/2019	0.012	
3/18/2020	0.0066	
9/9/2020	0.0081	
4/1/2021	0.0018 (J)	
8/12/2021	0.0077	
2/15/2022	0.0079	
8/25/2022	0.0092	
2/27/2023		0.0094
8/8/2023		0.0085
3/1/2024		0.0092
8/6/2024		0.0084

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.0095	
7/28/2010	0.01	
9/8/2010	0.011	
4/29/2011	0.0096	
10/27/2011	0.011	
5/4/2012	0.01	
11/11/2012	0.01	
5/9/2013	0.011	
11/5/2013	0.015	
5/21/2014	0.013	
11/12/2014	0.012	
5/23/2015	0.014	
11/12/2015	0.016	
4/13/2016	0.0152	
6/21/2016	0.016	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.015	
2/8/2017	0.017	
4/6/2017	0.018	
6/21/2017	0.017	
10/5/2017	0.018	
3/21/2018	0.017	
10/2/2018	0.018	
3/27/2019	0.017	
9/11/2019	0.023	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.02	
8/17/2021	0.042 (o)	
10/18/2021	0.019	
2/15/2022	0.021	
8/25/2022	0.018	
2/21/2023		0.02
8/9/2023		0.022
3/1/2024		0.019
8/6/2024		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.011	
6/16/2010	0.012	
7/27/2010	0.012	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.0077	
5/4/2012	0.0082	
11/10/2012	0.007	
5/9/2013	0.0079	
11/6/2013	0.011	
5/20/2014	0.0076 (J)	
11/12/2014	0.0071 (J)	
5/24/2015	0.0083 (J)	
11/12/2015	0.0069 (J)	
4/13/2016	0.00804 (J)	
6/21/2016	0.0086 (J)	
8/15/2016	0.0073	
10/5/2016	0.0077	
12/1/2016	0.0075	
2/8/2017	0.0078	
4/6/2017	0.0079	
6/20/2017	0.0078	
10/5/2017	0.0081	
3/21/2018	0.0081	
10/2/2018	0.0075	
3/27/2019	0.007	
9/11/2019	0.011	
3/18/2020	0.0086	
9/10/2020	0.009	
4/1/2021	0.0078	
8/11/2021	0.0078	
2/16/2022	0.0074	
8/25/2022	0.0069	
2/27/2023		0.0082
8/9/2023		0.0087
2/29/2024		0.0086
8/6/2024		0.0072

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	0.002 (J)	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	0.0031 (J)	
5/20/2014	0.002 (J)	
11/12/2014	<0.002	
5/23/2015	0.0027 (J)	
11/12/2015	0.0022 (J)	
4/13/2016	<0.002	
6/21/2016	0.0012 (J)	
8/15/2016	0.0021 (J)	
10/5/2016	0.0013 (J)	
12/1/2016	0.0015 (J)	
2/8/2017	0.0016 (J)	
4/5/2017	0.0014 (J)	
6/20/2017	0.0015 (J)	
10/5/2017	0.0015 (J)	
3/21/2018	0.0014 (J)	
10/2/2018	0.0012 (J)	
3/26/2019	0.0013 (J)	
9/11/2019	0.0036	
3/18/2020	0.0016 (J)	
9/10/2020	<0.002	
4/1/2021	0.0015 (J)	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		0.002
8/9/2023		0.0026
2/29/2024		0.0021
8/6/2024		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.0051	
6/18/2010	0.0043 (J)	
7/29/2010	0.0058	
9/9/2010	0.0052	
4/26/2011	0.0025 (J)	
10/28/2011	0.0035 (J)	
5/4/2012	0.0073	
11/11/2012	0.004 (J)	
5/8/2013	0.006	
11/7/2013	0.0068 (J)	
5/20/2014	0.0039 (J)	
11/12/2014	0.0039 (J)	
5/24/2015	0.004 (J)	
11/12/2015	0.0077 (J)	
4/13/2016	0.0038 (J)	
6/21/2016	0.0035 (J)	
8/15/2016	0.0034	
10/7/2016	0.0037	
12/1/2016	0.0037	
2/9/2017	0.0038	
4/6/2017	0.0039	
6/22/2017	0.0042	
10/6/2017	0.0039	
3/22/2018	0.028 (O)	
10/3/2018	0.0056	
3/26/2019	0.0048	
9/11/2019	0.0075	
3/18/2020	0.008	
9/10/2020	0.0054	
4/6/2021	0.0061	
8/11/2021	0.0051	
2/16/2022	0.005	
8/26/2022	0.0043	
2/27/2023		0.006
8/9/2023		0.0066
3/1/2024		0.0059
8/6/2024		0.0045

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036 (J)	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
6/21/2016	0.0006 (J)	
8/15/2016	<0.002	
10/4/2016	<0.002	
12/1/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.0038	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		0.0018 (J)
3/1/2024		0.0022
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.012	
6/16/2010	0.014	
7/26/2010	0.013	
9/7/2010	0.015	
4/29/2011	0.014	
10/28/2011	0.014	
5/2/2012	0.017	
11/9/2012	0.014	
5/8/2013	0.017	
11/6/2013	0.017	
5/23/2014	0.013	
11/8/2014	0.018	
5/22/2015	0.02	
11/10/2015	0.013	
4/11/2016	0.0139	
6/16/2016	0.014	
8/11/2016	0.016	
10/5/2016	0.014	
11/29/2016	0.013	
2/8/2017	0.013	
4/6/2017	0.014	
6/21/2017	0.013	
10/5/2017	0.014	
3/20/2018	0.014	
10/2/2018	0.014	
3/26/2019	0.014	
9/11/2019	0.017	
3/18/2020	0.014	
9/9/2020	0.013	
4/1/2021	0.014	
8/11/2021	0.014	
2/16/2022	0.012	
8/25/2022	0.012	
2/28/2023		0.012
8/9/2023		0.014
2/29/2024		0.013
8/6/2024		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0039 (J)	
6/16/2010	0.0049 (J)	
7/27/2010	0.0047 (J)	
9/7/2010	0.0057	
4/29/2011	0.0087	
10/28/2011	0.0075	
5/2/2012	0.011	
11/9/2012	0.0076	
5/9/2013	0.0088	
11/6/2013	0.011	
5/22/2014	0.0057 (J)	
11/8/2014	0.013	
5/22/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	0.0082 (J)	
8/11/2016	0.0085	
10/5/2016	0.01	
11/29/2016	0.0087	
2/8/2017	0.0093	
4/5/2017	0.0098	
6/21/2017	0.0094	
10/5/2017	0.0096	
3/20/2018	0.0097	
10/2/2018	0.0097	
3/26/2019	0.0091	
9/12/2019	0.012	
3/19/2020	0.012	
9/9/2020	0.011	
4/5/2021	0.012	
8/11/2021	0.013	
2/16/2022	0.011	
8/25/2022	0.015	
2/28/2023		0.014
8/8/2023		0.014
2/29/2024		0.015
8/6/2024		0.015

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.0063	
6/17/2010	0.0053	
7/27/2010	0.0064	
9/7/2010	0.0078	
4/29/2011	0.0065	
10/28/2011	0.0092	
5/3/2012	0.011	
11/10/2012	0.0073	
5/9/2013	0.0098	
11/6/2013	0.011	
5/22/2014	0.0097 (J)	
11/9/2014	0.012	
5/22/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	0.0087 (J)	
8/11/2016	0.0083	
10/5/2016	0.0094	
11/30/2016	0.0084	
2/8/2017	0.0091	
4/6/2017	0.011	
6/21/2017	0.0081	
10/5/2017	0.0083	
3/21/2018	0.0085	
10/3/2018	0.0091	
3/26/2019	0.0092	
9/12/2019	0.011	
3/19/2020	0.0094	
9/10/2020	0.009	
4/5/2021	0.008	
8/11/2021	0.0087	
2/16/2022	0.0081	
8/25/2022	0.0079	
2/28/2023		0.009
8/8/2023		0.01
3/1/2024		0.0088
8/6/2024		0.0088

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/6/2016	0.00261 (JO)	
6/15/2016	0.00092 (J)	
8/10/2016	0.00076 (J)	
10/4/2016	0.00081 (J)	
11/30/2016	0.00061 (J)	
2/7/2017	<0.0025	
4/4/2017	0.00084 (J)	
6/20/2017	0.0012 (J)	
10/4/2017	0.00087 (J)	
3/20/2018	0.0018 (J)	
10/2/2018	0.0011 (J)	
3/26/2019	0.0019 (J)	
9/10/2019	0.0012 (J)	
3/18/2020	0.0017 (J)	
9/9/2020	0.0016 (J)	
4/1/2021	0.0024 (J)	
8/11/2021	0.0011 (J)	
2/15/2022	0.0029	
8/25/2022	0.0014 (J)	
2/28/2023		0.0026
8/3/2023		0.0017 (J)
3/4/2024		0.0026
8/6/2024		0.001 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	0.003 (JO)	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	2.2E-05 (J)	
8/10/2016	<0.0025	
10/4/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00031 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	<0.0025	
4/1/2021	0.00014 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	8.4E-05 (J)	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00052 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00019 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	0.00017 (J)	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/18/2021	0.00025 (J)	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	1.1E-05 (J)	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00015 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.0002 (J)	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.0034 (JO)	
9/7/2010	<0.0025	
4/29/2011	0.0037 (JO)	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.0001 (J)	
8/12/2016	0.00042 (J)	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	0.00042 (J)	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00028 (J)	
3/18/2020	0.00014 (J)	
9/10/2020	0.00023 (J)	
4/6/2021	0.00031 (J)	
8/12/2021	0.00067 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00046 (J)	
2/28/2023		<0.0025
8/9/2023		<0.0025
3/4/2024		<0.0025
8/7/2024		0.00023 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.00016 (J)	
8/12/2016	<0.0025	
10/6/2016	0.00068 (J)	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.00096 (J)	
9/10/2019	<0.0025	
3/19/2020	0.00021 (J)	
9/10/2020	0.00032 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	9.9E-05 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	8.7E-05 (J)	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025	
6/20/2016	8.6E-05 (J)	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/19/2020	0.00013 (J)	
9/10/2020	0.00038 (J)	
4/1/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.0063 (JO)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (JO)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046 (J)	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	0.00068 (J)	
2/9/2017	0.0009 (J)	
4/7/2017	0.0011 (J)	
6/21/2017	0.00064 (J)	
8/15/2017	0.001 (J)	
9/1/2017	0.00089 (J)	
10/9/2017	0.00085 (J)	
3/22/2018	<0.0025 (O)	
10/4/2018	0.00048 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.00085 (J)	
3/18/2020	0.0027	
9/9/2020	0.0043	
4/5/2021	0.0026	
8/12/2021	0.0019 (J)	
2/15/2022	0.0037	
8/25/2022	0.0021 (J)	
2/27/2023		0.004
8/8/2023		0.0044
2/29/2024		0.0031
8/6/2024		0.0017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/3/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/22/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00023 (J)	
4/1/2021	0.00015 (J)	
8/12/2021	0.00013 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00053 (J)	
2/27/2023		<0.0025
8/8/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/17/2021	0.0035	
10/18/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/21/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.00033 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00042 (J)	
3/18/2020	0.00013 (J)	
9/10/2020	0.00057 (J)	
4/1/2021	0.00028 (J)	
8/11/2021	0.00033 (J)	
2/16/2022	0.00033 (J)	
8/26/2022	0.00033 (J)	
2/27/2023		<0.0025
8/9/2023		0.00035 (J)
2/29/2024		0.00027 (J)
8/6/2024		0.00029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/23/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	0.0032 (JO)	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	8E-05 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00023 (J)	
3/18/2020	0.00018 (J)	
9/9/2020	0.00014 (J)	
4/1/2021	<0.0025	
8/11/2021	0.00021 (J)	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	9.8E-05 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00014 (J)	
9/9/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	0.00012 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	0.0005 (J)	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00026 (J)	
9/10/2020	0.00018 (J)	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00095 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00074 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/5/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0012 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/24/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/13/2014	<0.002	
5/23/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/5/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/18/2021	0.0011 (J)	
2/15/2022	0.0013 (J)	
8/24/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00069 (J)	
8/12/2021	0.00078 (J)	
2/15/2022	0.0013 (J)	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.003 (J)	
6/17/2010	<0.002	
7/28/2010	0.012 (O)	
9/7/2010	0.0026 (J)	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	0.0042 (J)	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0011 (J)	
3/18/2020	<0.002	
9/10/2020	0.00072 (J)	
4/6/2021	0.00088 (J)	
8/12/2021	0.0019 (J)	
2/15/2022	0.0013 (J)	
8/25/2022	0.0013 (J)	
2/28/2023		<0.002
8/9/2023		<0.002
3/4/2024		<0.002
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	0.0022 (J)	
7/28/2010	0.0033 (J)	
9/8/2010	<0.002	
4/28/2011	0.0037 (J)	
10/29/2011	<0.002	
5/3/2012	0.0031 (J)	
11/10/2012	0.0021 (J)	
5/10/2013	0.0025 (J)	
11/6/2013	0.0032 (J)	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	0.002 (J)	
4/12/2016	<0.002	
10/6/2016	0.0022 (J)	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0039	
9/10/2019	0.0017 (J)	
3/19/2020	<0.002	
9/10/2020	0.0011 (J)	
4/2/2021	0.0012 (J)	
8/12/2021	<0.002	
2/15/2022	0.0011 (J)	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.002	
6/18/2010	0.0026 (J)	
7/27/2010	0.0029 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	0.0037 (J)	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00066 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (JO)	
7/28/2010	0.0021 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	0.0022 (J)	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	0.0022 (J)	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/7/2017	<0.002	
10/6/2017	0.0026	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00086 (J)	
3/19/2020	<0.002	
9/10/2020	0.0024	
4/1/2021	0.00094 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.0036 (J)	
6/19/2010	0.004 (J)	
7/28/2010	0.013	
9/8/2010	0.068	
4/30/2011	0.098	
10/27/2011	0.02	
5/4/2012	0.024	
11/11/2012	0.032	
5/10/2013	0.18 (O)	
11/7/2013	0.021	
5/21/2014	0.0089 (J)	
11/13/2014	0.1	
5/23/2015	0.048	
11/11/2015	0.059	
4/19/2016	0.0131 (J)	
10/10/2016	0.0046	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/3/2012	0.0023 (J)	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	0.0038	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.0017 (J)	
2/27/2023		0.0013 (J)
8/8/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.002	
6/16/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/17/2021	0.0053	
10/18/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/21/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	0.0021 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	0.0007 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	0.0024 (J)	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	0.0021 (J)	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	0.0025 (J)	
7/26/2010	0.0023 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00084 (J)	
3/18/2020	<0.002	
9/9/2020	0.00084 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		0.0011 (J)
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	0.0021 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/8/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/4/2016	<0.01	
11/30/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	<0.01	
3/18/2020	0.036 (J)	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.036 (J)	
2/15/2022	0.054 (J)	
8/25/2022	<0.01	
2/28/2023		0.077 (J)
8/3/2023		<0.01
3/4/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/4/2016	<0.01	
11/29/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.041 (J)	
9/10/2019	0.047 (J)	
3/18/2020	0.041 (J)	
9/9/2020	0.034 (J)	
4/1/2021	0.035 (J)	
8/11/2021	0.05 (J)	
2/15/2022	0.079 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.089 (J)
8/3/2023		0.074 (J)
2/28/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.042 (J)	
9/10/2019	0.046 (J)	
3/18/2020	0.071 (J)	
9/9/2020	0.036 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.053 (J)	
2/15/2022	0.083 (J)	
8/24/2022	0.047 (J)	
2/28/2023		0.067 (J)
8/3/2023		0.068 (J)
2/28/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (JD)	
8/11/2016	0.092 (J)	
10/4/2016	<0.01	
11/30/2016	0.091 (J)	
2/7/2017	<0.01	
4/5/2017	<0.01	
6/20/2017	0.082 (J)	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021	0.081 (J)	
8/18/2021	0.14	
10/18/2021	0.081 (J)	
2/15/2022	0.12	
5/12/2022	0.048 (J)	
8/24/2022	0.075 (J)	
2/27/2023		0.08 (J)
8/9/2023		0.11
3/1/2024		<0.01
8/6/2024		0.079 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/4/2016	<0.01	
11/30/2016	<0.01	
2/7/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.046 (J)	
9/10/2019	0.048 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.043 (J)	
8/12/2021	0.054 (J)	
2/15/2022	0.072 (J)	
8/26/2022	0.048 (J)	
2/27/2023		0.055 (J)
8/9/2023		0.068 (J)
3/1/2024		<0.01
8/6/2024		0.049 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.057 (J)	
6/20/2016	0.04 (J)	
8/16/2016	<0.01	
10/5/2016	<0.01	
11/30/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.046 (J)	
9/10/2019	0.058 (J)	
3/18/2020	0.091 (J)	
9/10/2020	0.063 (J)	
4/6/2021	0.045 (J)	
8/12/2021	0.084 (J)	
2/15/2022	0.092 (J)	
8/25/2022	0.059 (J)	
2/28/2023		0.08 (J)
8/9/2023		0.076 (J)
3/4/2024		<0.01
8/7/2024		0.059 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	0.121 (J)	
6/20/2016	0.04 (J)	
8/16/2016	0.13 (J)	
10/6/2016	0.1 (J)	
11/30/2016	0.13 (J)	
2/8/2017	0.093 (J)	
4/6/2017	0.1 (J)	
6/22/2017	0.11 (J)	
10/6/2017	0.096 (J)	
3/21/2018	0.094 (J)	
10/3/2018	0.1 (J)	
3/26/2019	0.087 (J)	
9/10/2019	0.097 (J)	
3/19/2020	0.038 (J)	
9/10/2020	0.1	
4/2/2021	0.097 (J)	
8/12/2021	0.11	
2/15/2022	0.13	
8/25/2022	0.077 (J)	
2/27/2023		0.075 (J)
8/8/2023		0.1
2/29/2024		<0.01
8/7/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.01	
8/16/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.029 (J)	
8/12/2021	0.045 (J)	
2/15/2022	0.16	
5/12/2022	0.03 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.065 (J)
8/8/2023		0.066 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.01	
8/16/2016	<0.01	
10/6/2016	<0.01	
11/30/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/6/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.058 (J)	
9/11/2019	0.058 (J)	
3/18/2020	0.082 (J)	
9/10/2020	0.052 (J)	
6/2/2021	0.038 (J)	
8/11/2021	0.055 (J)	
2/15/2022	0.095 (J)	
8/25/2022	0.058 (J)	
2/27/2023		0.072 (J)
8/8/2023		0.1
2/29/2024		<0.01
8/7/2024		0.065 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	0.061 (J)	
6/20/2016	0.12 (J)	
8/15/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/7/2017	<0.01	
6/22/2017	<0.01	
10/6/2017	<0.01	
3/22/2018	<0.01	
10/4/2018	<0.01	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.01	
9/10/2020	0.053 (J)	
4/1/2021	0.072 (J)	
8/11/2021	0.058 (J)	
2/15/2022	0.083 (J)	
8/25/2022	0.051 (J)	
2/27/2023		0.054 (J)
8/8/2023		0.084 (J)
2/29/2024		<0.01
8/6/2024		0.048 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.135 (J)	
10/10/2016	0.12 (J)	
12/1/2016	0.12 (J)	
2/9/2017	0.11 (J)	
4/7/2017	0.15 (J)	
6/21/2017	0.21	
8/15/2017	0.1 (J)	
9/1/2017	0.084 (J)	
10/9/2017	0.11 (J)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J)	
3/27/2019	0.071 (J)	
9/11/2019	0.071 (J)	
3/18/2020	0.073 (J)	
9/9/2020	0.038 (J)	
6/1/2021	0.034 (J)	
8/12/2021	0.087 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.059 (J)	
2/27/2023		0.097 (J)
8/8/2023		0.053 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.083 (J)	
6/22/2016	0.03 (J)	
8/15/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	0.084 (J)	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.066 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.096 (J)	
9/9/2020	0.067 (J)	
4/1/2021	0.072 (J)	
8/12/2021	0.085 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.064 (J)	
2/27/2023		0.07 (J)
8/8/2023		0.088 (J)
3/1/2024		<0.01
8/6/2024		0.07 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.082 (J)	
6/21/2016	0.02 (J)	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.077 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.088 (J)	
9/9/2020	0.055 (J)	
4/1/2021	0.086 (J)	
8/17/2021	0.083 (J)	
2/15/2022	0.099 (J)	
8/25/2022	0.065 (J)	
2/21/2023		0.061 (J)
8/9/2023		0.083 (J)
3/1/2024		<0.01
8/6/2024		0.064 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	0.061 (J)	
6/21/2016	0.03 (J)	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.048 (J)	
9/11/2019	0.054 (J)	
3/18/2020	0.064 (J)	
9/10/2020	0.052 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.01	
8/25/2022	0.059 (J)	
2/27/2023		0.064 (J)
8/9/2023		0.071 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	0.01 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/5/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.029 (J)	
2/16/2022	<0.01	
8/26/2022	0.026 (J)	
2/27/2023		0.032 (J)
8/9/2023		<0.01
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.039 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/7/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/22/2017	<0.01	
10/6/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.04 (J)	
9/11/2019	0.051 (J)	
3/18/2020	0.055 (J)	
9/10/2020	0.034 (J)	
4/6/2021	0.026 (J)	
8/11/2021	0.045 (J)	
2/16/2022	<0.01	
8/26/2022	0.055 (J)	
2/27/2023		0.055 (J)
8/9/2023		0.06 (J)
3/1/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	0.027 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/4/2016	<0.01	
12/1/2016	<0.01	
2/7/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.045 (J)	
2/16/2022	<0.01	
8/26/2022	0.068 (J)	
2/27/2023		0.047 (J)
8/9/2023		<0.01
3/1/2024		<0.01
8/8/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.01	
9/9/2020	0.045 (J)	
4/1/2021	0.041 (J)	
8/11/2021	0.062 (J)	
2/16/2022	0.034 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.12
8/9/2023		0.066 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/8/2017	<0.01	
4/5/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.01	
9/9/2020	0.034 (J)	
6/1/2021	0.026 (J)	
8/11/2021	0.047 (J)	
2/16/2022	0.028 (J)	
8/25/2022	0.042 (J)	
2/28/2023		0.079 (J)
8/8/2023		0.067 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/30/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.01	
9/10/2020	0.051 (J)	
6/1/2021	0.033 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.01	
8/25/2022	0.05 (J)	
2/28/2023		0.089 (J)
8/8/2023		0.053 (J)
3/1/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0021 (J)	
6/16/2010	0.0028 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/2/2012	<0.001	
11/9/2012	0.0024 (J)	
5/8/2013	0.0051	
11/6/2013	0.0033 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0036 (J)	
11/9/2015	0.0039 (J)	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00016 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	0.0021 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0024 (J)	
10/28/2011	0.002 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0034 (J)	
11/6/2013	0.0028 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0032 (J)	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00022 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	0.0026 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0036 (J)	
10/29/2011	0.0038 (J)	
5/3/2012	<0.001	
11/9/2012	0.0024 (J)	
5/9/2013	0.0085	
11/5/2013	0.0042 (J)	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	0.0044 (J)	
11/11/2015	0.0042 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	0.00067 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00023 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		0.00028 (J)
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	0.003 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0037 (J)	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/9/2012	0.003 (J)	
5/9/2013	0.0063	
11/5/2013	0.0043 (J)	
5/22/2014	<0.001	
11/13/2014	0.0021 (J)	
5/24/2015	0.0043 (J)	
11/11/2015	0.0032 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00014 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.011 (O)	
6/17/2010	0.0027 (J)	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0038 (J)	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	0.0029 (J)	
5/10/2013	0.0061	
11/6/2013	0.0025 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0034 (J)	
11/10/2015	0.0021 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	0.00037 (J)	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
3/4/2024		<0.001
8/7/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.002 (J)	
4/28/2011	0.0042 (J)	
10/29/2011	0.0036 (J)	
5/3/2012	<0.001	
11/10/2012	0.0023 (J)	
5/10/2013	0.0062	
11/6/2013	0.0043 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0046 (J)	
11/11/2015	0.0028 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00019 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	0.0027 (J)	
7/28/2010	<0.001	
9/9/2010	0.002 (J)	
4/30/2011	0.0037 (J)	
10/29/2011	0.0025 (J)	
5/4/2012	<0.001	
11/10/2012	0.003 (J)	
5/9/2013	0.0064	
11/7/2013	0.0037 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0053 (J)	
11/11/2015	0.0022 (J)	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00017 (J)	
4/1/2021	<0.001	
8/11/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.0023 (J)	
4/30/2011	0.011 (O)	
10/27/2011	0.0055	
5/4/2012	0.0029 (J)	
11/11/2012	0.0052	
5/10/2013	0.023 (O)	
11/7/2013	0.0083	
5/21/2014	<0.001	
11/13/2014	0.0085	
5/23/2015	0.0077 (J)	
11/11/2015	0.008 (J)	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	0.00047 (J)	
2/9/2017	0.0012 (J)	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		0.00021 (J)
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.001	
6/16/2010	0.002 (J)	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.003 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/11/2012	0.0022 (J)	
5/9/2013	0.007	
11/5/2013	0.0048 (J)	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.0035 (J)	
11/12/2015	0.0032 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/17/2021	0.00044 (J)	
10/18/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/21/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0032 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/10/2012	0.0025 (J)	
5/9/2013	0.0051	
11/6/2013	0.0037 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0037 (J)	
11/12/2015	0.0038 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0017	
9/10/2020	0.00014 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
2/29/2024		0.0012
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021 (J)	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	0.0036 (J)	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/7/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	0.00061 (J)	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	0.0022 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0029 (J)	
10/28/2011	0.0021 (J)	
5/2/2012	<0.001	
11/9/2012	0.002 (J)	
5/9/2013	0.0056	
11/6/2013	0.0035 (J)	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0047 (J)	
11/10/2015	0.0044 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	0.0009 (J)	
6/21/2017	<0.001	
10/5/2017	0.0015	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00014 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	7E-05 (J)	
11/5/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/22/2015	7.2E-05 (J)	
11/11/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	9.3E-05 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	7.4E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	8E-05 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.00012 (J)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
2/28/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	7.8E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	0.00011 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	7.1E-05 (J)	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	0.00011 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.00014 (J)	
10/2/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
2/28/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	7.3E-05 (J)	
5/23/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.0001 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	7E-05 (J)	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00011 (J)	
10/2/2018	0.000136 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/18/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0002	
6/19/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	9.3E-05 (J)	
4/28/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/22/2014	<0.0002	
11/13/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00012 (J)	
10/2/2018	<0.0002	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/6/2013	0.00014 (J)	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/9/2023		<0.0002
3/4/2024		<0.0002
8/7/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/10/2013	0.00012	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00012 (J)	
10/3/2018	0.00014 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/7/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00016 (J)	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
6/22/2016	<0.0002	
8/16/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/22/2018	9.5E-05 (J)	
10/3/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017 (J)	
4/30/2011	<0.0002	
10/29/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00014 (J)	
11/7/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00011 (J)	
10/3/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
6/2/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/7/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/29/2011	7E-05 (J)	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/7/2013	0.00016 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/20/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	9.9E-05 (J)	
10/4/2018	0.0001445 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/19/2020	0.00011 (J)	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0002	
6/19/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	0.00011 (J)	
4/30/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/7/2013	0.00019 (J)	
5/21/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
10/10/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/21/2017	<0.0002	
8/15/2017	<0.0002	
9/1/2017	<0.0002	
10/9/2017	8.9E-05 (J)	
3/22/2018	9.7E-05 (J)	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/3/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	8.8E-05 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/22/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	8.8E-05 (J)	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000141 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/17/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/21/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00019 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000142 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	8.2E-05 (J)	
6/18/2010	<0.0002	
7/29/2010	<0.0002	
9/9/2010	<0.0002	
4/26/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/8/2013	<0.0002	
11/7/2013	0.0001 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	0.00012 (J)	
10/3/2018	0.0001425 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	9.1E-05 (J)	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	0.00016 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/4/2016	<0.0002	
12/1/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000143 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	<0.0002	
5/23/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.8E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/5/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.0002	
10/2/2018	0.0001405 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	8.5E-05 (J)	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.0001415 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	0.00015 (J)	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	0.00202 (J)	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00081 (J)	
3/18/2020	0.00043 (J)	
9/9/2020	0.00069 (J)	
4/1/2021	0.00049 (J)	
8/11/2021	0.00051 (J)	
2/15/2022	0.00065 (J)	
8/25/2022	0.001	
2/28/2023		0.00057 (J)
8/3/2023		0.00099 (J)
3/4/2024		<0.001
8/6/2024		0.00085 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	0.04 (O)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00037 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/5/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0012	
3/18/2020	<0.001	
9/9/2020	0.00048 (J)	
4/1/2021	0.0004 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	0.00082 (J)	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	0.0086 (O)	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/4/2016	<0.0025	
4/5/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00065 (J)	
3/18/2020	0.00056 (J)	
9/9/2020	0.00047 (J)	
4/1/2021	0.00073 (J)	
8/18/2021	0.0017	
2/15/2022	0.00052 (J)	
8/24/2022	0.00086 (J)	
2/27/2023		0.0013
8/9/2023		0.0071
10/4/2023		0.00085 (J)
3/1/2024		0.00096 (J)
8/6/2024		0.00059 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0033 (JO)	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0025	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021	0.0022	
8/12/2021	0.0028	
2/15/2022	0.0018	
8/26/2022	0.002	
2/27/2023		0.0038
8/9/2023		0.0017
3/1/2024		0.0018
8/6/2024		0.0029
11/7/2024		0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0025	
9/10/2019	0.0016	
3/18/2020	0.00091 (J)	
9/10/2020	0.0014	
4/6/2021	0.0018	
8/12/2021	0.0029	
2/15/2022	0.0013	
8/25/2022	0.0024	
2/28/2023		0.0011
8/9/2023		0.00078 (J)
3/4/2024		0.0014
8/7/2024		0.0016

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.0036	
9/10/2019	0.00079 (J)	
3/19/2020	0.00073 (J)	
9/10/2020	0.0013	
4/2/2021	0.0012	
8/12/2021	0.00076 (J)	
2/15/2022	0.00076 (J)	
8/25/2022	0.0015	
2/27/2023		0.0012
8/8/2023		0.001
2/29/2024		0.0015
8/7/2024		0.0013

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.006 (O)	
11/11/2015	<0.001	
4/19/2016	0.00268 (J)	
10/6/2016	<0.001	
4/6/2017	0.0018 (J)	
10/5/2017	<0.001	
3/22/2018	0.0019 (J)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.0007 (J)	
3/18/2020	0.00068 (J)	
9/9/2020	0.00039 (J)	
4/1/2021	0.00042 (J)	
8/12/2021	0.00061 (J)	
2/15/2022	0.001	
8/25/2022	0.00071 (J)	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		0.00049 (J)
8/6/2024		0.00046 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0034 (J)	
6/18/2010	0.0046 (J)	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0053	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	0.0047 (J)	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00099 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	0.0009 (J)	
4/5/2021	0.00088 (J)	
8/11/2021	0.00074 (J)	
2/15/2022	0.00089 (J)	
8/25/2022	0.0013	
2/27/2023		0.0008 (J)
8/8/2023		0.00075 (J)
2/29/2024		0.00098 (J)
8/7/2024		0.00083 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0044 (J)	
11/11/2015	<0.001	
4/13/2016	<0.001	
10/6/2016	<0.001	
4/7/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00046 (J)	
3/19/2020	<0.001	
9/10/2020	0.0007 (J)	
4/1/2021	0.00036 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	0.0015	
2/27/2023	0.01 (o)	
5/2/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.008	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0025	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0025	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0025	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.0013	
3/18/2020	0.0044	
9/9/2020	0.0036	
4/5/2021	0.0058	
8/12/2021	0.0035	
2/15/2022	0.0055	
8/25/2022	0.0053	
2/27/2023		0.007
5/2/2023		0.0062
8/8/2023		0.0087
10/4/2023		0.0052
2/29/2024		0.0055
8/6/2024		0.0046

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021	0.00058 (J)	
8/12/2021	0.00045 (J)	
2/15/2022	<0.001	
8/25/2022	0.0042 (o)	
12/28/2022	0.00068 (J)	
2/27/2023		0.00091 (J)
8/8/2023		0.00066 (J)
3/1/2024		0.00086 (J)
8/6/2024		0.00042 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	0.00271 (J)	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0025	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021	0.0012	
8/17/2021	0.0094 (o)	
10/18/2021	0.002	
2/15/2022	0.0022	
8/25/2022	0.003	
12/28/2022	0.0017	
2/21/2023		0.0031
8/9/2023		0.0026
3/1/2024		0.0048
5/20/2024		0.0016
8/6/2024		0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00066 (J)	
3/18/2020	0.0005 (J)	
9/10/2020	0.0012	
4/1/2021	0.00065 (J)	
8/11/2021	0.0006 (J)	
2/16/2022	0.0007 (J)	
8/25/2022	0.00081 (J)	
2/27/2023		0.00085 (J)
8/9/2023		0.00068 (J)
2/29/2024		0.00099 (J)
8/6/2024		0.00086 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
10/5/2016	<0.0025	
4/5/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00084 (J)	
3/18/2020	0.0006 (J)	
9/10/2020	0.00088 (J)	
4/1/2021	0.00065 (J)	
8/11/2021	0.0008 (J)	
2/16/2022	0.00076 (J)	
8/26/2022	0.00096 (J)	
2/27/2023		0.0011
8/9/2023		0.00094 (J)
2/29/2024		0.00092 (J)
8/6/2024		0.0009 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	<0.001	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	<0.001	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/7/2016	<0.001	
4/6/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00039 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	0.00044 (J)	
4/6/2021	0.00053 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		0.00043 (J)
3/1/2024		0.00059 (J)
8/6/2024		0.00046 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0045 (JO)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00048 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	0.00064 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021	0.00047 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	0.0017	
2/28/2023		0.0016
8/8/2023		0.00051 (J)
2/29/2024		0.00067 (J)
8/6/2024		0.00053 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0063 (O)	
11/10/2015	<0.001	
4/12/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	0.002 (J)	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00098 (J)	
9/10/2020	0.00098 (J)	
4/5/2021	0.00048 (J)	
8/11/2021	0.00056 (J)	
2/16/2022	0.00055 (J)	
8/25/2022	0.00074 (J)	
2/28/2023		<0.001
8/8/2023		0.00067 (J)
3/1/2024		0.00059 (J)
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	4.81	
6/18/2010	5.6	
7/28/2010	5.92	
9/9/2010	4.89	
4/30/2011	5.27	
10/28/2011	5.45	
5/2/2012	5.8	
11/9/2012	5.3	
5/8/2013	5.76	
11/5/2013	5.08	
5/20/2014	5.26 (D)	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5	
6/15/2016	5.52	
8/10/2016	5.5	
10/4/2016	5.56	
11/30/2016	5.46	
2/7/2017	5.28	
4/1/2017	5.48	
4/4/2017	5.48	
6/20/2017	5.44	
10/4/2017	5.44	
3/20/2018	5.48	
10/2/2018	5.49	
3/26/2019	5.41	
9/10/2019	5.41	
3/18/2020	5.42	
9/9/2020	5.71	
4/1/2021	5.31	
8/11/2021	5.5	
2/15/2022	5.4	
8/25/2022	5.4	
2/28/2023		5.4
8/3/2023		5.48
3/4/2024		5.24
8/6/2024		5.48

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	5.94	
6/16/2010	6.4	
7/27/2010	6.53	
9/7/2010	6.06	
4/29/2011	6.18	
10/28/2011	6.63	
5/2/2012	6.25	
11/9/2012	6.31	
5/8/2013	6.34	
11/6/2013	6.6	
5/20/2014	6.16 (D)	
11/8/2014	6.52	
5/22/2015	6.3	
11/9/2015	5.63	
11/11/2015	6.36	
4/6/2016	6.46	
6/15/2016	6.39	
8/10/2016	6.39	
10/4/2016	6.4	
11/29/2016	6.36	
2/7/2017	6.45	
4/4/2017	6.37	
6/20/2017	6.4	
10/5/2017	6.42	
3/20/2018	6.36	
10/2/2018	6.38	
3/26/2019	6.42	
3/18/2020	6.29	
9/9/2020	6.33	
4/1/2021	6.44	
8/11/2021	6.35	
2/15/2022	6.46	
8/25/2022	6.42	
2/28/2023		6.45
8/3/2023		6.24
2/28/2024		6.49
8/6/2024		6.35

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	5.2	
6/16/2010	5.93	
7/26/2010	6.03	
9/7/2010	6.23	
4/29/2011	5.68	
10/28/2011	5.89	
5/2/2012	5.74	
11/9/2012	5.75	
5/8/2013	5.53	
11/6/2013	5.92	
5/20/2014	5.635 (D)	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.96	
6/15/2016	5.96	
8/10/2016	5.94	
10/5/2016	5.86	
11/29/2016	5.82	
2/7/2017	6.15	
4/4/2017	6	
6/20/2017	6.34	
10/5/2017	5.93	
3/20/2018	5.97	
10/2/2018	6.03	
3/26/2019	6.12	
9/10/2019	6.31	
3/18/2020	6.03	
9/9/2020	6.05	
4/1/2021	6.14	
8/11/2021	6.14	
2/15/2022	6.2	
8/24/2022	6.22	
2/28/2023		6.19
8/3/2023		6.22
2/28/2024		6.41
8/6/2024		6.21

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	6.09	
6/17/2010	6.19	
7/27/2010	6.41	
9/9/2010	6.19	
4/28/2011	6.46	
10/29/2011	6.49	
5/3/2012	6.66	
11/9/2012	6.45	
5/9/2013	6.58	
11/5/2013	6.42	
5/23/2014	6.345 (D)	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
9/10/2019	6.51	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021	6.52	
8/18/2021	6.59	
10/18/2021	6.36	
2/15/2022	6.83	
5/12/2022	6.55	
8/24/2022	6.42	
2/27/2023		6.56
8/9/2023		6.57
10/4/2023		6.56
3/1/2024		6.71
8/6/2024		6.61

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	5.89	
6/19/2010	6.14	
7/27/2010	6.42	
9/9/2010	5.79	
4/28/2011	6.74	
10/28/2011	6.62	
5/3/2012	6.53	
11/9/2012	6.42	
5/9/2013	6.97	
11/5/2013	6.66	
5/22/2014	6.515 (D)	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
9/10/2019	6.39	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021	7.32 (O)	
8/12/2021	6.41	
2/15/2022	6.61	
8/26/2022	6.37	
2/27/2023		6.41
8/9/2023		6.6
3/1/2024		6.5
8/6/2024		6.7
11/7/2024		6.45

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	5.45	
6/17/2010	6.08	
7/28/2010	6.18	
9/7/2010	5.37	
4/29/2011	5.82	
10/28/2011	5.93	
5/3/2012	5.91	
11/9/2012	5.93	
5/10/2013	6.16	
11/6/2013	6.03	
5/22/2014	5.825 (D)	
11/9/2014	6.1	
5/22/2015	5.92	
11/10/2015	6.02	
11/16/2015	6.02	
4/12/2016	5.97	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
9/10/2019	5.99	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023		6
5/2/2023		6.27
8/9/2023		6.07
10/4/2023		6.03
3/4/2024		6.11
5/20/2024		5.9
8/7/2024		5.84
11/7/2024		6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	5.79	
6/17/2010	6.45	
7/28/2010	6.53	
9/8/2010	5.69	
4/28/2011	6.17	
10/29/2011	6.36	
5/3/2012	6.26	
11/10/2012	6.27	
5/10/2013	6.43	
11/6/2013	6.37	
5/22/2014	6.19 (D)	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44	
6/20/2016	6.33	
8/12/2016	6.29	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
9/10/2019	6.31	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19	
8/25/2022	6.19	
12/28/2022	6.2	
2/27/2023		6.17
5/2/2023		6.13
8/8/2023		6.3
2/29/2024		6.31
5/20/2024		6.08
8/7/2024		6.12
11/6/2024		6.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	5.43	
6/18/2010	6.12	
7/27/2010	6.28	
9/9/2010	5.68	
4/29/2011	5.89	
10/28/2011	6.19	
5/4/2012	6.17	
11/10/2012	6.08	
5/9/2013	5.99	
11/6/2013	5.78	
5/22/2014	5.86 (D)	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
9/11/2019	5.82	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021	6.01	
8/12/2021	5.87	
2/15/2022	6.16	
5/12/2022	5.99	
8/25/2022	5.96	
2/28/2023		6
8/8/2023		6.16
2/29/2024		6.25
8/6/2024		6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	5.52	
6/18/2010	6.35	
7/27/2010	6.48	
9/9/2010	5.5	
4/30/2011	6.09	
10/29/2011	6.41	
5/4/2012	6.2	
11/10/2012	6.17	
5/9/2013	6.13	
11/7/2013	6.06	
5/21/2014	6.045 (D)	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
9/11/2019	6.23	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023		6.16
8/8/2023		6.37
2/29/2024		6.37
5/20/2024		6.16
8/7/2024		6.19
11/6/2024		6.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	5.95	
6/18/2010	6.52	
7/28/2010	6.58	
9/9/2010	5.81	
4/30/2011	6.25	
10/29/2011	6.52	
5/4/2012	6.34	
11/10/2012	6.31	
5/9/2013	6.2	
11/7/2013	6.21	
5/21/2014	6.18 (D)	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
9/11/2019	6.35	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023		6.35
5/2/2023		6.38
8/8/2023		6.48
2/29/2024		6.57
5/7/2024		6.3
8/6/2024		6.25
11/6/2024		6.51

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	6.93	
6/19/2010	7.08	
7/28/2010	7.05	
9/8/2010	5.93	
4/30/2011	7.11	
10/27/2011	7.08	
5/4/2012	6.39	
11/11/2012	6.24	
5/10/2013	6.46	
11/7/2013	6.59	
5/21/2014	6.685 (D)	
11/13/2014	6.55	
5/23/2015	6.36	
11/11/2015	6.36	
4/19/2016	6.4	
6/23/2016	6.35	
8/23/2016	6.29	
10/10/2016	6.3 (D)	
12/1/2016	6.37 (D)	
2/9/2017	6.39 (D)	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11	
8/15/2017	6.95	
9/1/2017	6.86	
10/9/2017	6.75	
3/22/2018	7.05	
10/4/2018	7.26	
3/27/2019	6.69	
9/11/2019	6.72	
3/18/2020	6.42	
9/9/2020	6.3	
4/5/2021	6.35	
6/1/2021	6.28	
8/12/2021	6.37	
2/15/2022	6.34	
8/25/2022	6.29	
2/27/2023		6.27
5/2/2023		6.23
8/8/2023		6.38
10/4/2023		6.45
2/29/2024		6.52
8/6/2024		6.35

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	5.99	
6/16/2010	5.97	
7/27/2010	6.69	
9/8/2010	6.15	
4/29/2011	6.31	
10/27/2011	6.72	
5/3/2012	6.74	
11/11/2012	6.59	
5/9/2013	6.67	
11/6/2013	6.38	
5/21/2014	6.355 (D)	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
9/11/2019	6.63	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62	
2/27/2023		6.57
8/8/2023		6.63
3/1/2024		6.82
8/6/2024		6.47
11/6/2024		6.58

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	5.97	
6/16/2010	5.82	
7/28/2010	6.47	
9/8/2010	6.08	
4/29/2011	6.3	
10/27/2011	6.47	
5/4/2012	6.5	
11/11/2012	6.21	
5/9/2013	6.51	
11/5/2013	6.07	
5/21/2014	6.125 (D)	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
9/11/2019	6.32	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021	6.35	
8/17/2021	6.45	
10/18/2021	6.25	
2/15/2022	6.48	
5/12/2022	6.31	
8/25/2022	6.2	
12/28/2022	6.36	
2/21/2023		6.33
5/2/2023		6.3
8/9/2023		6.3
3/1/2024		6.47
5/20/2024		6.28
8/6/2024		6.22

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	5.58	
6/16/2010	5.78	
7/27/2010	6.38	
9/8/2010	5.64	
4/29/2011	6.14	
10/27/2011	6.19	
5/4/2012	6.28	
11/10/2012	6	
5/9/2013	6.28	
11/6/2013	5.69	
5/20/2014	6.09 (D)	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17	
6/21/2016	6.19	
8/15/2016	6.15	
10/5/2016	6.1	
12/1/2016	6.15	
2/8/2017	5.9	
4/6/2017	6.13	
6/20/2017	6.12	
10/5/2017	6.11	
3/21/2018	6.21	
10/2/2018	6.21	
3/27/2019	6.22	
9/11/2019	6.17	
3/18/2020	6.17	
9/10/2020	6.16	
4/1/2021	6.11	
8/11/2021	6.21	
2/16/2022	6.16	
8/25/2022	6.01	
2/27/2023		6.19
8/9/2023		6.24
2/29/2024		6.26
8/6/2024		6.11

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	4.25	
6/18/2010	5.37	
7/27/2010	5.45	
9/8/2010	5.58	
4/29/2011	4.86	
10/28/2011	4.68	
5/3/2012	5.26	
11/10/2012	4.98	
5/9/2013	5.25	
11/6/2013	4.22	
5/20/2014	4.83 (D)	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22	
6/21/2016	5.2	
8/15/2016	5.12	
10/5/2016	5.07	
10/7/2016	5.07	
12/1/2016	5.08	
2/8/2017	4.76	
4/5/2017	5.1	
6/20/2017	5.13	
10/5/2017	5.1	
3/21/2018	5.33	
10/2/2018	5.16	
3/26/2019	5.25	
9/11/2019	5.1	
3/18/2020	5.19	
9/10/2020	5.1	
4/1/2021	5.18	
8/11/2021	5.2	
2/16/2022	5.11	
8/26/2022	5.07	
2/27/2023		5.2
8/9/2023		5.1
2/29/2024		5.24
8/6/2024		5.26

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	4.93	
6/18/2010	5.91	
7/29/2010	6.01	
9/9/2010	5.1	
4/26/2011	5.6	
10/28/2011	5.87	
5/4/2012	5.82	
11/11/2012	5.83	
5/8/2013	6.21	
11/7/2013	5.78	
5/20/2014	5.665 (D)	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88	
6/21/2016	5.9	
8/15/2016	5.86	
10/4/2016	5.85	
10/7/2016	5.85	
12/1/2016	5.85	
2/9/2017	5.92	
4/6/2017	5.85	
6/22/2017	5.9	
10/6/2017	5.88	
3/22/2018	5.88	
10/3/2018	5.95	
3/26/2019	5.89	
9/11/2019	5.89	
3/18/2020	5.81	
9/10/2020	5.83	
4/6/2021	5.95	
8/11/2021	5.92	
2/16/2022	5.79	
8/26/2022	5.91	
2/27/2023		5.94
8/9/2023		5.95
3/1/2024		5.9
8/6/2024		5.95

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	4.87	
6/18/2010	5.75	
7/28/2010	5.9	
9/9/2010	5.05	
4/30/2011	5.38	
10/28/2011	5.59	
5/3/2012	5.77	
11/10/2012	5.63	
5/8/2013	6.11	
11/5/2013	5.23	
5/20/2014	5.37 (D)	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
9/11/2019	5.59	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021	5.53	
8/11/2021	5.61	
2/16/2022	5.6	
8/26/2022	5.51	
2/27/2023		5.62
8/9/2023		5.58
3/1/2024		5.55
5/7/2024		5.55
8/8/2024		5.56

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	5.76	
6/16/2010	6.38	
7/26/2010	6.52	
9/7/2010	5.74	
4/29/2011	6.19	
10/28/2011	6.39	
5/2/2012	6.22	
11/9/2012	6.3	
5/8/2013	6.07	
11/6/2013	6.45	
5/23/2014	6.09 (D)	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
9/11/2019	6.37	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021	6.37	
8/11/2021	6.43	
2/16/2022	6.54	
5/12/2022	6.39	
8/25/2022	6.45	
2/28/2023		6.36
8/9/2023		6.41
2/29/2024		6.51
8/6/2024		6.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	5.93	
6/16/2010	6.58	
7/27/2010	6.69	
9/7/2010	5.87	
4/29/2011	6.37	
10/28/2011	6.52	
5/2/2012	6.24	
11/9/2012	6.31	
5/9/2013	6.01	
11/6/2013	6.6	
5/22/2014	6.295 (D)	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
9/12/2019	6.39	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
10/7/2021	6.79	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29	
2/28/2023		6.29
8/8/2023		6.32
2/29/2024		6.33
8/6/2024		6.26

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	6.05	
6/17/2010	6.77	
7/27/2010	6.82	
9/7/2010	5.94	
4/29/2011	6.33	
10/28/2011	6.73	
5/3/2012	6.51	
11/10/2012	6.48	
5/9/2013	6.42	
11/6/2013	6.73	
5/22/2014	6.345 (D)	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
9/12/2019	6.57	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021	6.64	
6/1/2021	6.39	
8/11/2021	6.58	
2/16/2022	6.71	
5/12/2022	6.52	
8/25/2022	6.62	
12/28/2022	6.56	
2/28/2023		6.53
8/8/2023		6.59
3/1/2024		6.73
5/7/2024		6.5
8/6/2024		6.41

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	0.00067 (J)	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	0.0043 (J)	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	0.00024 (J)	
2/7/2017	<0.005	
4/4/2017	0.0017	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	0.0044 (J)	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	0.00027 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0053 (J)	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	0.00037 (J)	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	0.00037 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	0.0044 (J)	
11/11/2015	0.0045 (J)	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	0.0023	
6/20/2017	0.00024 (J)	
10/4/2017	<0.005	
3/20/2018	0.00059 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		0.00075 (J)
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	0.00036 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
3/4/2024		<0.005
8/7/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	0.00029 (J)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023		0.0039 (J)
8/8/2023		0.0041 (J)
2/29/2024		0.0042 (J)
8/7/2024		0.0045 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/24/2015	0.013 (J)	
11/11/2015	0.037	
4/19/2016	0.0587	
6/22/2016	0.0435	
8/16/2016	0.029	
10/6/2016	0.027	
12/1/2016	0.029	
2/9/2017	0.031	
4/6/2017	0.043	
6/21/2017	0.052	
10/5/2017	0.038	
3/22/2018	0.038	
10/3/2018	0.021	
3/27/2019	0.023	
9/11/2019	0.0079	
3/18/2020	0.014	
9/9/2020	0.0054	
4/1/2021	0.0065	
8/12/2021	0.0088	
2/15/2022	0.0058	
8/25/2022	0.0043 (J)	
2/28/2023		0.0033 (J)
8/8/2023		0.003 (J)
2/29/2024		0.0018 (J)
8/6/2024		0.0029 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.007 (J)	
4/12/2016	<0.005	
6/20/2016	0.00032 (J)	
8/12/2016	0.00035 (J)	
10/6/2016	0.00029 (J)	
11/30/2016	0.00026 (J)	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00031 (J)	
10/6/2017	<0.005	
3/21/2018	0.00038 (J)	
10/3/2018	0.00056 (J)	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/7/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0053 (J)	
11/11/2015	0.0049 (J)	
4/13/2016	<0.005	
6/20/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/30/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/10/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0045 (J)	
11/11/2015	0.0043 (J)	
4/19/2016	<0.005	
10/10/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	0.00044 (J)	
10/9/2017	<0.005	
3/22/2018	0.00032 (J)	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	0.0065 (J)	
4/13/2016	<0.005	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.0004 (J)	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	0.0043 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.005 (J)	
11/12/2015	0.0042 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.00031 (J)	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	0.004 (J)	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0052 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	0.00025 (J)	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0041 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0044 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	0.32 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.8 (J)	
4/4/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	1.2	
10/2/2018	<1	
3/26/2019	2.1	
9/10/2019	0.65 (J)	
3/18/2020	3.1	
9/9/2020	1.6	
4/1/2021	2.7	
8/11/2021	1.3	
2/15/2022	2.6	
8/25/2022	1.9	
2/28/2023		3.5
8/3/2023		1.7
3/4/2024		2.8
8/6/2024		1.3

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	0.22 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/10/2019	<1	
3/18/2020	0.67 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/28/2023		1.4
8/3/2023		0.4 (J)
2/28/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.58 (J)	
9/10/2019	0.44 (J)	
3/18/2020	0.51 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/24/2022	<1	
2/28/2023		1.3
8/3/2023		<1
2/28/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	0.72 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.92 (J)	
4/5/2017	1	
6/20/2017	0.76 (J)	
10/4/2017	<1	
3/20/2018	0.95 (J)	
10/2/2018	<1	
3/26/2019	0.53 (J)	
9/10/2019	0.69 (J)	
3/18/2020	0.84 (J)	
9/9/2020	0.77 (J)	
4/1/2021	<1	
8/18/2021	0.79 (J)	
2/15/2022	1.5	
8/24/2022	<1	
2/27/2023		1.6
8/9/2023		0.46 (J)
3/1/2024		0.79 (J)
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	0.69 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.99 (J)	
9/10/2019	0.63 (J)	
3/18/2020	0.59 (J)	
9/9/2020	0.59 (J)	
4/1/2021	1.1	
8/12/2021	<1	
2/15/2022	0.79 (J)	
8/26/2022	1.1	
2/27/2023		1.6
8/9/2023		0.51 (J)
3/1/2024		1.2
8/6/2024		0.43 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.419 (J)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1
3/4/2024		10
5/20/2024		0.64 (J)
8/7/2024		15
11/7/2024		18

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33
8/25/2022		19
12/28/2022		32
2/27/2023		56
8/8/2023		53
2/29/2024		84
8/7/2024		73

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	575 (O)	
6/22/2016	470	
8/16/2016	360	
10/6/2016	300	
12/1/2016	340	
2/9/2017	350	
4/6/2017	380	
6/21/2017	490	
10/5/2017	380	
3/22/2018	400	
10/3/2018	270	
3/27/2019	260	
9/11/2019	130	
3/18/2020	170	
9/9/2020	110	
4/1/2021	100	
8/12/2021	140	
2/15/2022	100	
8/25/2022	100	
2/28/2023		87
8/8/2023		79
2/29/2024		75
8/6/2024		73

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023		13
8/8/2023		6.5
2/29/2024		25
5/20/2024		18
8/7/2024		13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<1	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/27/2023		1.4
8/8/2023		<1
2/29/2024		1.5
8/6/2024		1.4

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	32.7	
10/10/2016	33	
12/1/2016	31	
2/9/2017	34	
4/7/2017	37	
6/21/2017	35	
8/15/2017	42	
9/1/2017	40	
10/9/2017	40	
3/22/2018	39	
10/4/2018	30	
3/27/2019	18	
9/11/2019	32	
3/18/2020	16	
9/9/2020	11	
6/1/2021	17	
8/12/2021	27	
2/15/2022	11	
8/25/2022	22	
2/27/2023		12
8/8/2023		7.8
2/29/2024		18
8/6/2024		21

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	8.66	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021	9.7	
8/12/2021	9.7	
2/15/2022	7.2	
8/25/2022	19	
2/27/2023		13
8/8/2023		13
3/1/2024		17
8/6/2024		22
11/6/2024		30

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.51 (J)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019		1.6
9/11/2019		1.8
3/18/2020		2.4
9/9/2020		2.6
4/1/2021		2.7
8/17/2021		1.2
2/15/2022		3.5
5/12/2022		2.7
8/25/2022		3.7
2/21/2023		4.7
5/2/2023		4.3
8/9/2023		2.3
3/1/2024		4.7
5/20/2024		3.9
8/6/2024		4.4

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/27/2019	<1	
9/11/2019	0.63 (J)	
3/18/2020	<1	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/27/2023		0.88 (J)
8/9/2023		<1
2/29/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<1	
6/21/2016	0.2 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/26/2019	0.49 (J)	
9/11/2019	0.5 (J)	
3/18/2020	1.3	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.77 (J)	
2/27/2023		1.2
8/9/2023		<1
2/29/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.646 (J)	
6/21/2016	0.57 (J)	
8/15/2016	<1	
10/7/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/6/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/26/2019	1.3	
9/11/2019	0.81 (J)	
3/18/2020	25 (O)	
9/10/2020	1.3	
4/6/2021	0.9 (J)	
8/11/2021	0.89 (J)	
2/16/2022	<1	
8/26/2022	1.3	
2/27/2023		1.6
8/9/2023		1.3
3/1/2024		1.2
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/4/2016	<1	
12/1/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.64 (J)	
9/11/2019	0.5 (J)	
3/18/2020	<1	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.79 (J)	
2/27/2023		1.2
8/9/2023		<1
3/1/2024		<1
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	0.19 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.39 (J)	
9/11/2019	0.61 (J)	
3/18/2020	0.62 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.2
8/9/2023		<1
2/29/2024		1.8
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	0.23 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021	1.9	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.2
8/8/2023		<1
2/29/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	0.32 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/30/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.45 (J)	
9/12/2019	<1	
3/19/2020	0.71 (J)	
9/10/2020	<1	
6/1/2021	1.4	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.3
8/8/2023		<1
3/1/2024		0.68 (J)
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	38	
6/15/2016	<10	
8/10/2016	56	
10/4/2016	48	
11/30/2016	46	
2/7/2017	18	
4/4/2017	32	
6/20/2017	38	
10/4/2017	42	
3/20/2018	20	
10/2/2018	48	
3/26/2019	45	
9/10/2019	42	
3/18/2020	43	
9/9/2020	<10	
4/1/2021	55	
8/11/2021	55	
2/15/2022	42	
8/25/2022	86	
2/28/2023		50
8/3/2023		53
3/4/2024		41
8/6/2024		53

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	84	
6/15/2016	139	
8/10/2016	80	
10/4/2016	62	
11/29/2016	110	
2/7/2017	70	
4/4/2017	120	
6/20/2017	76	
10/5/2017	110	
3/20/2018	110	
10/2/2018	110	
3/26/2019	100	
9/10/2019	75	
3/18/2020	93	
9/9/2020	66	
4/1/2021	100	
8/11/2021	100	
2/15/2022	99	
8/25/2022	130	
2/28/2023		110
8/3/2023		110
2/28/2024		100
8/6/2024		110

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	61	
6/15/2016	113	
8/10/2016	74	
10/5/2016	44	
11/29/2016	58	
2/7/2017	4 (J)	
4/4/2017	78	
6/20/2017	50	
10/5/2017	64	
3/20/2018	90	
10/2/2018	90	
3/26/2019	82	
9/10/2019	51	
3/18/2020	75	
9/9/2020	64	
4/1/2021	68	
8/11/2021	94	
2/15/2022	79	
8/24/2022	110	
2/28/2023		94
8/3/2023		85
2/28/2024		85
8/6/2024		86

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021	120	
8/18/2021	150	
2/15/2022	120	
8/24/2022	160	
2/27/2023		160
8/9/2023		140
3/1/2024		150
8/6/2024		140

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	93	
6/16/2016	130	
8/11/2016	92	
10/4/2016	120	
11/30/2016	130	
2/7/2017	36	
4/6/2017	150	
6/20/2017	92	
10/4/2017	120	
3/20/2018	120	
10/2/2018	140	
3/26/2019	130	
9/10/2019	140	
3/18/2020	140	
9/9/2020	110	
4/1/2021	120	
8/12/2021	130	
2/15/2022	120	
8/26/2022	180	
2/27/2023		140
8/9/2023		120
3/1/2024		140
8/6/2024		130

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	92	
6/20/2016	78	
8/16/2016	76	
10/5/2016	64	
11/30/2016	82	
2/8/2017	92	
4/6/2017	88	
6/21/2017	88	
10/5/2017	86	
3/21/2018	98	
10/3/2018	60	
3/26/2019	86	
9/10/2019	66	
3/18/2020	72	
9/10/2020	59	
4/6/2021	81	
8/12/2021	89	
2/15/2022	53	
8/25/2022	110	
2/28/2023		72
8/9/2023		88
3/4/2024		99
8/7/2024		100

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260
8/7/2024		250

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	1290	
6/22/2016	1060	
8/16/2016	880	
10/6/2016	820	
12/1/2016	900	
2/9/2017	940	
4/6/2017	1100	
6/21/2017	1200	
10/5/2017	950	
3/22/2018	1000	
10/3/2018	620	
3/27/2019	580	
9/11/2019	310	
3/18/2020	430	
9/9/2020	270	
4/1/2021	260	
8/12/2021	370	
2/15/2022	290	
8/25/2022	290	
2/28/2023		240
8/8/2023		230
2/29/2024		190
8/6/2024		210

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	138	
6/20/2016	154	
8/16/2016	140	
10/6/2016	150	
11/30/2016	160	
2/9/2017	160	
4/6/2017	140	
6/21/2017	150	
10/6/2017	160	
3/21/2018	170	
10/3/2018	120	
3/26/2019	130	
9/11/2019	120	
3/18/2020	140	
9/10/2020	140	
6/2/2021	140	
8/11/2021	160	
2/15/2022	140	
8/25/2022	170	
2/27/2023		150
8/8/2023		110
2/29/2024		160
8/7/2024		150

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	130	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021	110	
8/11/2021	130	
2/15/2022	140	
8/25/2022	150	
2/27/2023		140
8/8/2023		130
2/29/2024		130
8/6/2024		130

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	179	
10/10/2016	110 (O)	
12/1/2016	170	
2/9/2017	180	
4/7/2017	200	
6/21/2017	190	
8/15/2017	190	
9/1/2017	160	
10/9/2017	230	
3/22/2018	220	
10/17/2018	170	
3/27/2019	300	
9/11/2019	210	
3/18/2020	300	
9/9/2020	360	
6/1/2021	340	
8/12/2021	240	
2/15/2022	330	
8/25/2022	270	
2/27/2023		340
8/8/2023	910 (o)	
10/4/2023		240
2/29/2024		270
8/6/2024		230

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	135	
6/22/2016	199	
8/15/2016	120	
10/6/2016	140	
12/1/2016	160	
2/8/2017	130	
4/6/2017	140	
6/21/2017	150	
10/5/2017	170	
3/21/2018	160	
10/2/2018	34	
3/27/2019	140	
9/11/2019	130	
3/18/2020	130	
9/9/2020	150	
4/1/2021	120	
8/12/2021	150	
2/15/2022	140	
8/25/2022	180	
2/27/2023		170
8/8/2023		150
3/1/2024		160
8/6/2024		170

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	103	
6/21/2016	214 (O)	
8/15/2016	130	
10/5/2016	84	
12/1/2016	130	
2/8/2017	130	
4/6/2017	130	
6/21/2017	120	
10/5/2017	140	
3/21/2018	120	
10/2/2018	150	
3/27/2019	140	
9/11/2019	110	
3/18/2020	140	
9/9/2020	160	
4/1/2021	140	
8/17/2021	160	
2/15/2022	150	
8/25/2022	170	
2/21/2023		150
8/9/2023		140
3/1/2024		150
8/6/2024		140

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	99	
6/21/2016	293 (O)	
8/15/2016	90	
10/5/2016	70	
12/1/2016	120	
2/8/2017	86	
4/6/2017	130	
6/20/2017	86	
10/5/2017	94	
3/21/2018	100	
10/2/2018	120	
3/27/2019	100	
9/11/2019	94	
3/18/2020	100	
9/10/2020	95	
4/1/2021	90	
8/11/2021	120	
2/16/2022	79	
8/25/2022	130	
2/27/2023		120
8/9/2023		98
2/29/2024		110
8/6/2024		100

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<5	
6/21/2016	110	
8/15/2016	<5	
10/5/2016	<5	
12/1/2016	16	
2/8/2017	12	
4/5/2017	18	
6/20/2017	<5	
10/5/2017	28	
3/21/2018	28	
10/2/2018	38	
3/26/2019	29	
9/11/2019	14	
3/18/2020	26	
9/10/2020	13	
4/1/2021	17	
8/11/2021	18	
2/16/2022	16	
8/26/2022	29	
2/27/2023		39
8/9/2023		27
2/29/2024		32
8/6/2024		28

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	60	
6/21/2016	195 (O)	
8/15/2016	42	
10/7/2016	24	
12/1/2016	68	
2/9/2017	56	
4/6/2017	68	
6/22/2017	56	
10/6/2017	90	
3/22/2018	76	
10/3/2018	22	
3/26/2019	59	
9/11/2019	33	
3/18/2020	100	
9/10/2020	60	
4/6/2021	55	
8/11/2021	75	
2/16/2022	55	
8/26/2022	84	
2/27/2023		87
8/9/2023		74
3/1/2024		74
8/6/2024		78

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	56	
6/21/2016	68	
8/15/2016	46	
10/4/2016	60	
12/1/2016	70	
2/7/2017	40	
4/6/2017	74	
6/20/2017	34	
10/5/2017	98	
3/20/2018	42	
10/2/2018	40	
3/26/2019	60	
9/11/2019	26	
3/18/2020	57	
9/9/2020	54	
4/1/2021	43	
8/11/2021	71	
2/16/2022	46	
8/26/2022	91	
2/27/2023		70
8/9/2023		64
3/1/2024		63
8/8/2024		65

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021	62	
8/11/2021	98	
2/16/2022	70	
8/25/2022	130	
2/28/2023		100
8/9/2023		95
2/29/2024		96
8/6/2024		95

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021	130	
8/11/2021	120	
2/16/2022	110	
8/25/2022	150	
2/28/2023		130
8/8/2023		130
2/29/2024		130
8/6/2024		130

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021	120	
8/11/2021	110	
2/16/2022	110	
8/25/2022	140	
2/28/2023		120
8/8/2023		130
3/1/2024		130
8/6/2024		120

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	0.00025 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0003 (J)	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00023 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00049 (J)	
9/9/2020	<0.001	
4/1/2021	0.00027 (J)	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/22/2014	<0.001	
11/13/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00025 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00036 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00037 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	0.0003 (J)	
8/11/2021	0.0002 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	0.00027 (J)	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00019 (J)	
4/1/2021	<0.001	
8/11/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00081 (J)	
8/12/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00016 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/10/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00032 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0035 (J)	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	0.0031	
4/4/2017	<0.002	
10/4/2017	0.0021 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		0.0011
8/3/2023		<0.002
3/4/2024		0.00066 (J)
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0049 (J)	
6/16/2010	0.0054 (J)	
7/27/2010	0.0055 (J)	
9/7/2010	0.005 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0081 (J)	
5/2/2012	0.0059 (J)	
11/9/2012	0.0062 (J)	
5/8/2013	0.0079 (J)	
11/6/2013	0.0068 (J)	
5/20/2014	0.0074 (J)	
11/8/2014	0.0097 (J)	
5/22/2015	0.0085 (J)	
11/9/2015	<0.01	
4/6/2016	0.00726 (J)	
10/4/2016	0.013	
4/4/2017	0.0046	
10/5/2017	0.0071	
3/20/2018	0.0067	
10/2/2018	0.0069	
3/26/2019	0.007	
9/10/2019	0.01	
3/18/2020	0.0078	
9/9/2020	0.0072	
4/1/2021	0.0078	
8/11/2021	0.0082	
2/15/2022	0.0077	
8/25/2022	0.0079	
2/28/2023		0.0087
8/3/2023		0.0086
2/28/2024		0.0087
8/6/2024		0.0082

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0024 (J)	
6/16/2010	0.002 (J)	
7/26/2010	<0.01	
9/7/2010	0.0026 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	<0.01	
5/2/2012	0.003 (J)	
11/9/2012	0.0081 (J)	
5/8/2013	<0.01	
11/6/2013	0.0032 (J)	
5/20/2014	0.0036 (J)	
11/8/2014	0.0065 (J)	
5/22/2015	<0.01	
11/9/2015	0.0047 (J)	
4/6/2016	0.00424 (J)	
10/5/2016	0.0049	
4/4/2017	0.0048	
10/5/2017	0.0024 (J)	
3/20/2018	0.0041	
10/2/2018	0.004	
3/26/2019	0.0051	
9/10/2019	0.0091	
3/18/2020	0.0051	
9/9/2020	0.0053	
4/1/2021	0.005	
8/11/2021	0.0055	
2/15/2022	0.0052	
8/24/2022	0.0051	
2/28/2023		0.0057
8/3/2023		0.0041
2/28/2024		0.0056
8/6/2024		0.0055

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.012	
6/17/2010	0.0082 (J)	
7/27/2010	0.0096 (J)	
9/9/2010	0.0098 (J)	
4/28/2011	0.0085 (J)	
10/29/2011	0.011	
5/3/2012	0.013	
11/9/2012	0.013	
5/9/2013	0.012	
11/5/2013	0.015	
5/23/2014	0.015	
11/13/2014	0.02	
5/23/2015	0.018	
11/11/2015	0.018	
4/12/2016	0.0173	
10/4/2016	0.021	
4/5/2017	0.017	
10/4/2017	0.02	
3/20/2018	0.016	
10/2/2018	0.017	
3/26/2019	0.017	
9/10/2019	0.02	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.019	
8/18/2021	0.018	
2/15/2022	0.018	
8/24/2022	0.017	
2/27/2023		0.019
8/9/2023		0.019
3/1/2024		0.018
8/6/2024		0.019

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0078 (J)	
6/19/2010	<0.01	
7/27/2010	0.0096 (J)	
9/9/2010	0.0095 (J)	
4/28/2011	0.01	
10/28/2011	0.014	
5/3/2012	0.013	
11/9/2012	0.012	
5/9/2013	0.012	
11/5/2013	0.014	
5/22/2014	0.013	
11/13/2014	0.016	
5/24/2015	0.014	
11/11/2015	0.014	
4/12/2016	0.0155	
10/4/2016	0.017	
4/6/2017	0.015	
10/4/2017	0.015	
3/20/2018	0.014	
10/2/2018	0.015	
3/26/2019	0.016	
9/10/2019	0.018	
3/18/2020	0.016	
9/9/2020	0.014	
4/1/2021	0.014	
8/12/2021	0.016	
2/15/2022	0.016	
8/26/2022	0.015	
2/27/2023		0.016
8/9/2023		0.016
3/1/2024		0.015
8/6/2024		0.016

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.0046 (J)	
6/17/2010	0.0046 (J)	
7/28/2010	0.019 (O)	
9/7/2010	0.0072 (J)	
4/29/2011	0.0052 (J)	
10/28/2011	0.0059 (J)	
5/3/2012	0.0049 (J)	
11/9/2012	0.007 (J)	
5/10/2013	0.0094 (J)	
11/6/2013	0.0059 (J)	
5/22/2014	0.0057 (J)	
11/9/2014	0.0069 (J)	
5/22/2015	0.006 (J)	
11/10/2015	0.011	
4/12/2016	0.00503 (J)	
10/5/2016	0.0072	
4/6/2017	0.0056	
10/5/2017	0.0061	
3/21/2018	0.0097	
10/3/2018	0.0053	
3/26/2019	0.0076	
9/10/2019	0.0078	
3/18/2020	0.0051	
9/10/2020	0.0061	
4/6/2021	0.0075	
8/12/2021	0.0087	
2/15/2022	0.0064	
8/25/2022	0.0072	
2/28/2023		0.0066
8/9/2023		0.0057
3/4/2024		0.0051
8/7/2024		0.0054

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0068 (J)	
6/17/2010	0.0079 (J)	
7/28/2010	0.0077 (J)	
9/8/2010	0.0077 (J)	
4/28/2011	0.0099 (J)	
10/29/2011	0.006 (J)	
5/3/2012	0.0084 (J)	
11/10/2012	0.0061 (J)	
5/10/2013	0.009 (J)	
11/6/2013	0.0089 (J)	
5/22/2014	0.0084 (J)	
11/9/2014	0.0076 (J)	
5/22/2015	0.011	
11/11/2015	0.0034 (J)	
4/12/2016	0.00654 (J)	
10/6/2016	0.0086	
4/6/2017	0.0073	
10/6/2017	0.0087	
3/21/2018	0.0058	
10/3/2018	0.006	
3/26/2019	0.011	
9/10/2019	0.0086	
3/19/2020	0.0065	
9/10/2020	0.0068	
4/2/2021	0.0081	
8/12/2021	0.007	
2/15/2022	0.0059	
8/25/2022	0.0059	
2/27/2023		0.0056
8/8/2023		0.0056
2/29/2024		0.0049
8/7/2024		0.0038

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.0038 (J)	
6/18/2010	0.0044 (J)	
7/27/2010	0.0054 (J)	
9/9/2010	0.0053 (J)	
4/29/2011	0.0039 (J)	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0035 (J)	
5/9/2013	0.004 (J)	
11/6/2013	0.0034 (J)	
5/22/2014	0.0047 (J)	
11/9/2014	0.0067 (J)	
5/24/2015	0.0033 (J)	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0025	
3/22/2018	0.0018 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.002 (J)	
9/11/2019	0.0047	
3/18/2020	0.002	
9/9/2020	0.002	
4/1/2021	0.0027	
8/12/2021	0.0021	
2/15/2022	0.0026	
8/25/2022	0.0026	
2/28/2023		0.003
8/8/2023		0.0018 (J)
2/29/2024		0.0029
8/6/2024		0.0023

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0055 (J)	
6/18/2010	0.0071 (J)	
7/27/2010	0.0085 (J)	
9/9/2010	0.0088 (J)	
4/30/2011	0.0094 (J)	
10/29/2011	0.009 (J)	
5/4/2012	0.0084 (J)	
11/10/2012	0.0089 (J)	
5/9/2013	0.0071 (J)	
11/7/2013	0.0094 (J)	
5/21/2014	0.0082 (J)	
11/9/2014	0.013	
5/24/2015	0.009 (J)	
11/11/2015	0.0052 (J)	
4/12/2016	0.00896 (J)	
10/6/2016	0.009	
4/6/2017	0.0089	
10/6/2017	0.011	
3/21/2018	0.0077	
10/3/2018	0.0081	
3/26/2019	0.012	
9/11/2019	0.012	
3/18/2020	0.0099	
9/10/2020	0.0094	
4/5/2021	0.0091	
8/11/2021	0.0099	
2/15/2022	0.0094	
8/25/2022	0.011	
2/27/2023		0.0097
8/8/2023		0.0094
2/29/2024		0.0093
8/7/2024		0.0091

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.011	
6/18/2010	0.017	
7/28/2010	0.012	
9/9/2010	0.013	
4/30/2011	0.012	
10/29/2011	0.013	
5/4/2012	0.012	
11/10/2012	0.012	
5/9/2013	0.013	
11/7/2013	0.014	
5/21/2014	0.013	
11/12/2014	0.015	
5/24/2015	0.015	
11/11/2015	0.0055 (J)	
4/13/2016	0.0127	
10/6/2016	0.012	
4/7/2017	0.013	
10/6/2017	0.015	
3/22/2018	0.012	
10/4/2018	0.012	
3/27/2019	0.013	
9/11/2019	0.015	
3/19/2020	0.014	
9/10/2020	0.014	
4/1/2021	0.014	
8/11/2021	0.013	
2/15/2022	0.013	
8/25/2022	0.014	
2/27/2023		0.014
8/8/2023		0.012
2/29/2024		0.013
8/6/2024		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.013	
6/19/2010	0.0075 (J)	
7/28/2010	0.01	
9/8/2010	0.038	
4/30/2011	0.053 (O)	
10/27/2011	0.016	
5/4/2012	0.018	
11/11/2012	0.025	
5/10/2013	0.09 (O)	
11/7/2013	0.02	
5/21/2014	0.016	
11/13/2014	0.065 (O)	
5/23/2015	0.032	
11/11/2015	0.033	
4/19/2016	0.0233	
10/10/2016	0.019	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.002	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.002	
4/5/2021	0.0023	
8/12/2021	<0.002	
2/15/2022	0.00079 (J)	
8/25/2022	0.0023	
2/27/2023		0.0019
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097 (J)	
6/16/2010	0.01	
7/27/2010	0.012	
9/8/2010	0.013	
4/29/2011	0.0097 (J)	
10/27/2011	0.015	
5/3/2012	0.017	
11/11/2012	0.017	
5/9/2013	0.014	
11/6/2013	0.019	
5/21/2014	0.016	
11/12/2014	0.022	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0144	
10/6/2016	0.02	
4/6/2017	0.016	
10/5/2017	0.024	
3/21/2018	0.018	
10/2/2018	0.021	
3/27/2019	0.019	
9/11/2019	0.025	
3/18/2020	0.012	
9/9/2020	0.022	
4/1/2021	0.0095	
8/12/2021	0.02	
2/15/2022	0.017	
8/25/2022	0.025	
2/27/2023		0.018
8/8/2023		0.019
3/1/2024		0.016
8/6/2024		0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.01	
7/28/2010	0.011	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.014	
5/4/2012	0.0096 (J)	
11/11/2012	0.011	
5/9/2013	0.011	
11/5/2013	0.013	
5/21/2014	0.012	
11/12/2014	0.016	
5/23/2015	0.011	
11/12/2015	0.0053 (J)	
4/13/2016	0.0124	
10/5/2016	0.013	
4/6/2017	0.013	
10/5/2017	0.015	
3/21/2018	0.012	
10/2/2018	0.012	
3/27/2019	0.012	
9/11/2019	0.017	
3/18/2020	0.013	
9/9/2020	0.012	
4/1/2021	0.013	
8/17/2021	0.026	
10/18/2021	0.013	
2/15/2022	0.012	
8/25/2022	0.011	
2/21/2023		0.012
8/9/2023		0.013
3/1/2024		0.013
8/6/2024		0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.009 (J)	
6/16/2010	0.0089 (J)	
7/27/2010	0.0089 (J)	
9/8/2010	0.009 (J)	
4/29/2011	0.0082 (J)	
10/27/2011	0.009 (J)	
5/4/2012	0.0091 (J)	
11/10/2012	0.0096 (J)	
5/9/2013	0.01	
11/6/2013	0.01	
5/20/2014	0.011	
11/12/2014	0.012	
5/24/2015	0.012	
11/12/2015	<0.01	
4/13/2016	0.00976 (J)	
10/5/2016	0.013	
4/6/2017	0.011	
10/5/2017	0.013	
3/21/2018	0.0098	
10/2/2018	0.01	
3/27/2019	0.012	
9/11/2019	0.015	
3/18/2020	0.011	
9/10/2020	0.01	
4/1/2021	0.011	
8/11/2021	0.011	
2/16/2022	0.0099	
8/25/2022	0.0099	
2/27/2023		0.012
8/9/2023		0.0099
2/29/2024		0.011
8/6/2024		0.0089

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0032 (J)	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/5/2017	<0.002	
10/5/2017	0.0022 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		0.0014
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	0.0039 (J)	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.004 (J)	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	0.0032	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0041	
9/11/2019	0.0062	
3/18/2020	0.001	
9/10/2020	0.0011	
4/6/2021	0.0028	
8/11/2021	0.0013	
2/16/2022	0.0011	
8/26/2022	0.0016	
2/27/2023		0.0021
8/9/2023		0.0016 (J)
3/1/2024		0.0011 (J)
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/4/2016	0.0026	
4/6/2017	<0.002	
10/5/2017	0.0024 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013	
8/11/2021	0.0012	
2/16/2022	0.00091 (J)	
8/26/2022	0.0017	
2/27/2023		0.002
8/9/2023		0.00079 (J)
3/1/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.0052 (J)	
6/16/2010	0.0059 (J)	
7/26/2010	0.0052 (J)	
9/7/2010	0.0056 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0048 (J)	
5/2/2012	0.0057 (J)	
11/9/2012	0.0057 (J)	
5/8/2013	0.0069 (J)	
11/6/2013	0.0052 (J)	
5/23/2014	0.0081 (J)	
11/8/2014	0.01	
5/22/2015	0.0052 (J)	
11/10/2015	<0.01	
4/11/2016	0.00604 (J)	
10/5/2016	0.0075	
4/6/2017	0.0065	
10/5/2017	0.0052	
3/20/2018	0.0064	
10/2/2018	0.0064	
3/26/2019	0.0094	
9/11/2019	0.011	
3/18/2020	0.0075	
9/9/2020	0.007	
4/1/2021	0.0081	
8/11/2021	0.008	
2/16/2022	0.0066	
8/25/2022	0.007	
2/28/2023		0.0072
8/9/2023		0.0061
2/29/2024		0.0069
8/6/2024		0.0066

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0064 (J)	
6/16/2010	0.0061 (J)	
7/27/2010	0.006 (J)	
9/7/2010	0.0066 (J)	
4/29/2011	0.0066 (J)	
10/28/2011	0.0057 (J)	
5/2/2012	0.006 (J)	
11/9/2012	0.0073 (J)	
5/9/2013	0.0069 (J)	
11/6/2013	0.0077 (J)	
5/22/2014	0.0075 (J)	
11/8/2014	0.0081 (J)	
5/22/2015	0.01	
11/10/2015	0.0033 (J)	
4/11/2016	0.00756 (J)	
10/5/2016	0.0084	
4/5/2017	0.0086	
10/5/2017	0.0062	
3/20/2018	0.0072	
10/2/2018	0.0073	
3/26/2019	0.0094	
9/12/2019	0.0083	
3/19/2020	0.008	
9/9/2020	0.0071	
4/5/2021	0.0068	
8/11/2021	0.0076	
2/16/2022	0.0068	
8/25/2022	0.0068	
2/28/2023		0.0078
8/8/2023		0.007
2/29/2024		0.0078
8/6/2024		0.0075

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.014	
6/17/2010	0.014	
7/27/2010	0.016	
9/7/2010	0.017	
4/29/2011	0.015	
10/28/2011	0.016	
5/3/2012	0.016	
11/10/2012	0.018	
5/9/2013	0.019	
11/6/2013	0.019	
5/22/2014	0.018	
11/9/2014	0.02	
5/22/2015	0.016	
11/10/2015	0.01	
4/12/2016	0.019	
10/5/2016	0.016	
4/6/2017	0.02	
10/5/2017	0.02	
3/21/2018	0.021	
10/3/2018	0.017	
3/26/2019	0.018	
9/12/2019	0.02	
3/19/2020	0.019	
9/10/2020	0.018	
4/5/2021	0.017	
8/11/2021	0.019	
2/16/2022	0.018	
8/25/2022	0.018	
2/28/2023		0.019
8/8/2023		0.018
3/1/2024		0.019
8/6/2024		0.017

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0047 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		0.0035 (J)
2/28/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	0.00274 (J)	
10/5/2016	0.0073 (J)	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0084	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/5/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	0.0039 (J)	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		0.004 (J)
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	0.01	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		0.0046 (J)
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.018 (JO)	
6/17/2010	<0.005	
7/28/2010	0.016 (JO)	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	0.01 (JO)	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0069	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	0.0035 (J)	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
3/4/2024		<0.005
8/7/2024		0.0028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	0.00203 (J)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/7/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0089 (J)	
4/19/2016	0.0133 (O)	
10/6/2016	<0.005	
4/6/2017	0.0087 (J)	
10/5/2017	0.0078 (J)	
3/22/2018	0.0086 (J)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/18/2020	0.0045 (J)	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	0.0034 (J)	
2/15/2022	0.0034 (J)	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0062	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/7/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/6/2016	<0.005	
4/7/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	0.0037 (J)	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	0.0081 (J)	
7/28/2010	0.017 (J)	
9/8/2010	0.085	
4/30/2011	0.13 (O)	
10/27/2011	0.03	
5/4/2012	0.029	
11/11/2012	0.046	
5/10/2013	0.23 (O)	
11/7/2013	0.028	
5/21/2014	0.015 (J)	
11/13/2014	0.13 (O)	
5/23/2015	0.059	
11/11/2015	0.079	
4/19/2016	0.0218	
10/10/2016	0.013 (J)	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		0.016
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0037 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	0.013	
10/18/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00241 (J)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.007 (J)	
10/2/2018	0.022 (O)	
3/27/2019	<0.005	
9/11/2019	0.0072	
3/18/2020	<0.005	
9/10/2020	0.018	
4/1/2021	0.0034 (J)	
8/11/2021	<0.005	
2/16/2022	0.0034 (J)	
8/25/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		0.0036 (J)
8/6/2024		0.0033 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00409 (J)	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0065	
3/18/2020	0.005	
9/10/2020	0.0037 (J)	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	0.0032 (J)	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		0.0028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00289 (J)	
10/7/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	0.0071 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0085	
3/18/2020	0.0052	
9/10/2020	0.0038 (J)	
4/6/2021	0.004 (J)	
8/11/2021	<0.005	
2/16/2022	0.004 (J)	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		0.0031 (J)
3/1/2024		<0.005
8/6/2024		0.003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		0.024
5/7/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0077	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
2/29/2024		0.0032 (J)
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (JO)	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0059	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0065	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	0.0063	
2/28/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

FIGURE E.

Upgradient Wells Trend Tests - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 11:56 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Arsenic (mg/L)	GWA-15 (bg)	0	-17	-206	No	38	94.74	n/a	0.01	NP
Arsenic (mg/L)	GWA-16 (bg)	0	-15	-206	No	38	97.37	n/a	0.01	NP
Arsenic (mg/L)	GWA-17 (bg)	0	-15	-206	No	38	97.37	n/a	0.01	NP
Silver (mg/L)	GWA-15 (bg)	0	0	167	No	33	100	n/a	0.01	NP
Silver (mg/L)	GWA-16 (bg)	0	0	167	No	33	100	n/a	0.01	NP
Silver (mg/L)	GWA-17 (bg)	0	0	167	No	33	100	n/a	0.01	NP

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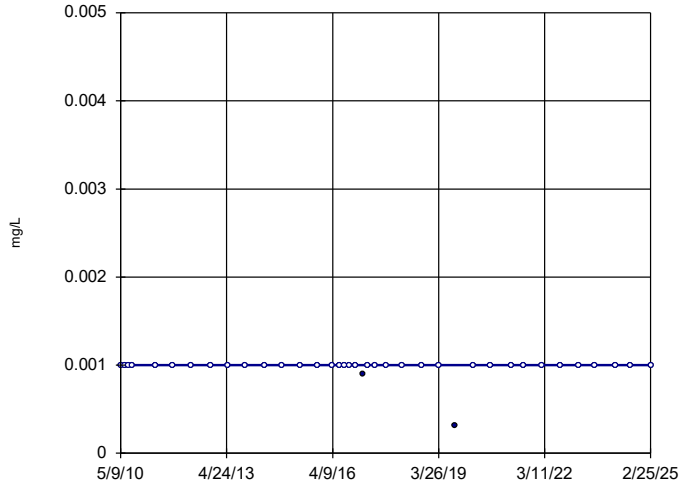
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 38

Slope = 0
units per year.

Mann-Kendall
statistic = -17
critical = -206

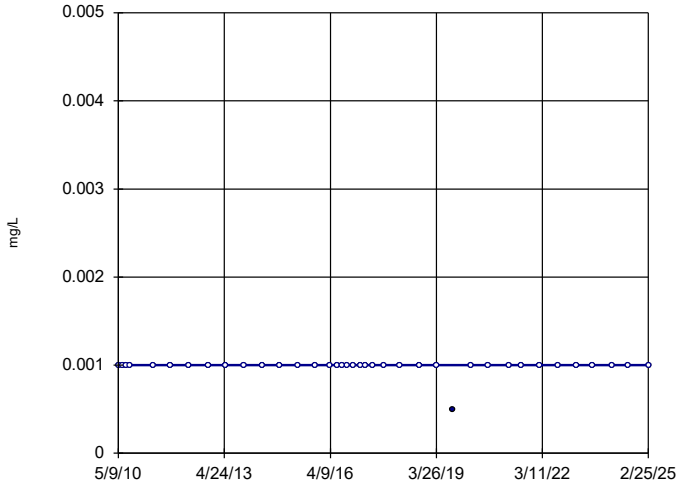
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Arsenic Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 38

Slope = 0
units per year.

Mann-Kendall
statistic = -15
critical = -206

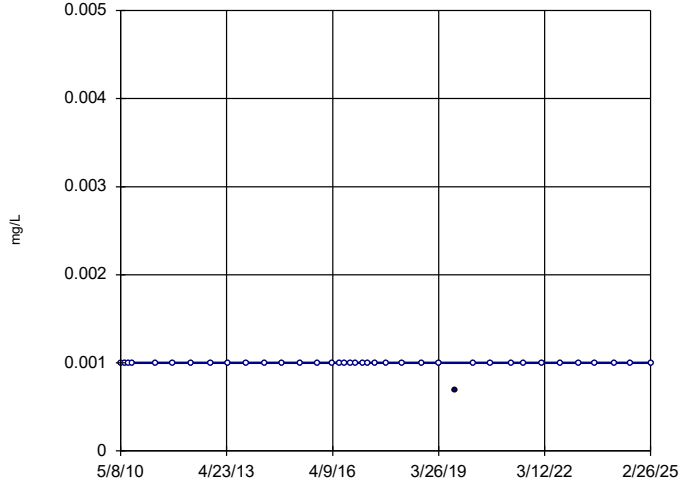
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Arsenic Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 38

Slope = 0
units per year.

Mann-Kendall
statistic = -15
critical = -206

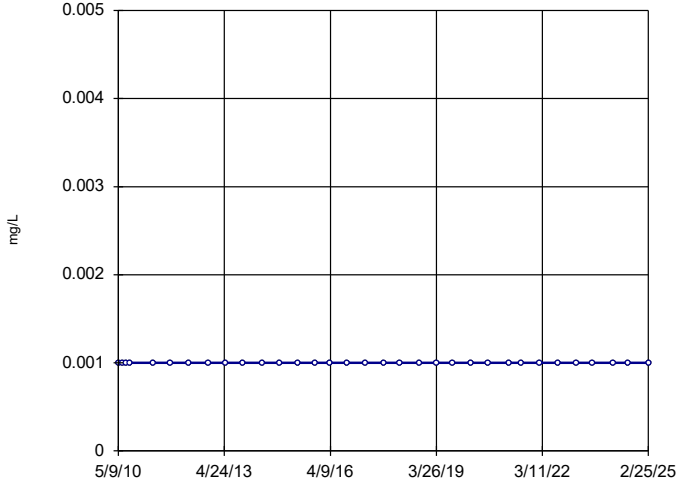
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Arsenic Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 33

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 167

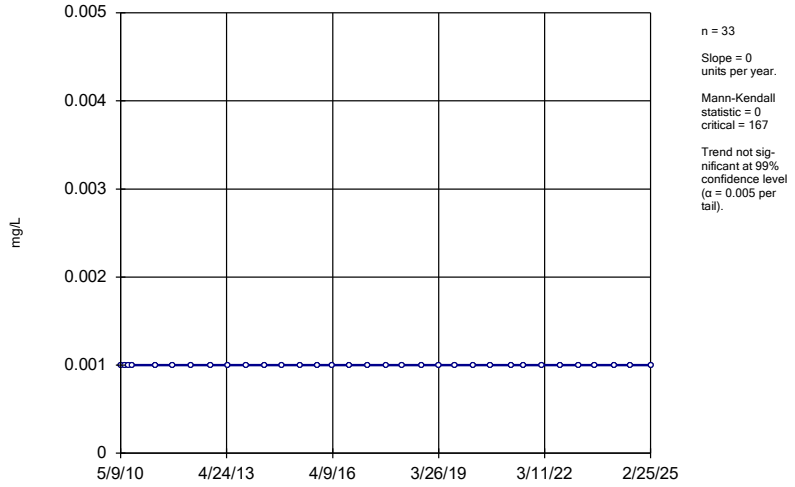
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Silver Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 33

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 167

Trend not significant at 99% confidence level (α = 0.005 per tail).

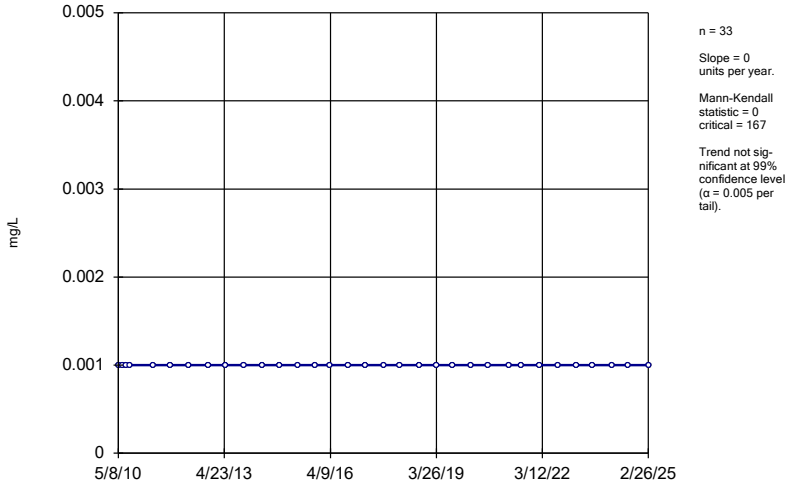
Constituent: Silver Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 33

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 167

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Silver Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE F.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**2/25/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-6**	**0.06535**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**37**	**0.05372**	**0.004755**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**2/25/2025**	**0.033**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**2/25/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	**GWA-17**	**0.008446**	**n/a**	**2/26/2025**	**0.011**	**Yes**	**32**	**0.004701**	**0.001504**	**12.5**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-16	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-2	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-3	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-4	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**2/25/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	GWA-16	0.039	n/a	2/25/2025	0.028	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-17	0.04875	n/a	2/26/2025	0.027	No	37	-3.429	0.1667	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-1	0.05681	n/a	2/25/2025	0.047	No	37	0.04696	0.004028	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-2	0.05389	n/a	2/25/2025	0.043	No	37	0.002099	0.0003289	0	None	x^2	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-3	0.02471	n/a	2/25/2025	0.021	No	35	0.01677	0.003227	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-5	0.1172	n/a	2/25/2025	0.036	No	37	0.3341	0.06345	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-6**	**0.06535**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**37**	**0.05372**	**0.004755**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-7	0.04317	n/a	2/24/2025	0.043	No	37	0.03318	0.004082	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-8A	0.1078	n/a	2/24/2025	0.039	No	37	0.2026	0.05142	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.03685	n/a	2/24/2025	0.029	No	37	0.02382	0.005327	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.0407	n/a	2/24/2025	0.035	No	38	0.02835	0.00506	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.02037	n/a	2/24/2025	0.02	No	37	0.01684	0.001445	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.02084	n/a	2/24/2025	0.02	No	37	0.01643	0.001804	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-13	0.04946	n/a	2/24/2025	0.041	No	37	0.1802	0.01727	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-14	0.01266	n/a	2/25/2025	0.011	No	35	0.009908	0.001119	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04098	n/a	2/25/2025	0.036	No	37	0.03533	0.00231	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**2/25/2025**	**0.033**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**2/25/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Beryllium (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-3	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-4	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-5	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-6	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-8A	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-2	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8A	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-15	0.0036	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-16	0.008074	n/a	2/25/2025	0.0068	No	37	0.005088	0.00122	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWA-17	0.01148	n/a	2/26/2025	0.0083	No	37	0.007284	0.001716	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-1	0.01814	n/a	2/25/2025	0.013	No	37	0.0001616	0.00006843	0	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-2	0.01387	n/a	2/25/2025	0.0092	No	37	0.0001026	0.00003666	2.703	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-3	0.01995	n/a	2/25/2025	0.015	No	36	-4.643	0.2968	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-4	0.009955	n/a	2/25/2025	0.0025	No	37	0.005713	0.001734	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-5	0.01053	n/a	2/25/2025	0.0057	No	37	0.06791	0.01419	2.703	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-6	0.01054	n/a	2/24/2025	0.0054	No	37	-5.311	0.3102	2.703	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Chromium (mg/L)	GWC-8A	0.023	n/a	2/24/2025	0.002ND	No	35	n/a	n/a	51.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.01267	n/a	2/24/2025	0.0029	No	37	0.007694	0.002034	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-10	0.02502	n/a	2/24/2025	0.017	No	37	0.01568	0.003816	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-11	0.012	n/a	2/24/2025	0.0079	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-12	0.0036	n/a	2/24/2025	0.0012J	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-13	0.008363	n/a	2/24/2025	0.0053	No	36	0.004964	0.001385	0	None	No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-14	0.0038	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.02	n/a	2/25/2025	0.011	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-19	0.01723	n/a	2/25/2025	0.016	No	37	0.00998	0.002962	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-20	0.01377	n/a	2/25/2025	0.0084	No	37	0.0945	0.00934	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Cobalt (mg/L)	GWA-15	0.0029	n/a	2/25/2025	0.0013J	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-16	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-1	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-2	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-3	0.0025	n/a	2/25/2025	0.0025ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-4	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8A	0.0046	n/a	2/24/2025	0.0018J	No	34	n/a	n/a	38.24	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-9	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.0035	n/a	2/24/2025	0.0025ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-19	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	2/26/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	2/24/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.1	n/a	2/24/2025	0.002ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0053	n/a	2/24/2025	0.002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-17	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8A	0.0012	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.0017	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.0015	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWA-15	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	2/26/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	2/25/2025	0.00072J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/26/2025	0.001ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0071	n/a	2/25/2025	0.00054J	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0038	n/a	2/25/2025	0.0016	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	2/25/2025	0.0016	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/25/2025	0.0019	No	32	n/a	n/a	59.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/24/2025	0.00064J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.01118	n/a	2/24/2025	0.0046	No	34	0.1514	0.02922	32.35	Kaplan-Meier	x^(1/3)	0.0001937	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.0048	n/a	2/24/2025	0.0011	No	34	n/a	n/a	55.88	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.00053J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0011	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0017	n/a	2/25/2025	0.0012	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	2/25/2025	0.00061J	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-15	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-16	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-17	0.005	n/a	2/26/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.0053	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-2	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-3	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Selenium (mg/L)	GWC-5	0.01744	n/a	2/25/2025	0.0013J	No	11	0.005791	0.003494	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	GWC-6	0.007	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-7	0.0053	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8A	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0065	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0052	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-19	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-15	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-17	0.001	n/a	2/26/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01172	n/a	2/25/2025	0.0069	No	32	0.007333	0.00176	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	**GWA-17**	**0.008446**	**n/a**	**2/26/2025**	**0.011**	**Yes**	**32**	**0.004701**	**0.001504**	**12.5**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-1	0.0233	n/a	2/25/2025	0.017	No	32	0.0002708	0.0001093	0	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.01924	n/a	2/25/2025	0.013	No	32	0.0001998	0.00006842	3.125	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01043	n/a	2/25/2025	0.0042	No	31	0.00653	0.001561	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01171	n/a	2/25/2025	0.0041	No	32	0.007233	0.0018	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006452	n/a	2/25/2025	0.0023	No	32	0.05266	0.01111	18.75	Kaplan-Meier	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01316	n/a	2/24/2025	0.011	No	32	0.009105	0.00163	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01634	n/a	2/24/2025	0.013	No	32	0.000002319	8.2e-7	0	None	x^3	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.0047	n/a	2/24/2025	0.002	No	16	n/a	n/a	37.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-9	0.02777	n/a	2/24/2025	0.01	No	32	0.01692	0.00436	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.026	n/a	2/24/2025	0.013	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-11	0.01473	n/a	2/24/2025	0.011	No	32	0.01031	0.001777	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/24/2025	0.00072J	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	2/24/2025	0.0022	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	68.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01061	n/a	2/25/2025	0.006	No	32	0.08111	0.0088	3.125	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01019	n/a	2/25/2025	0.0067	No	32	0.007199	0.001201	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02308	n/a	2/25/2025	0.016	No	32	0.01753	0.002229	0	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	2/25/2025	0.0034J	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/26/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	2/25/2025	0.005ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/25/2025	0.005ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/24/2025	0.005ND	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.013	n/a	2/24/2025	0.0097	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/24/2025	0.0031J	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/24/2025	0.0029J	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/24/2025	0.0036J	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.024	n/a	2/25/2025	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/25/2025	0.003J	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/25/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2

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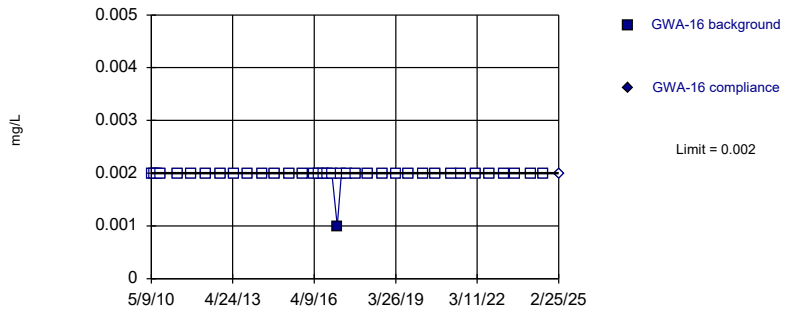
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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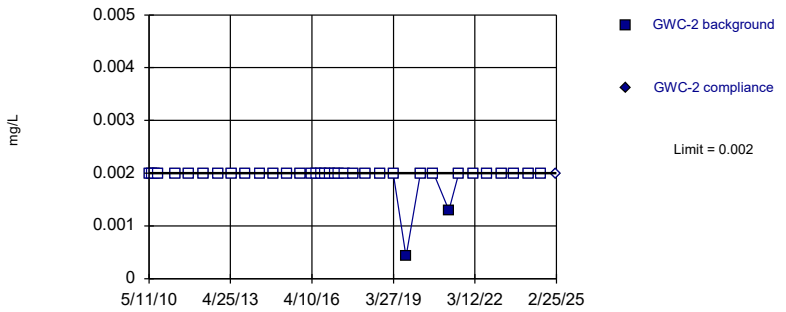
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



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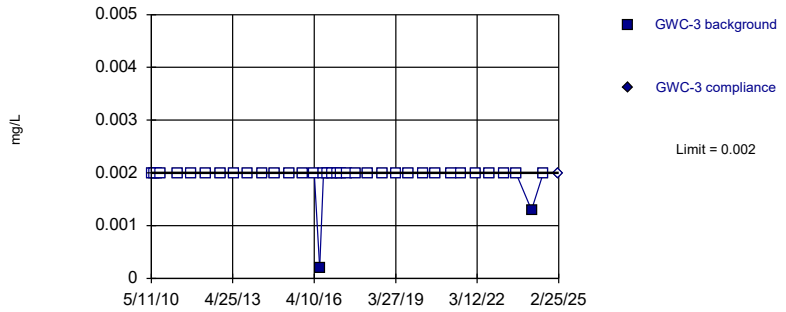
Within Limit

Prediction Limit

Intrawell Non-parametric



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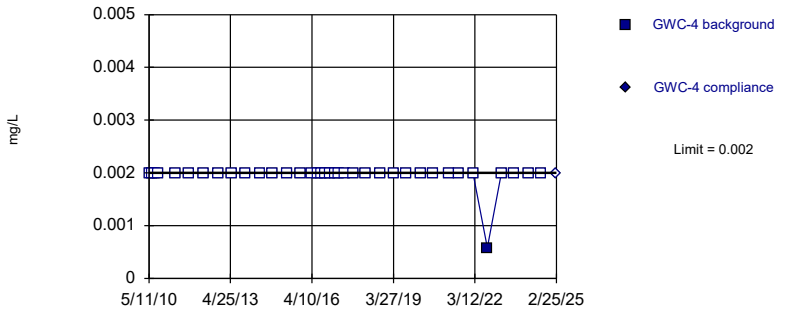
Within Limit

Prediction Limit

Intrawell Non-parametric



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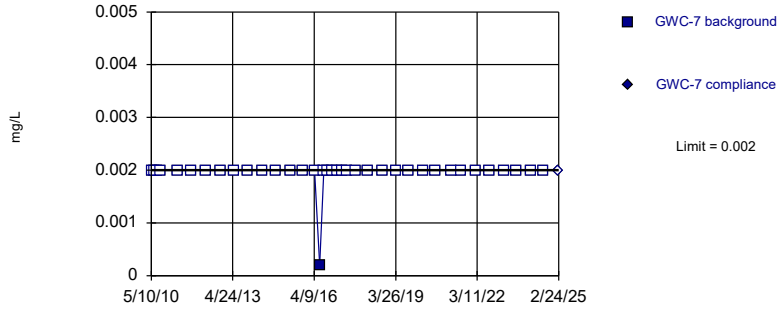
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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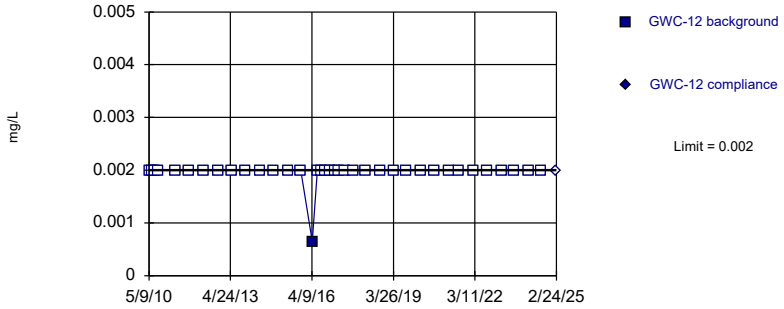
Within Limit

Prediction Limit

Intrawell Non-parametric



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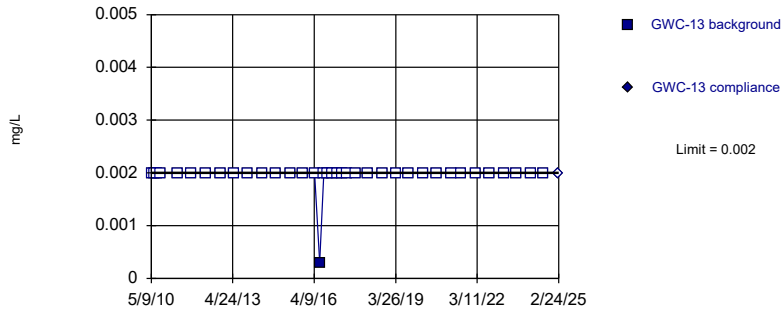
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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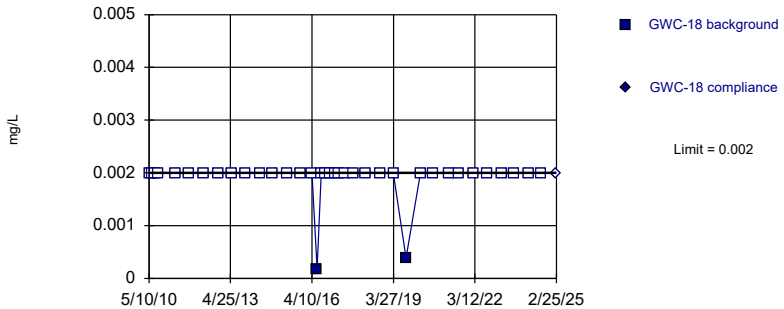
Within Limit

Prediction Limit

Intrawell Non-parametric



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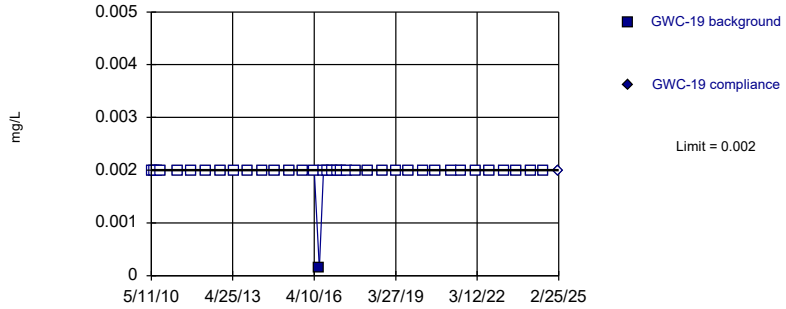
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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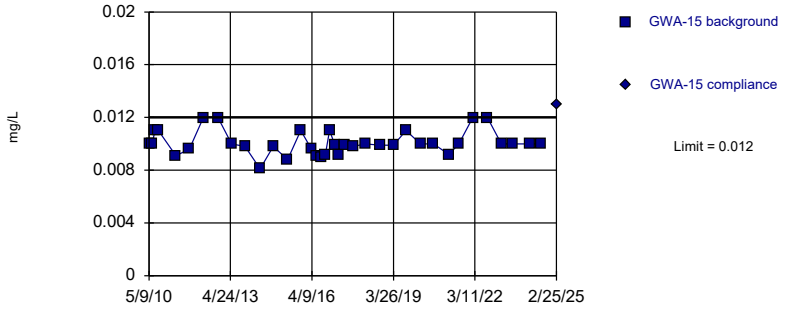
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
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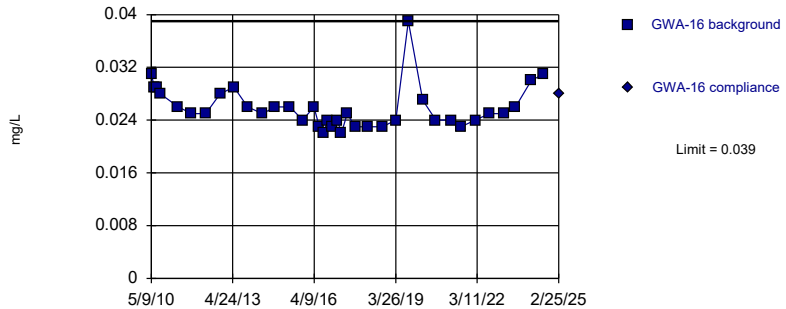
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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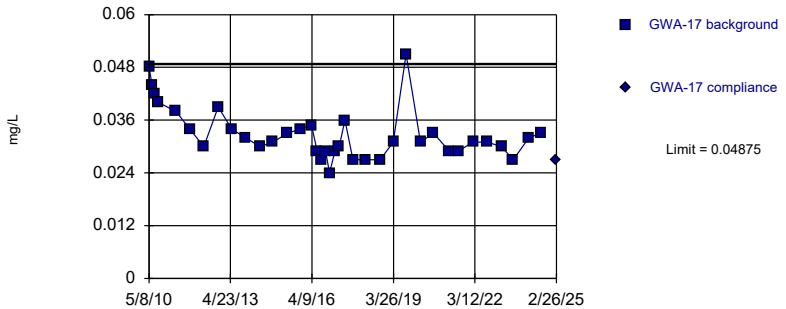
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.429, Std. Dev.=0.1667, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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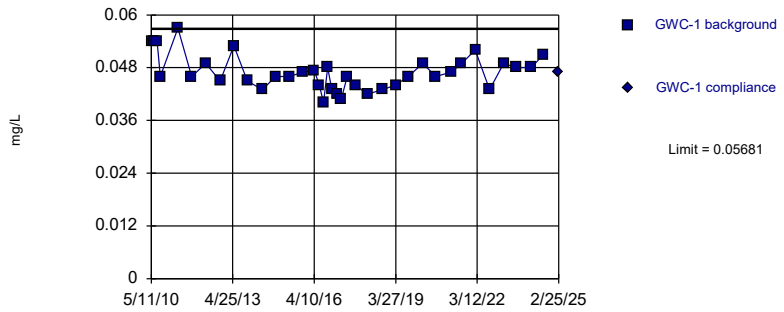
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04696, Std. Dev.=0.004028, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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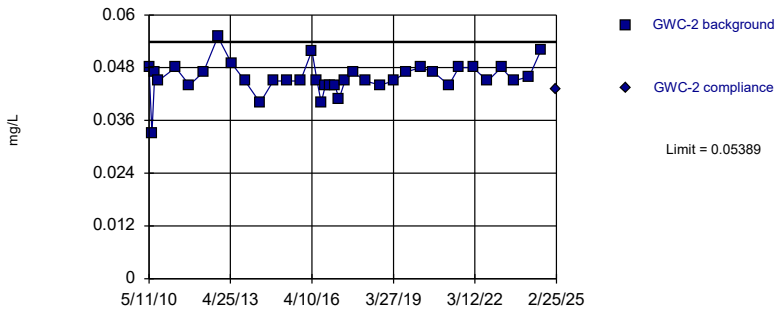
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.002099, Std. Dev.=0.0003289, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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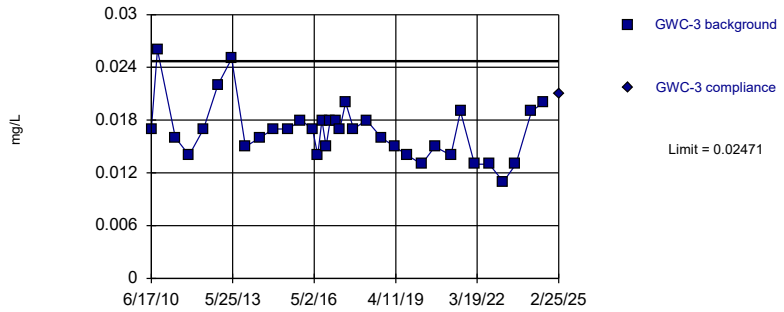
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01677, Std. Dev.=0.003227, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9278, critical = 0.91. Kappa = 2.462 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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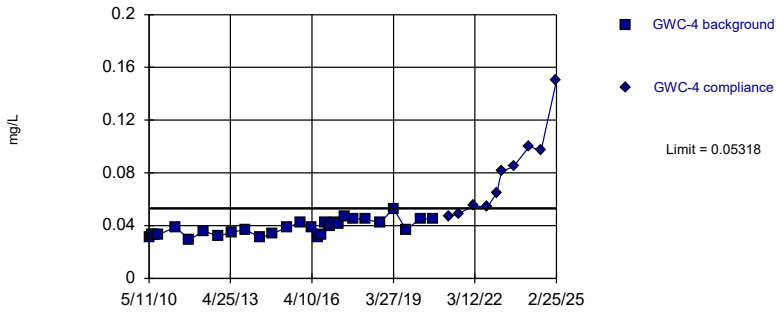
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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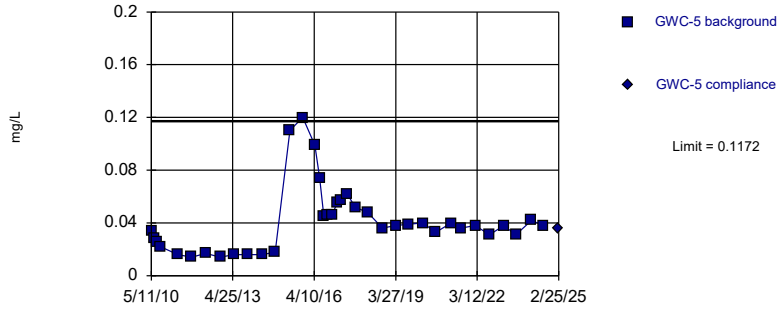
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.3341, Std. Dev.=0.06345, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9296, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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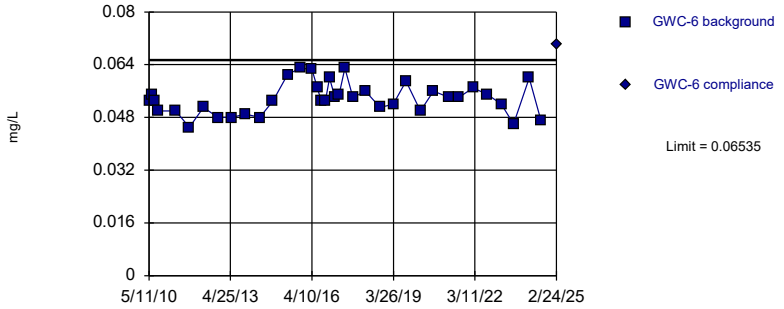
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05372, Std. Dev.=0.004755, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9617, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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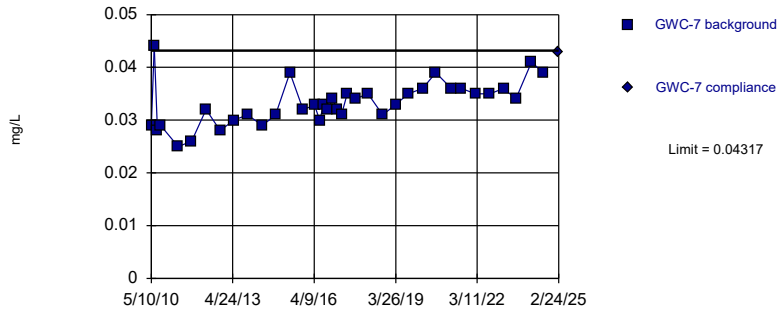
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03318, Std. Dev.=0.004082, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9786, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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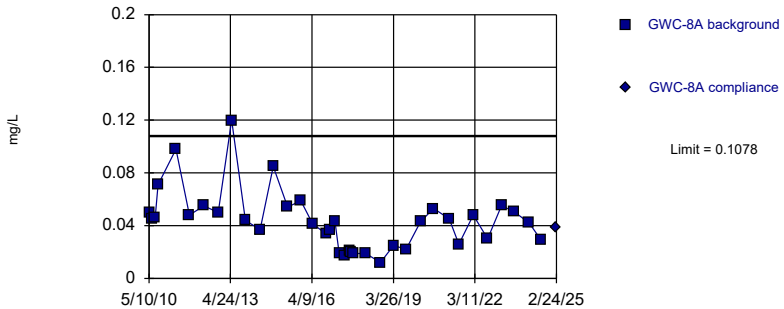
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2026, Std. Dev.=0.05142, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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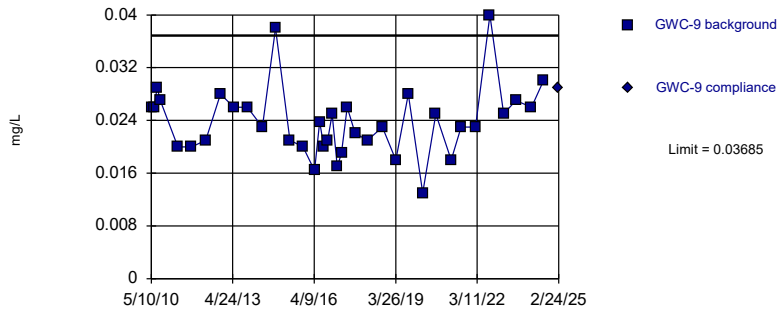
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02382, Std. Dev.=0.005327, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9328, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

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Within Limit

Prediction Limit

Intrawell Parametric

Background Data Summary: Mean=0.02835, Std. Dev.=0.00506, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.916. Kappa = 2.439 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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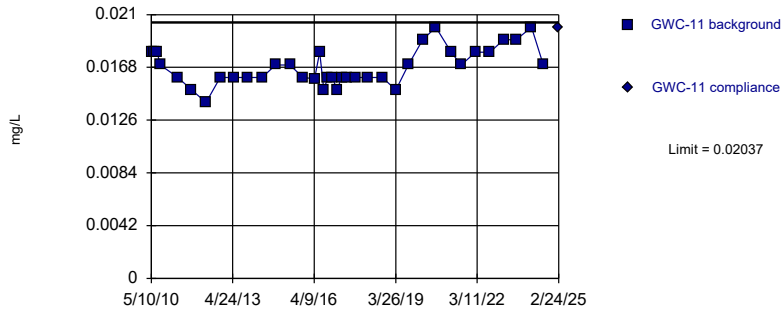
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01684, Std. Dev.=0.001445, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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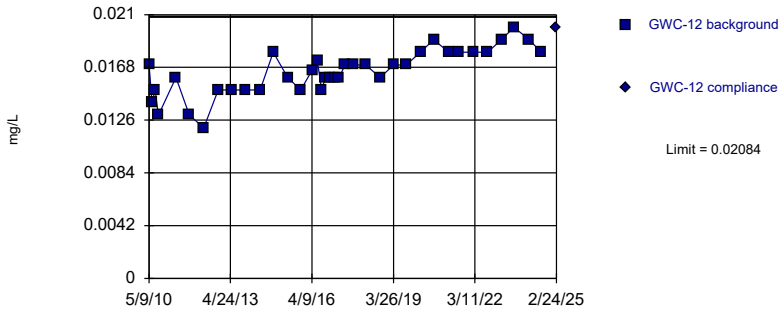
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01643, Std. Dev.=0.001804, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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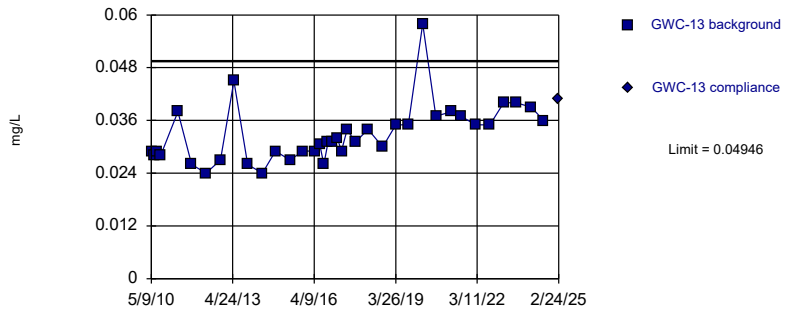
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1802, Std. Dev.=0.01727, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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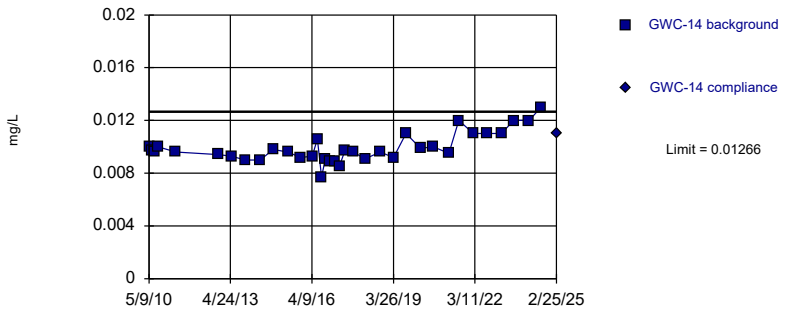
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009908, Std. Dev.=0.001119, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.91. Kappa = 2.462 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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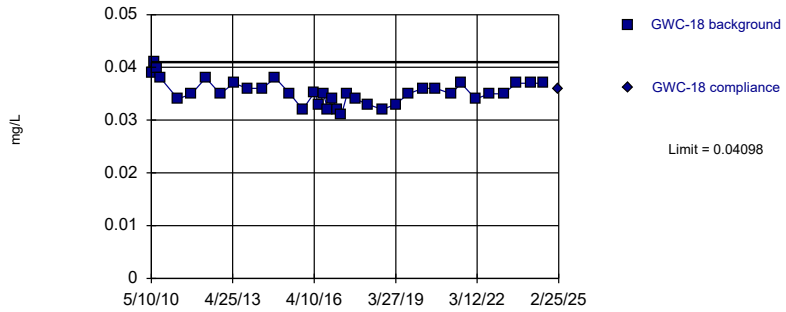
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03533, Std. Dev.=0.00231, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9668, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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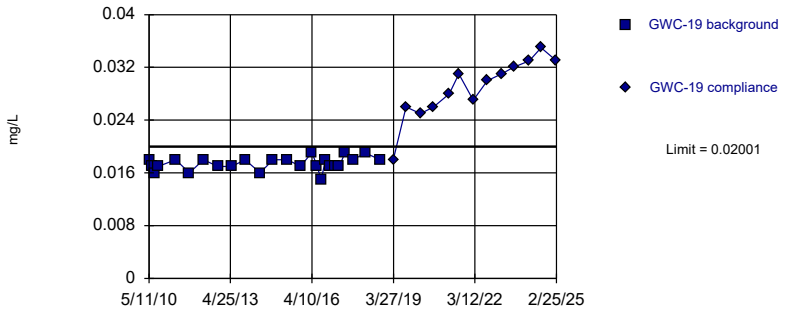
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0174, Std. Dev.=0.001007, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9119, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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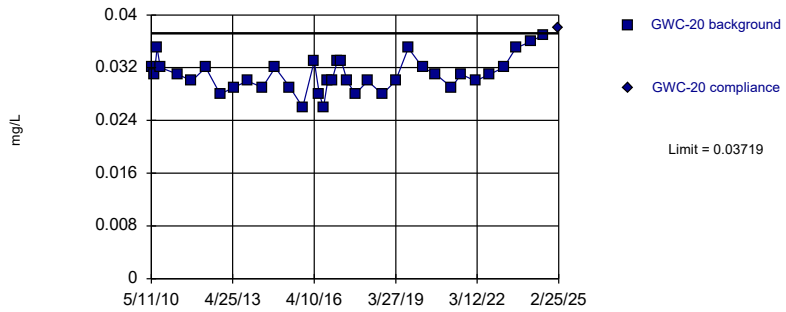
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03092, Std. Dev.=0.002564, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9603, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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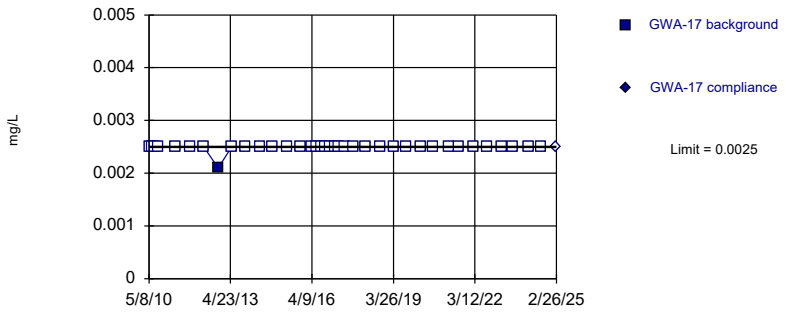
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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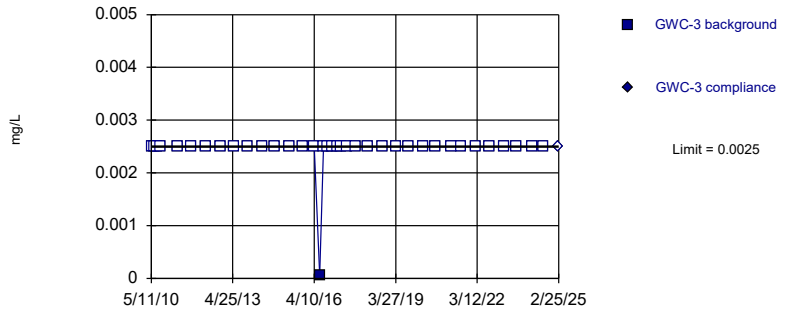
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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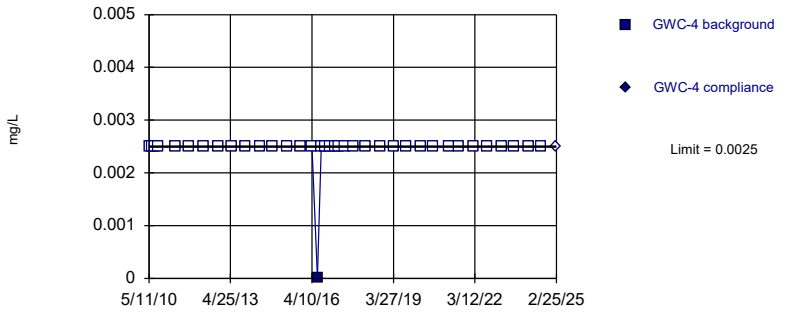
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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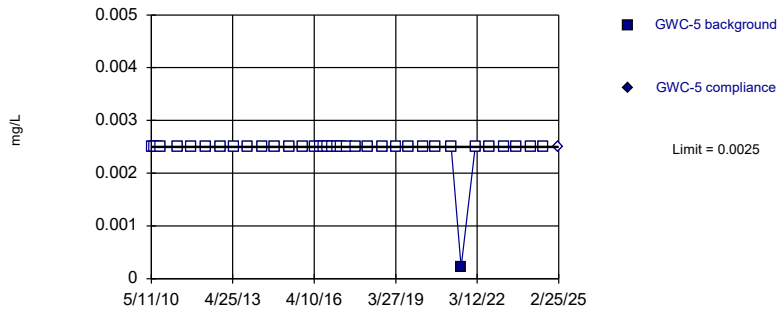
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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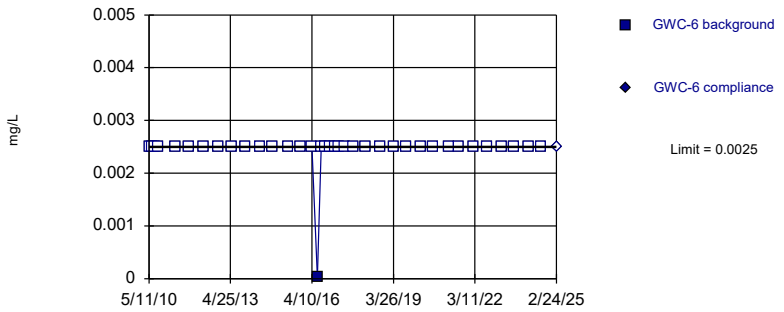
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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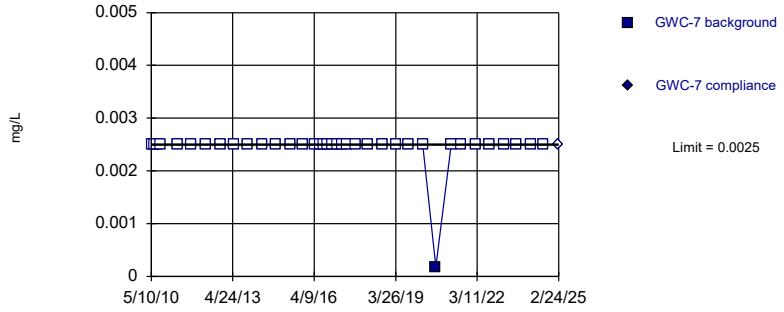
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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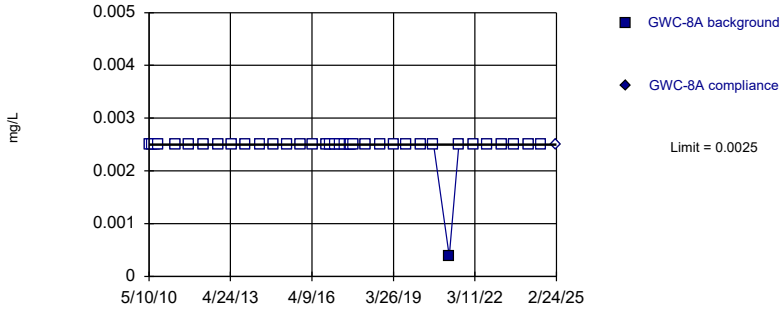
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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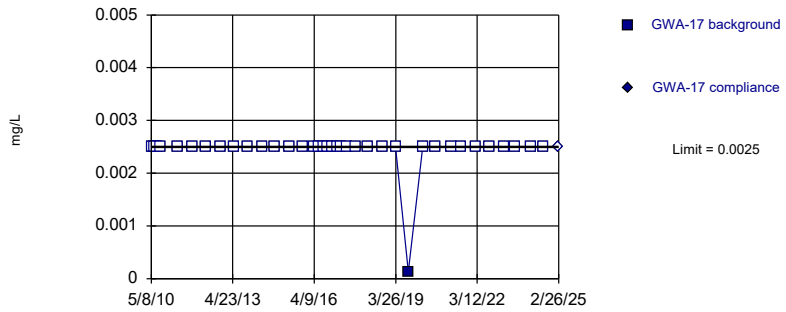
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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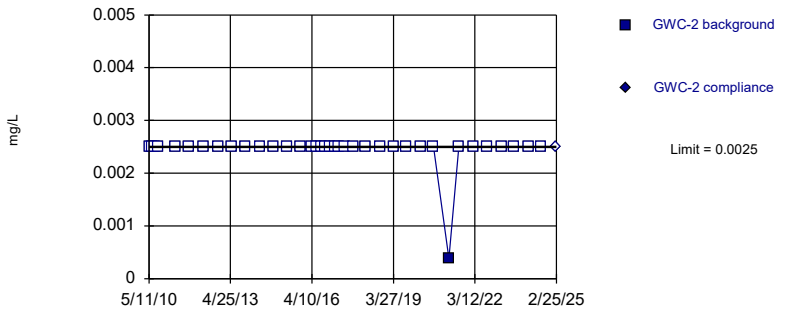
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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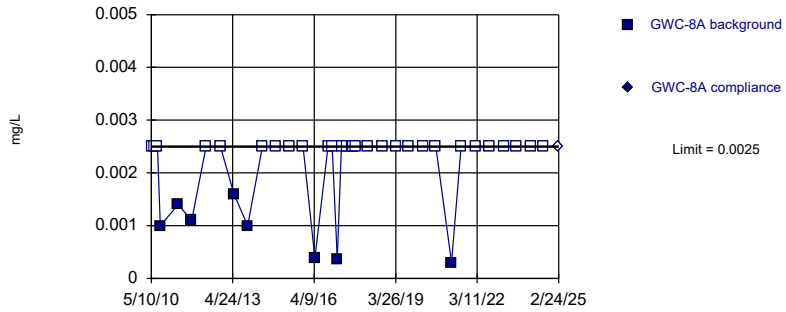
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



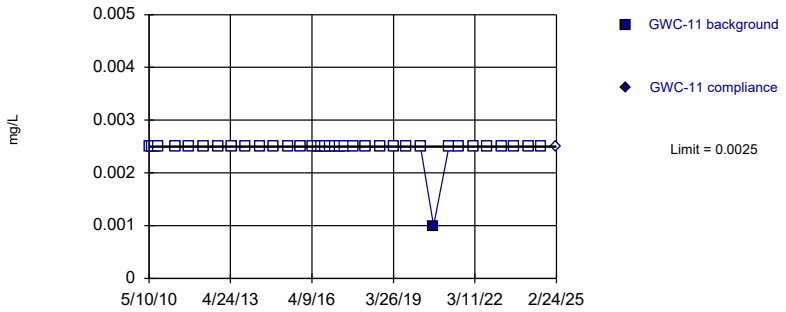
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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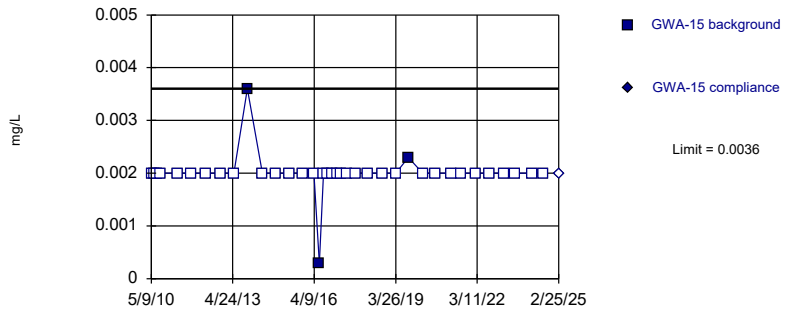
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric

Background Data Summary: Mean=0.005088, Std. Dev.=0.00122, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.967, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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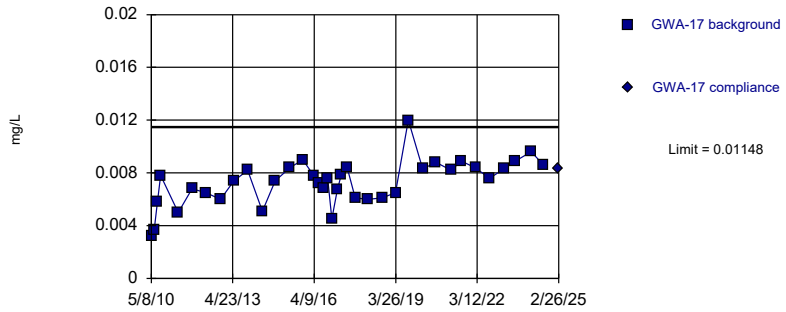
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007284, Std. Dev.=0.001716, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9682, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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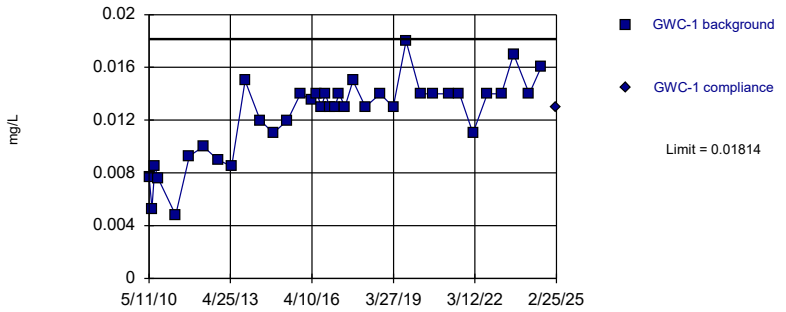
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001616, Std. Dev.=0.00006843, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9355, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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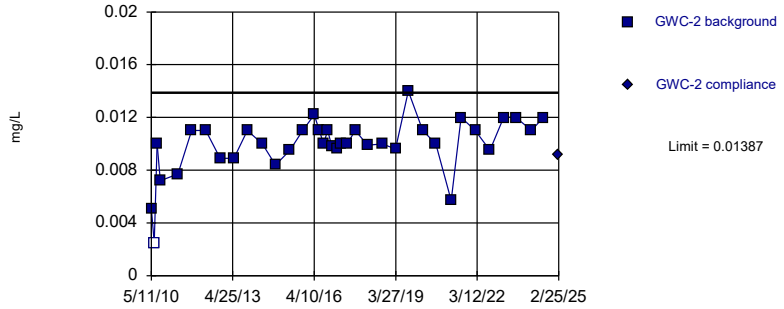
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001026, Std. Dev.=0.00003666, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9465, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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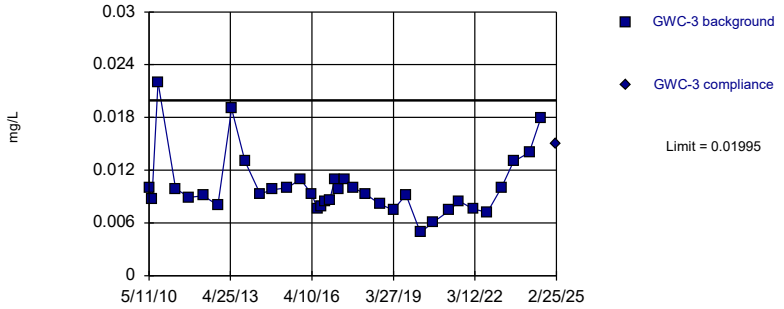
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.643, Std. Dev.=0.2968, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.912. Kappa = 2.454 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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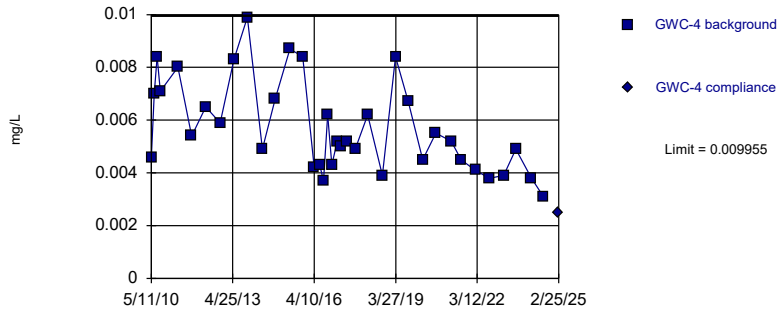
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005713, Std. Dev.=0.001734, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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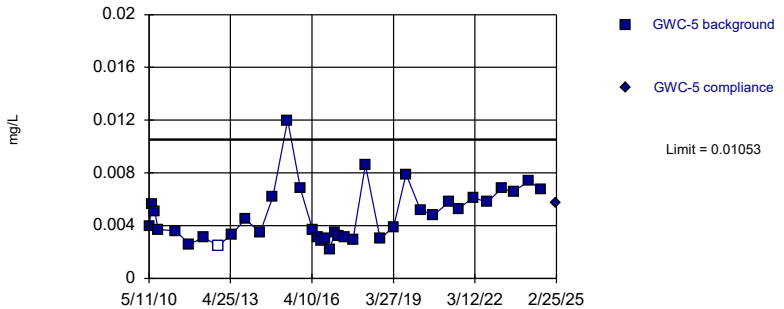
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06791, Std. Dev.=0.01419, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9345, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell

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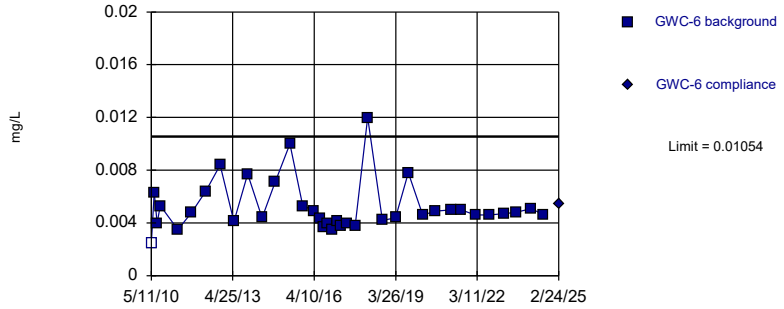
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-5.311, Std. Dev.=0.3102, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9187, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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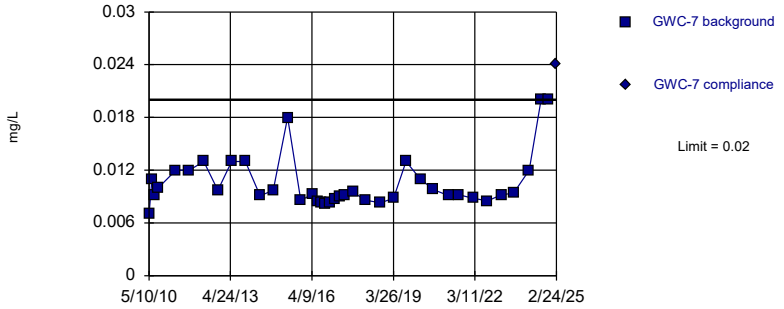
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

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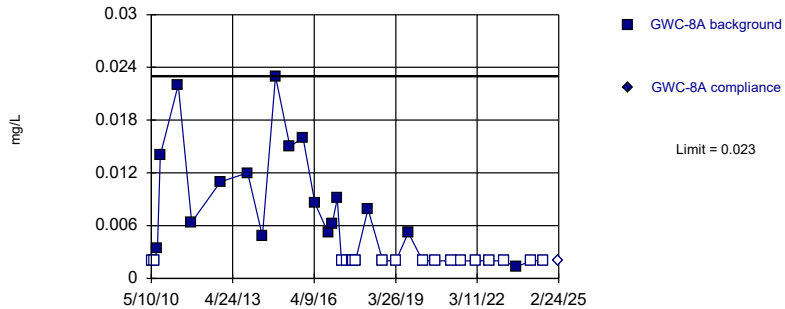
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 51.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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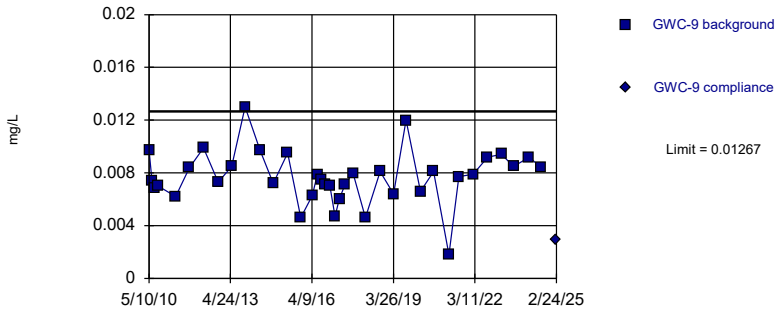
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007694, Std. Dev.=0.002034, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9645, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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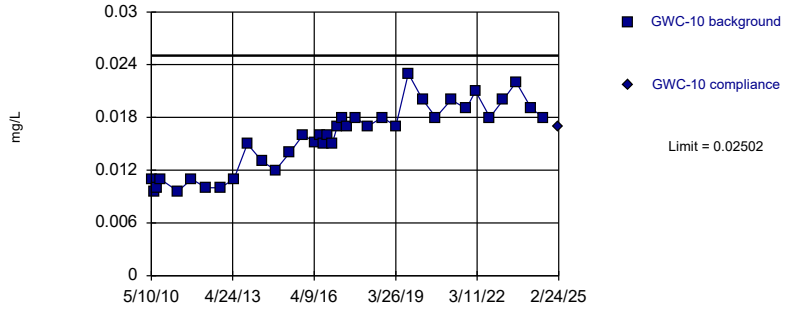
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01568, Std. Dev.=0.003816, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9368, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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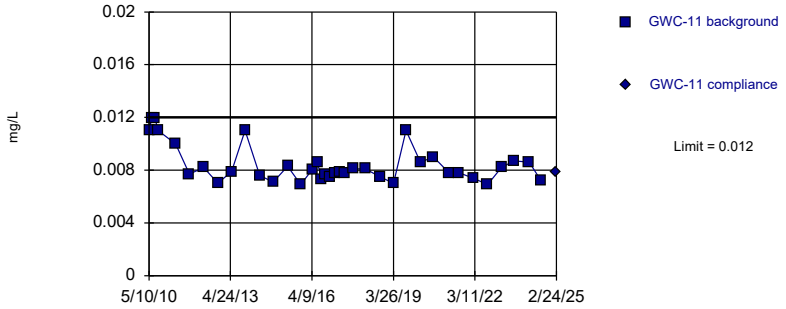
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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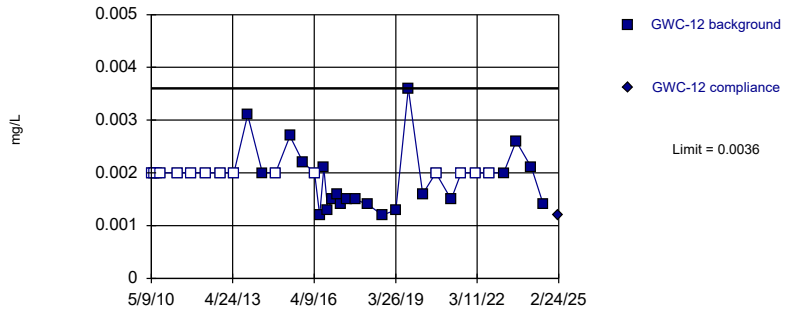
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 37.84% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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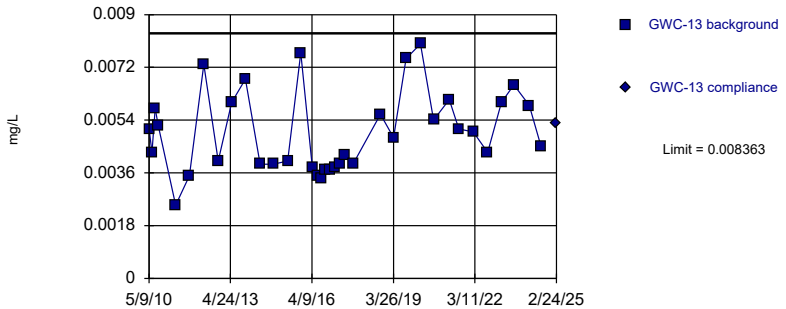
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004964, Std. Dev.=0.001385, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.912. Kappa = 2.454 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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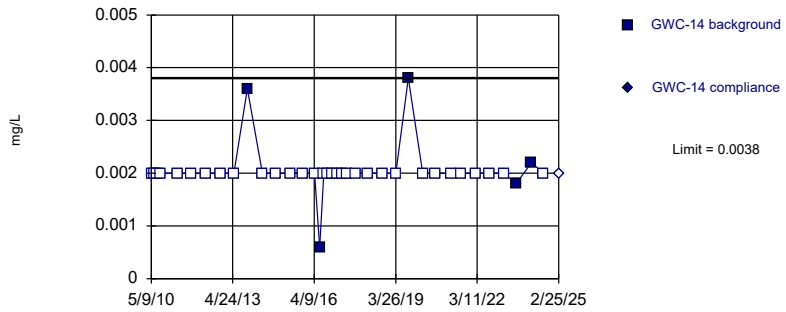
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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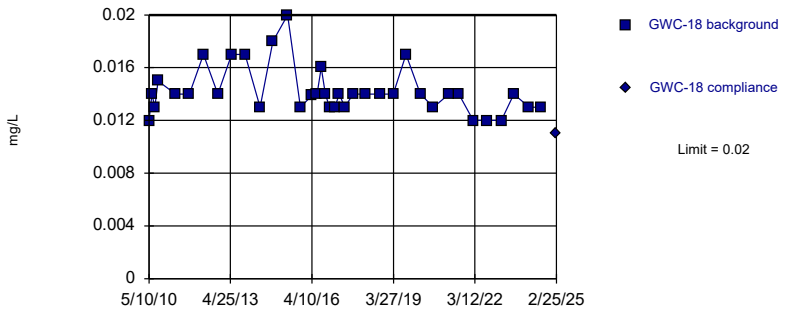
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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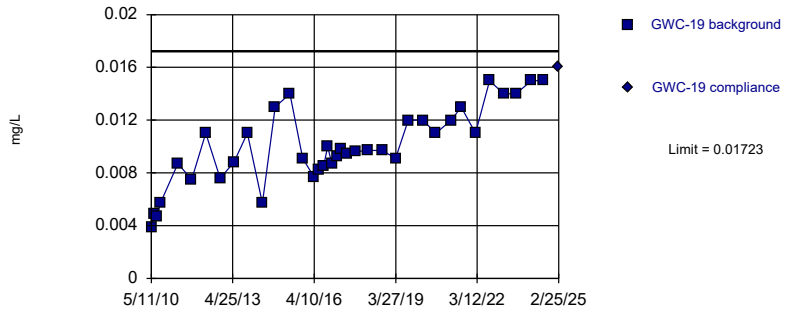
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00998, Std. Dev.=0.002962, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9603, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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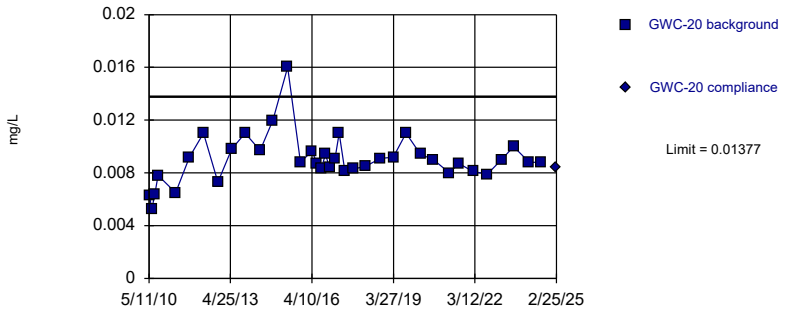
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.0945, Std. Dev.=0.00934, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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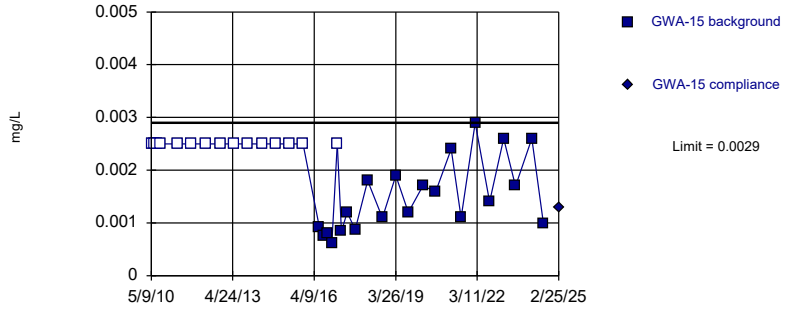
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 41.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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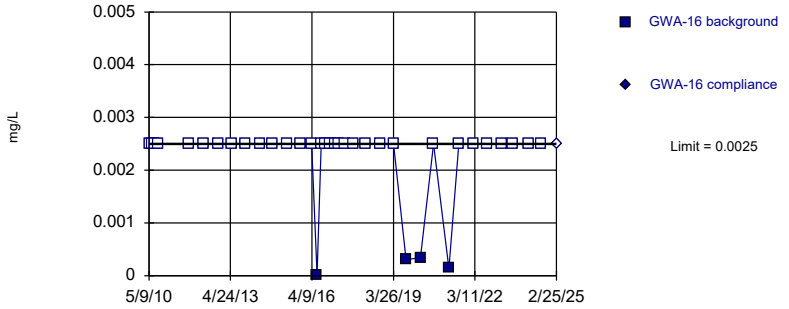
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
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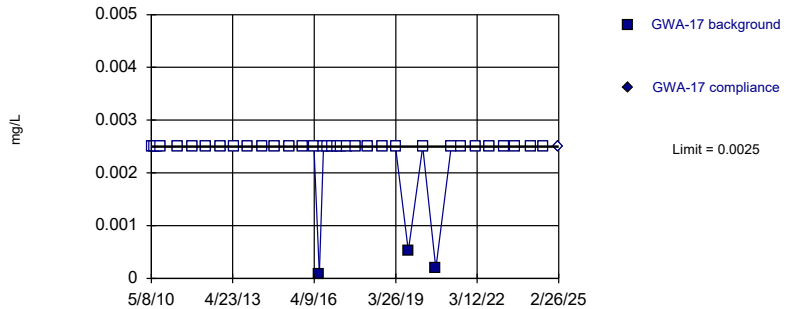
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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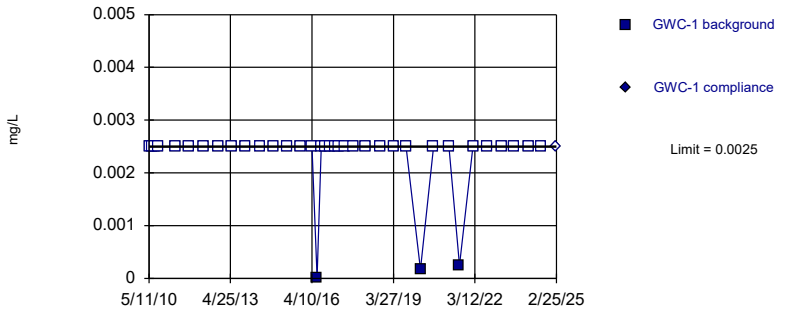
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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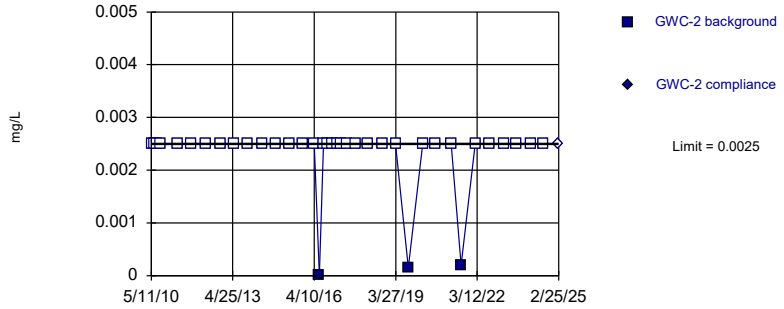
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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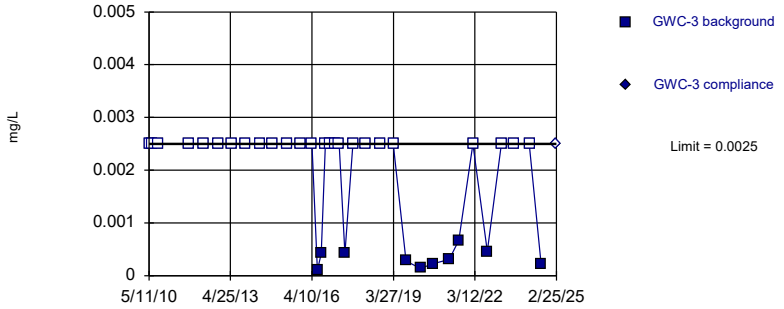
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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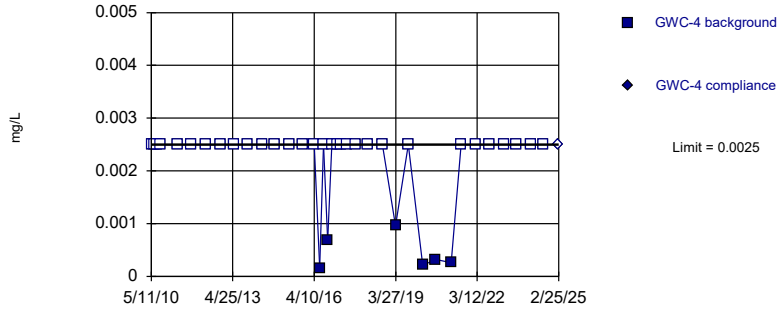
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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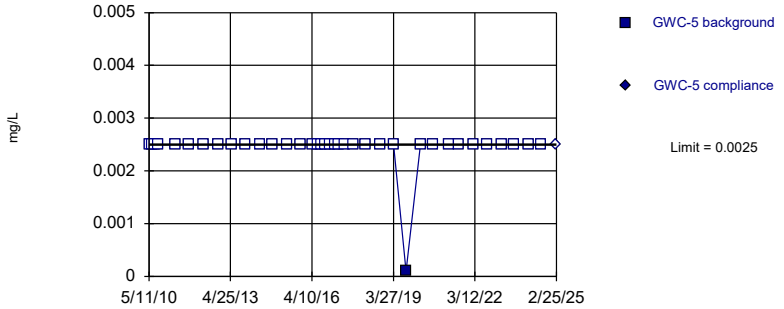
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



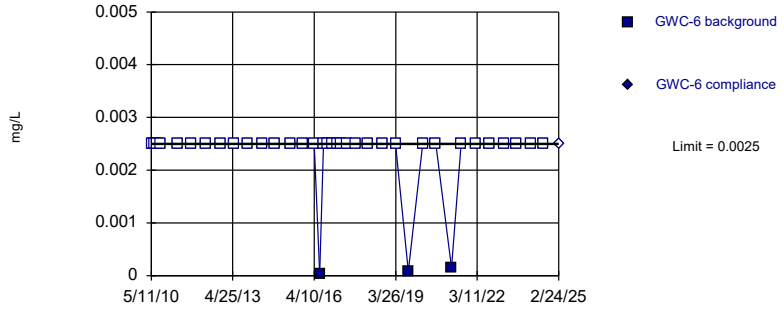
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



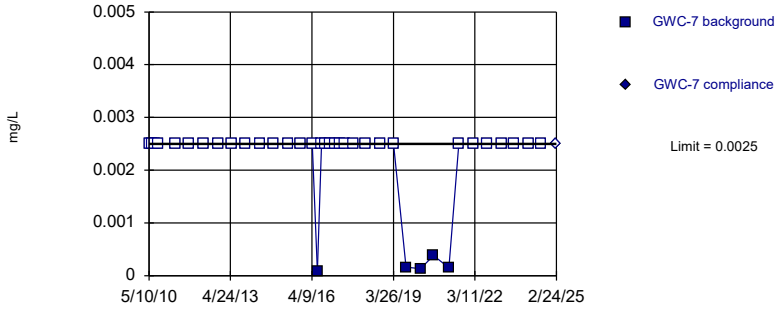
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



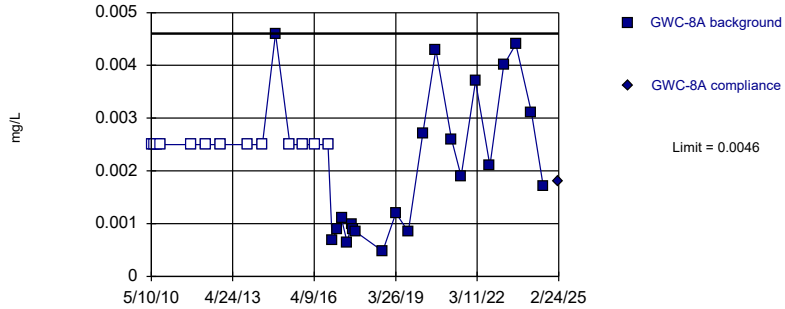
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 38.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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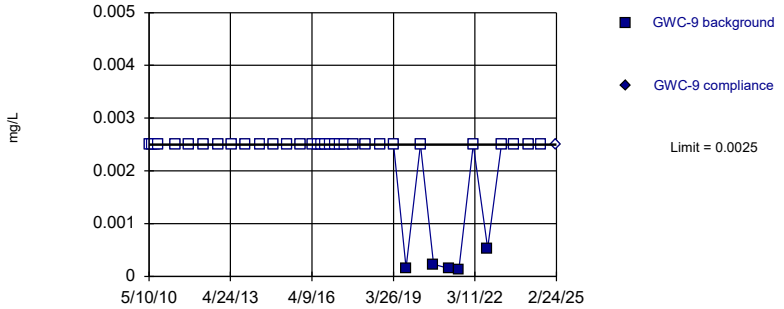
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



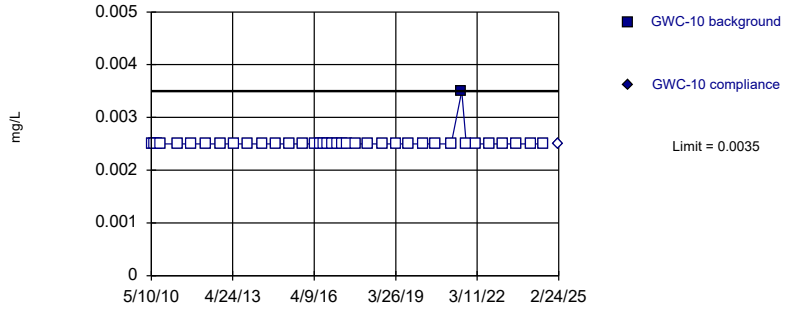
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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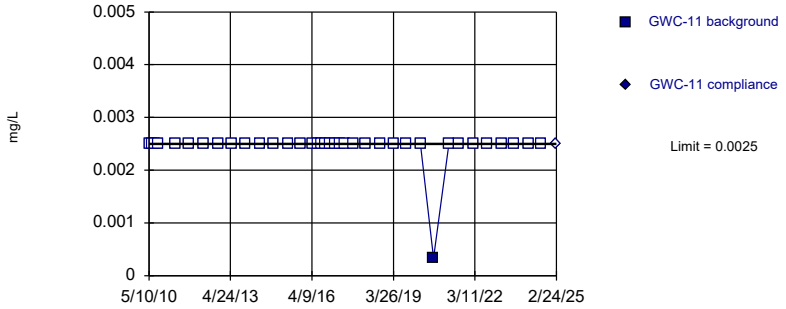
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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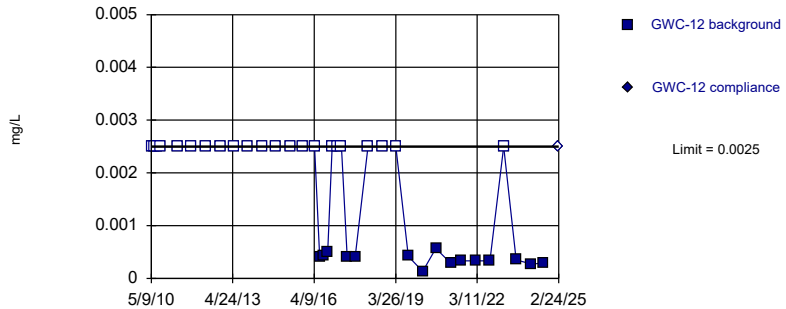
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 59.46% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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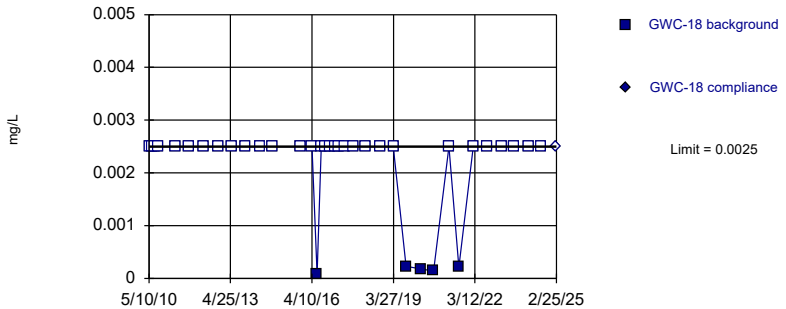
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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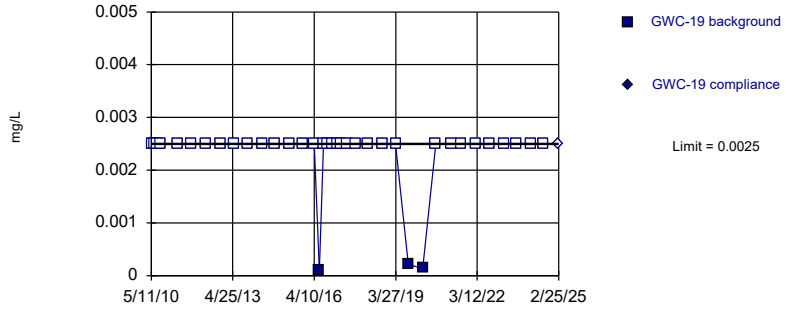
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



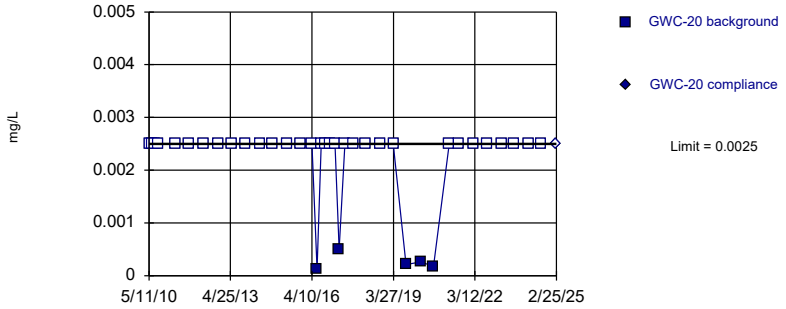
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



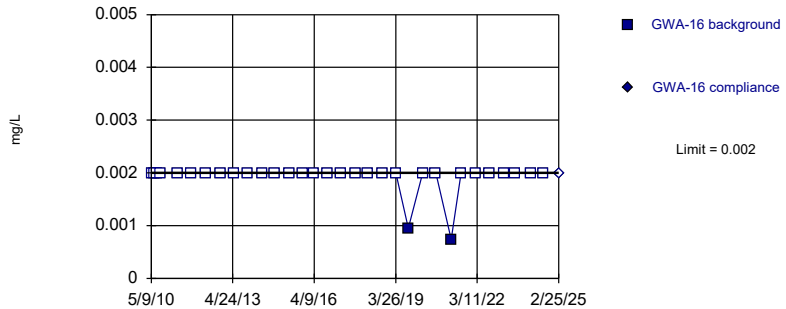
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



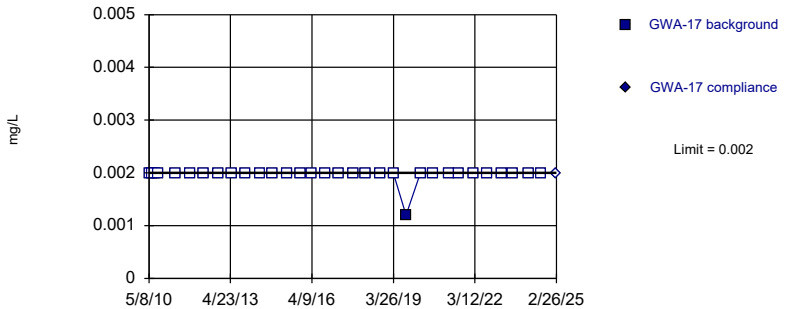
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



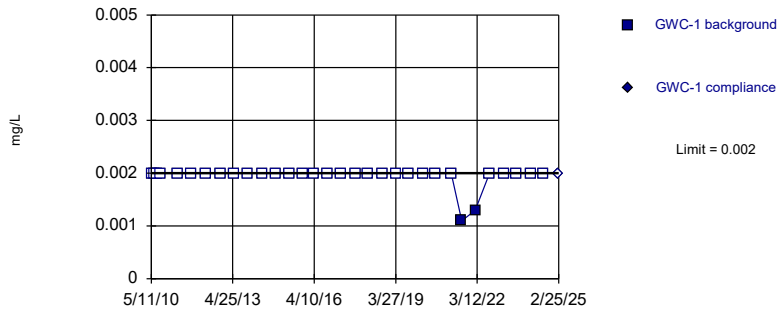
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



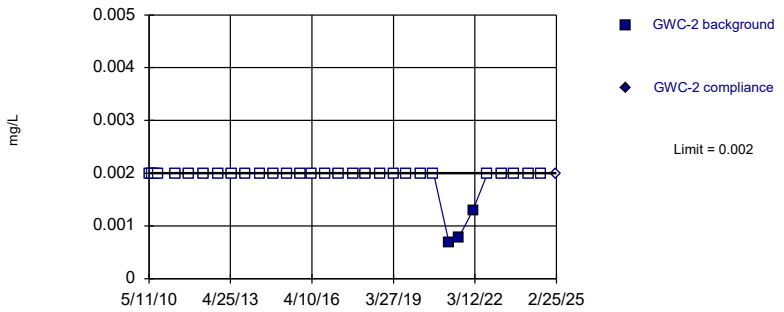
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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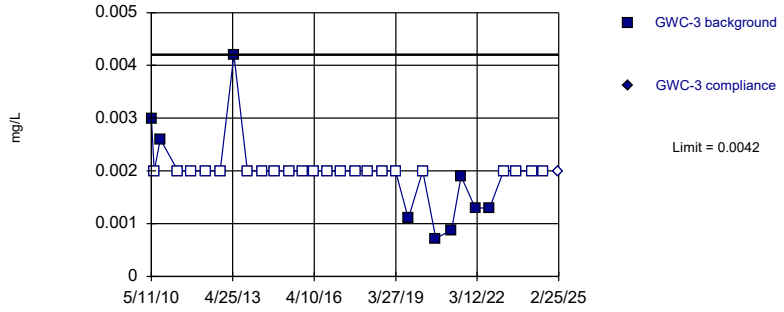
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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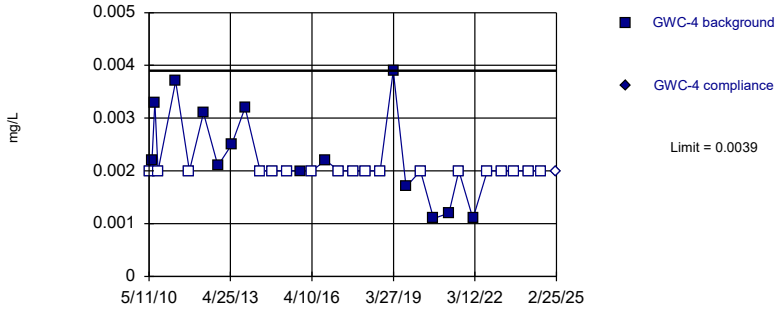
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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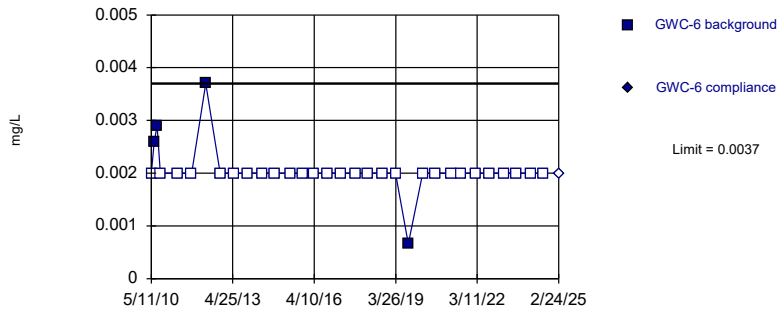
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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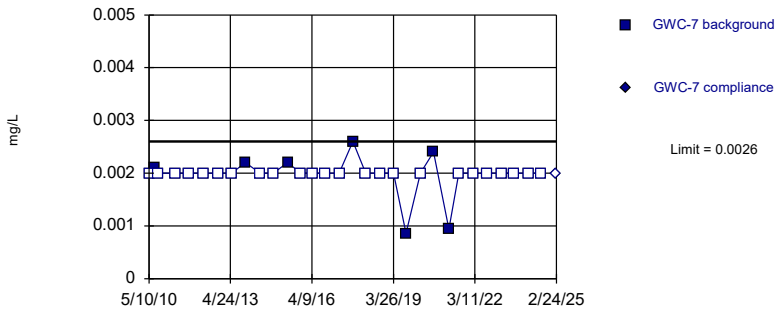
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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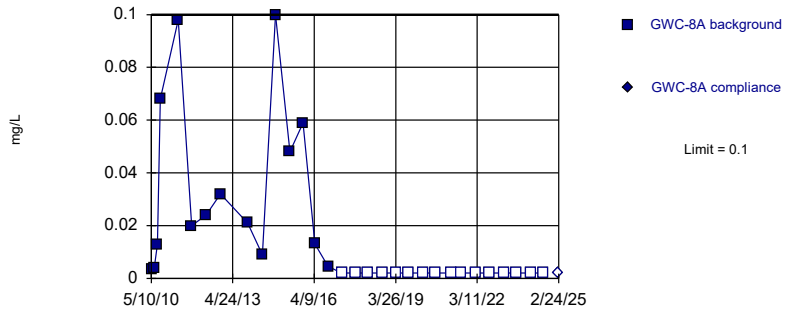
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 51.61% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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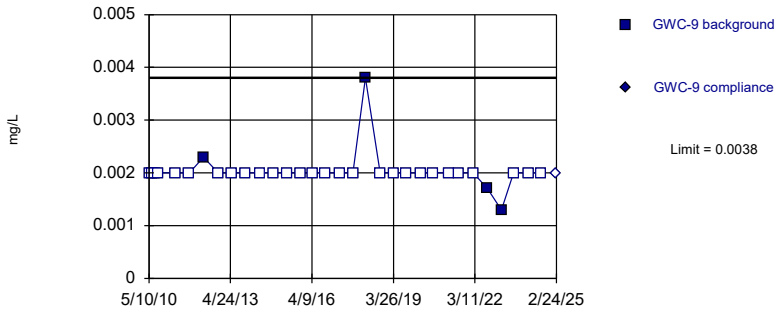
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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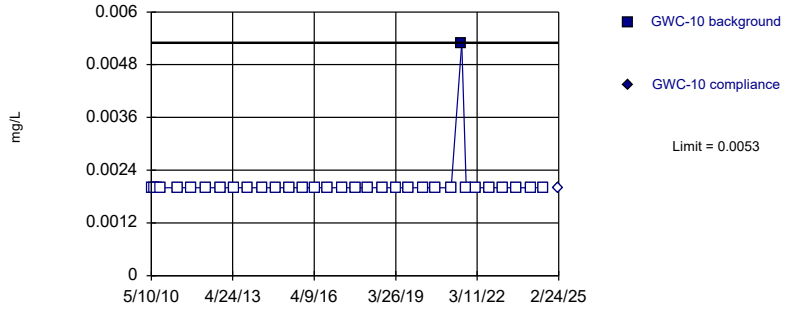
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



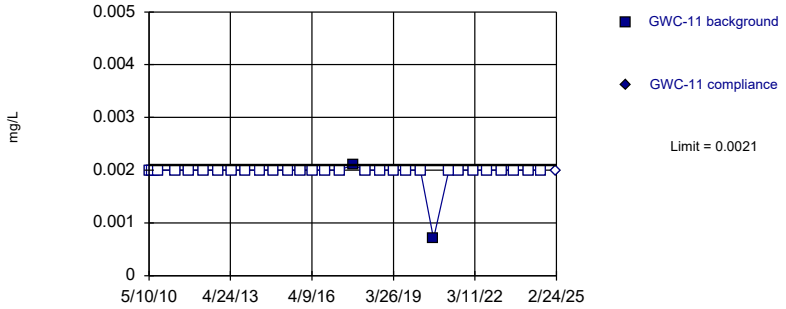
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



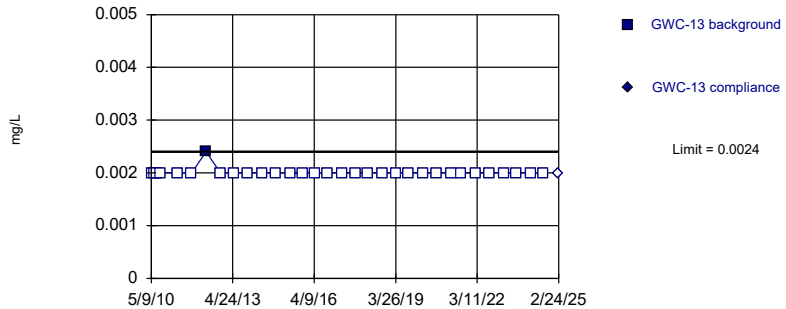
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



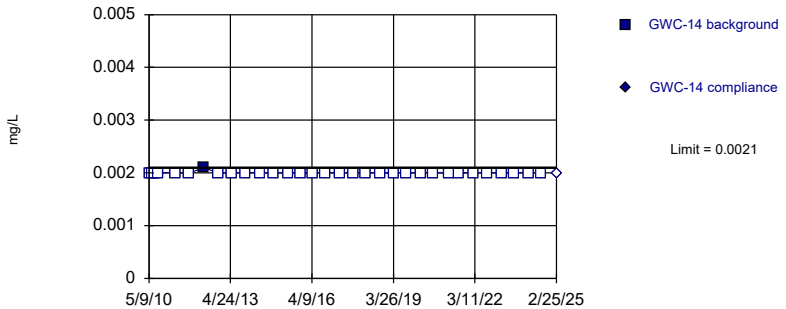
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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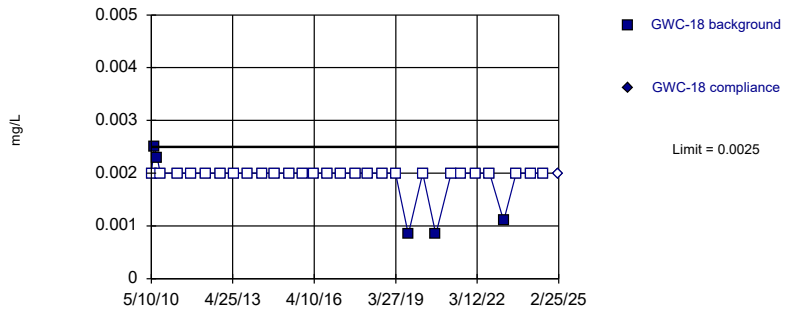
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

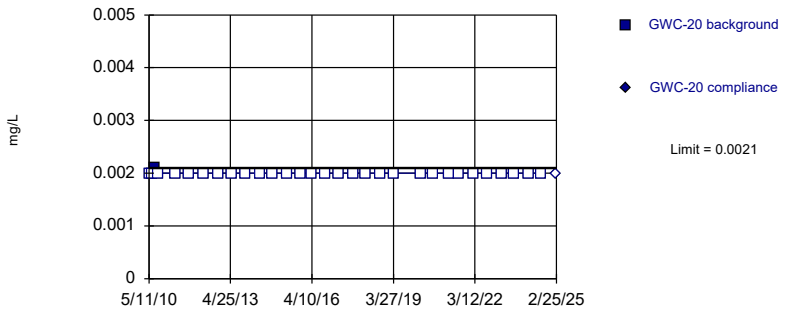
Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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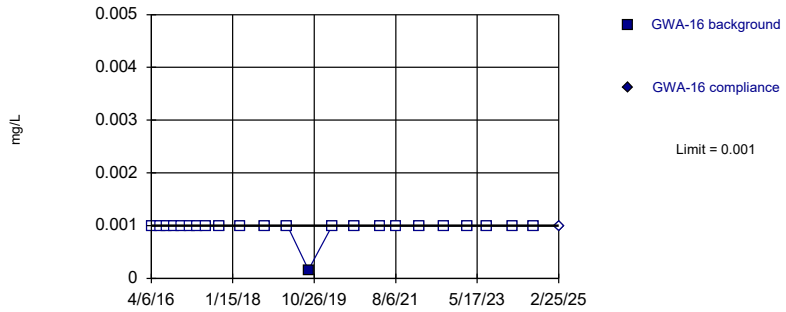
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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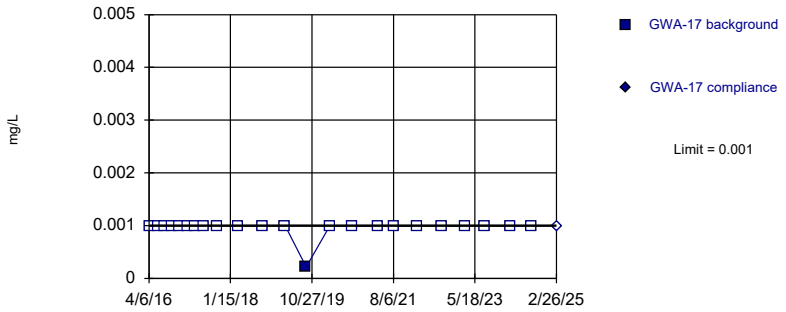
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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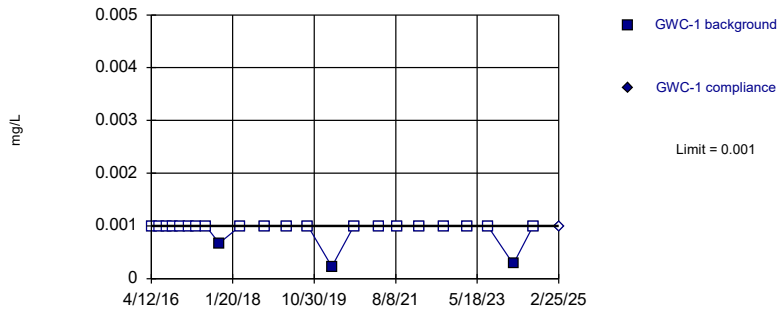
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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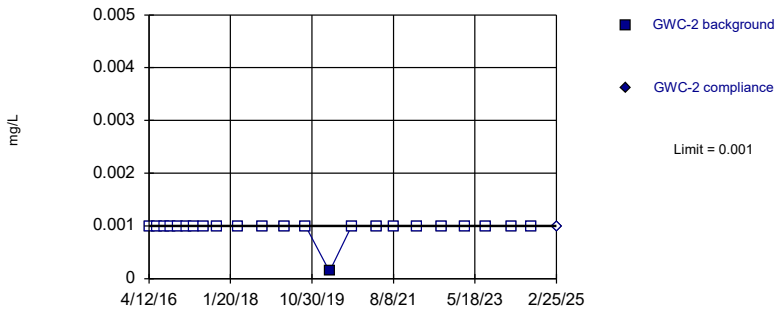
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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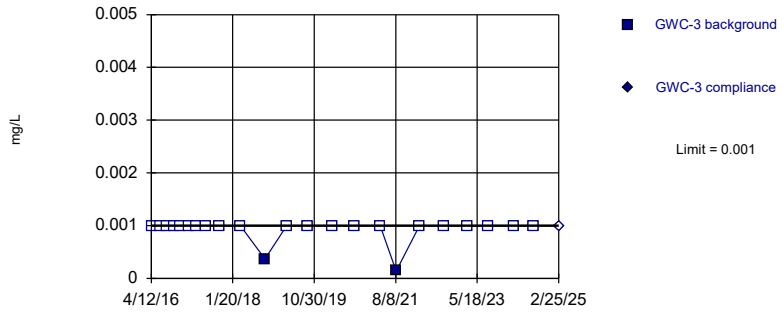
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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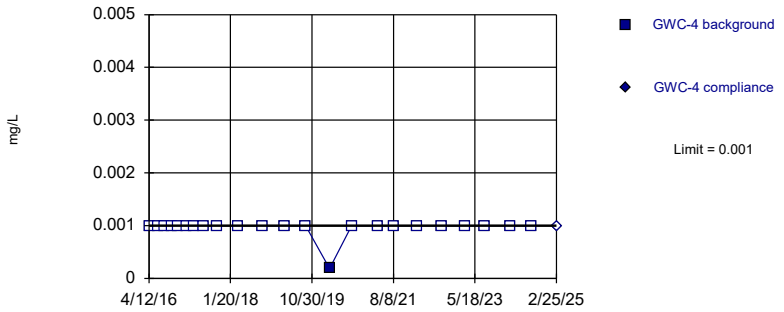
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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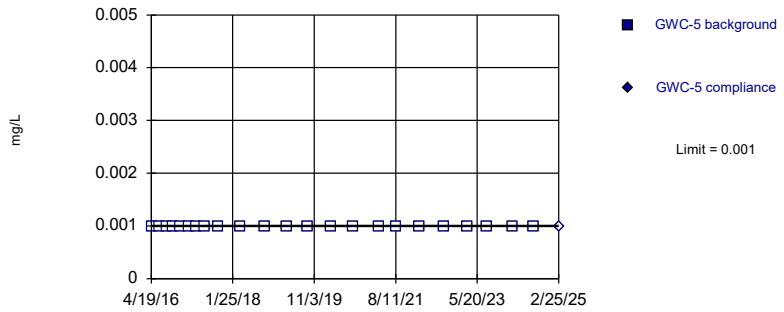
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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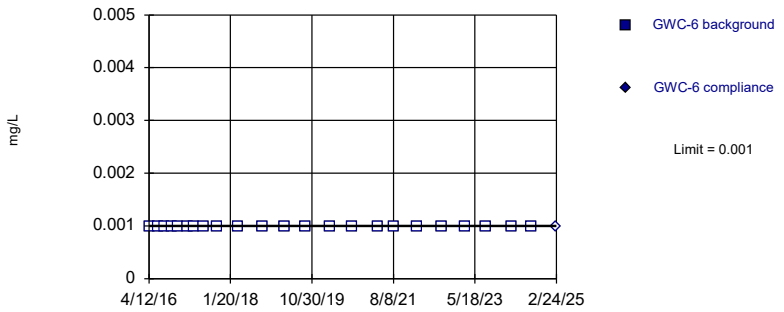
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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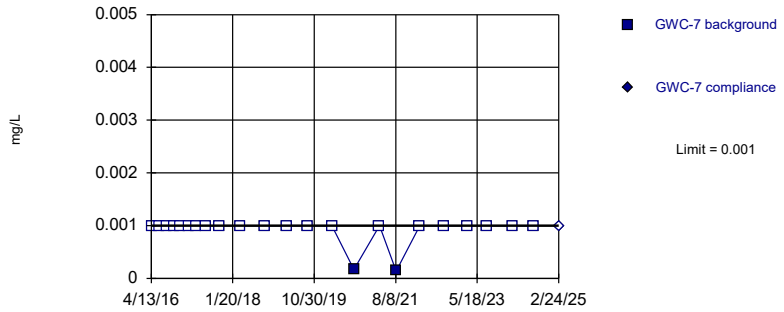
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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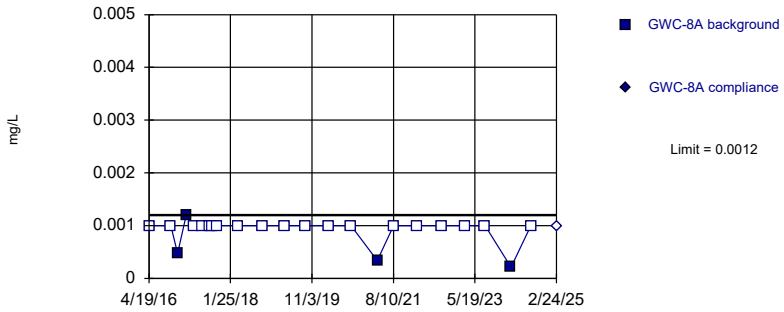
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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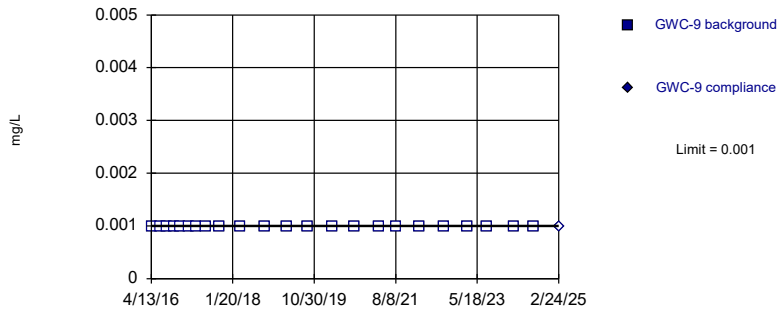
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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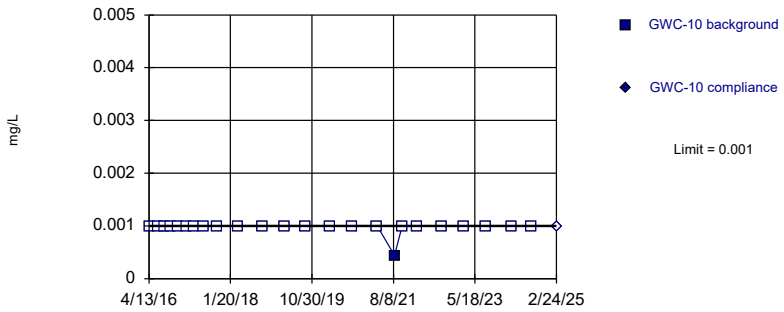
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



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Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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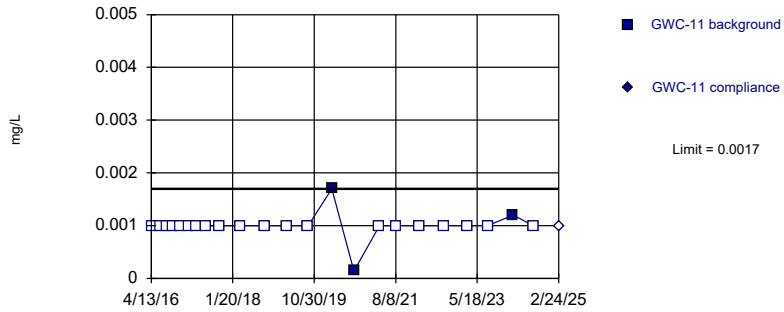
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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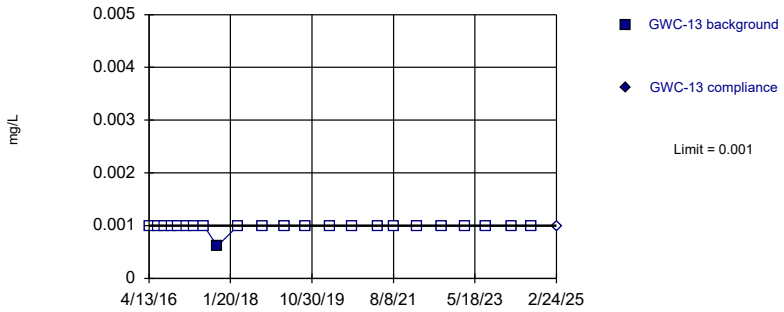
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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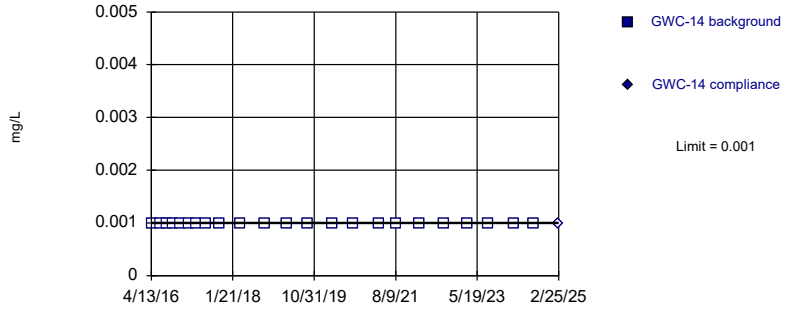
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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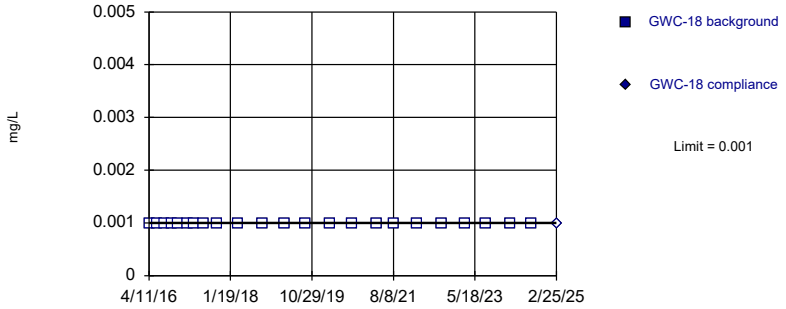
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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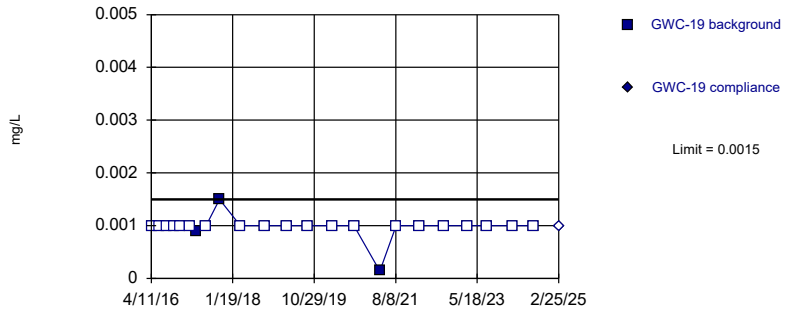
Within Limit

Prediction Limit

Intrawell Non-parametric



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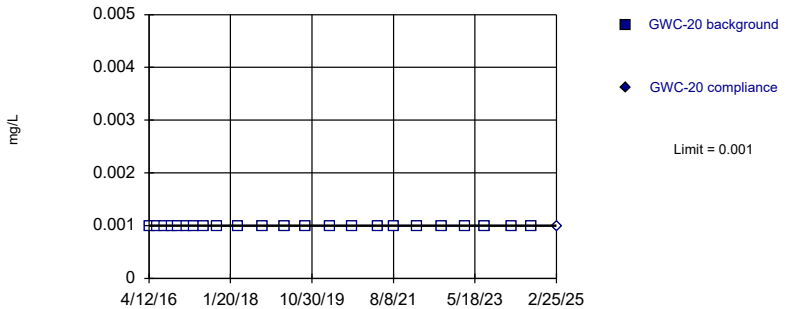
Within Limit

Prediction Limit

Intrawell Non-parametric



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Within Limit

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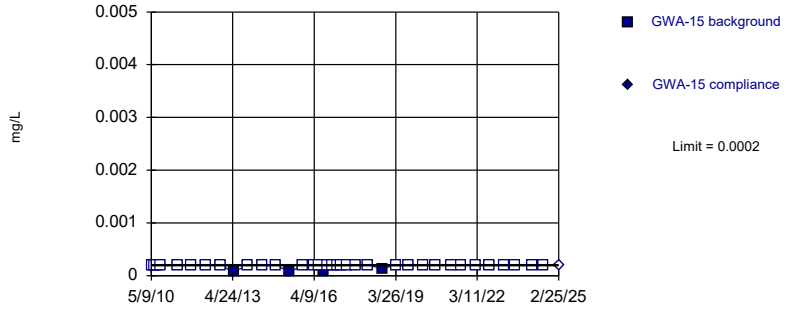
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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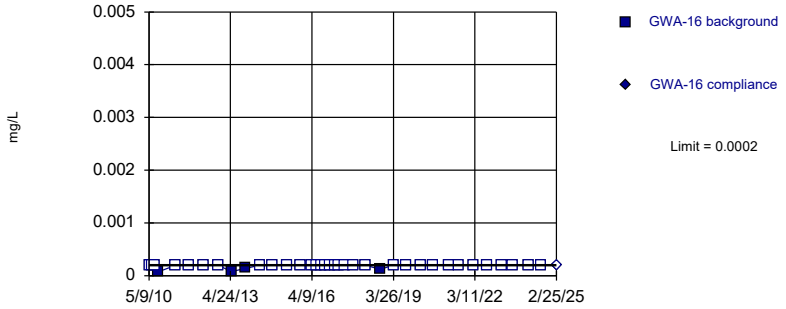
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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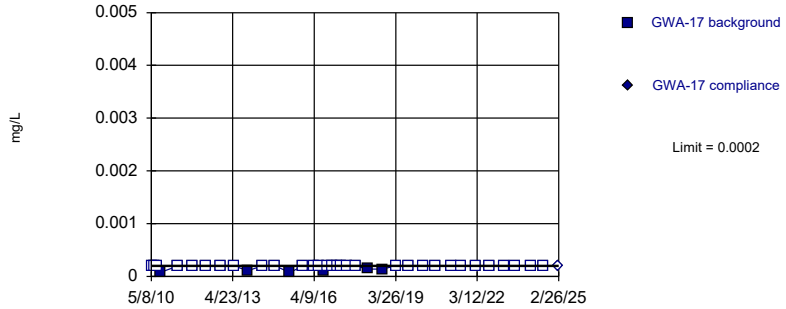
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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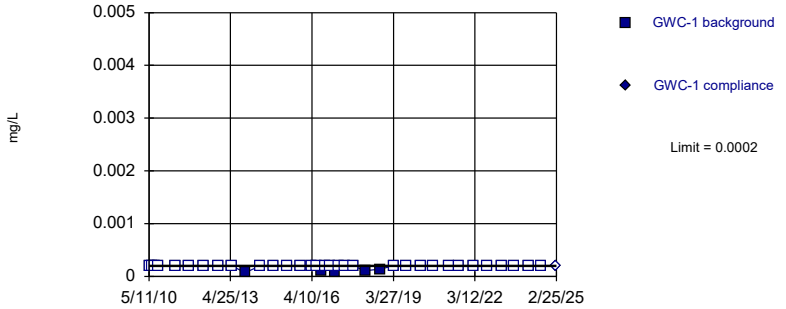
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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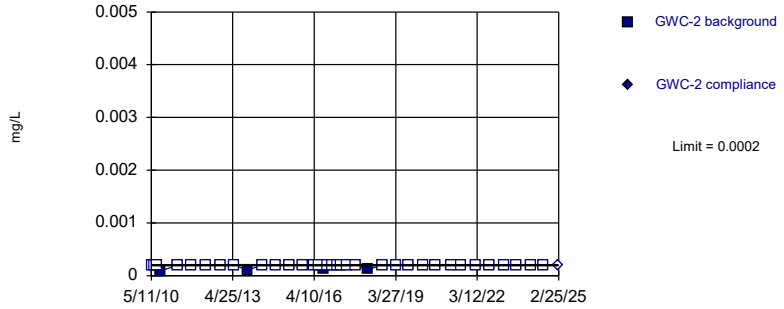
Within Limit

Prediction Limit

Intrawell Non-parametric



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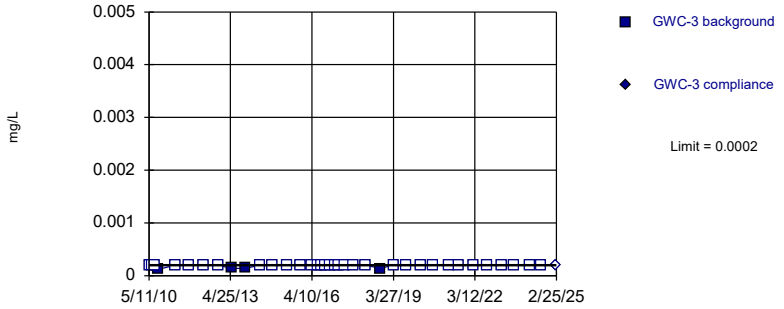
Within Limit

Prediction Limit

Intrawell Non-parametric



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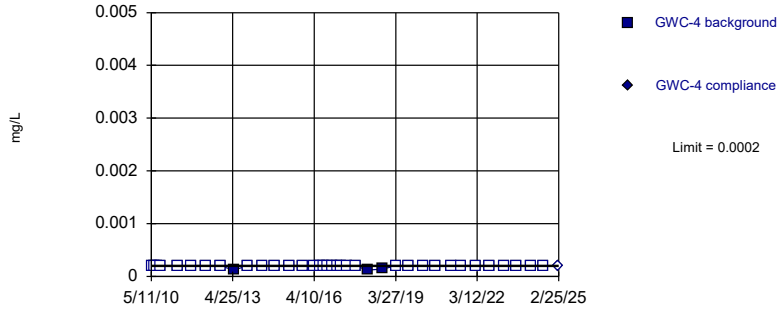
Within Limit

Prediction Limit

Intrawell Non-parametric



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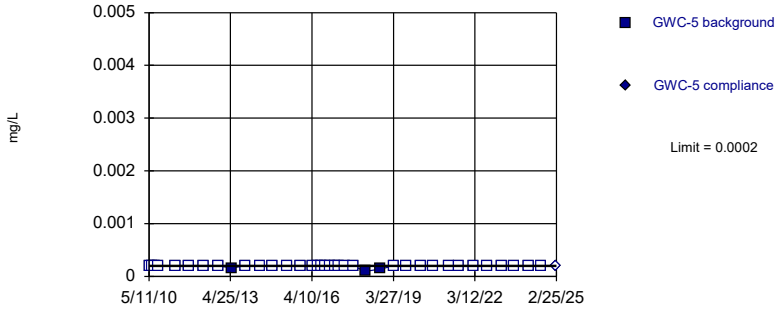
Within Limit

Prediction Limit

Intrawell Non-parametric



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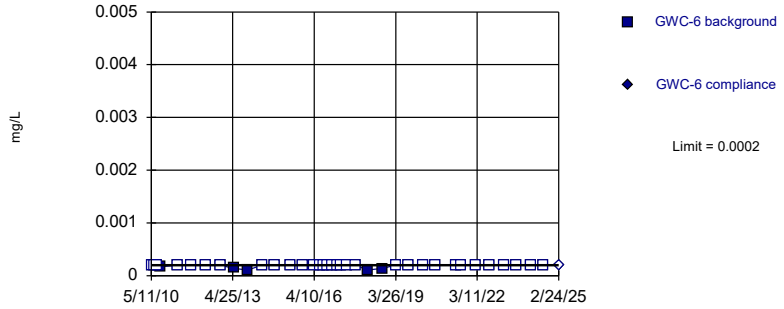
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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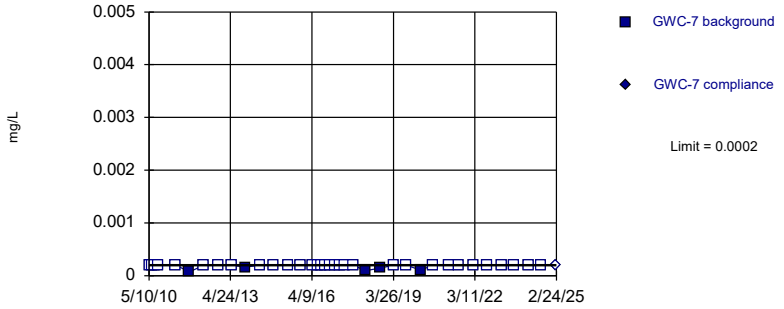
Within Limit

Prediction Limit

Intrawell Non-parametric



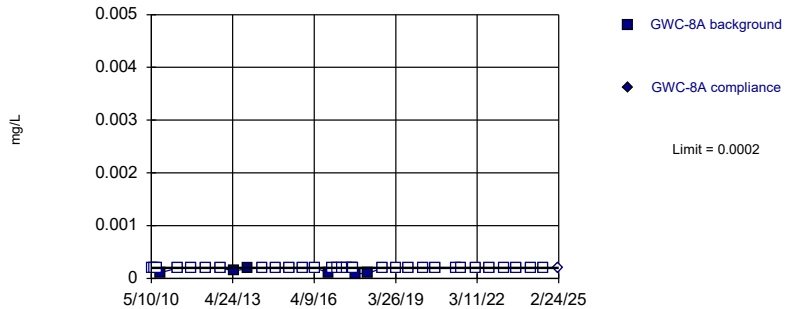
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



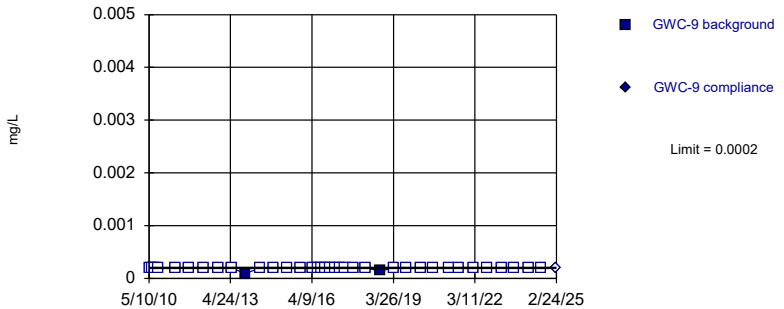
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



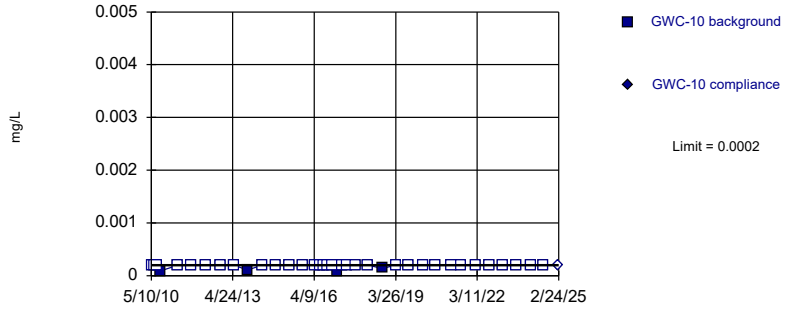
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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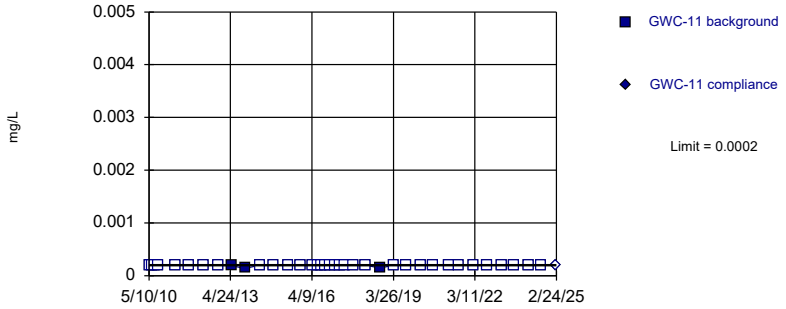
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



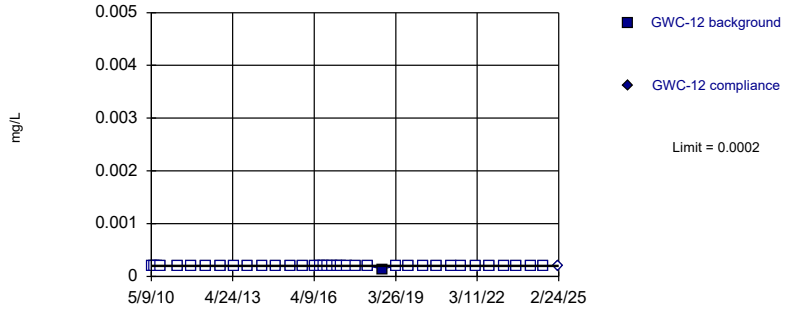
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



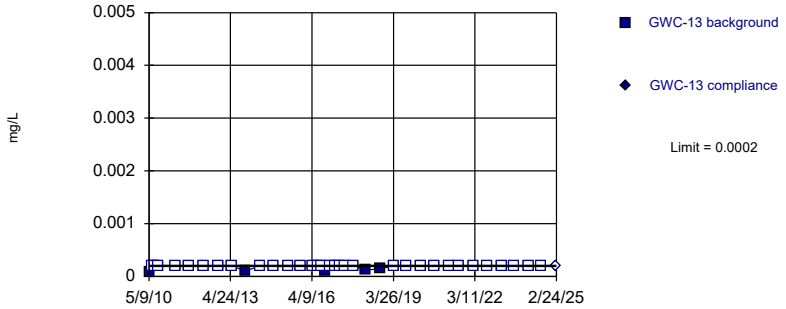
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



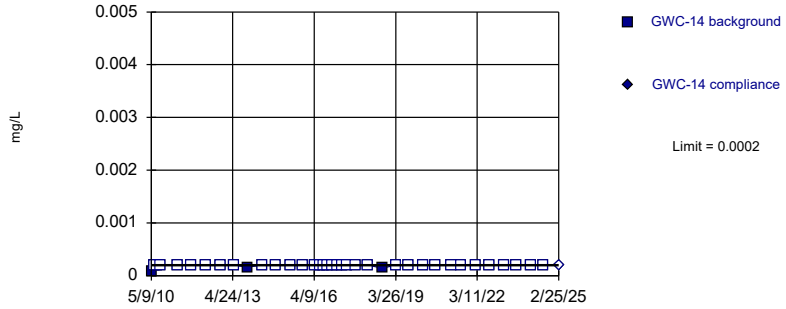
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



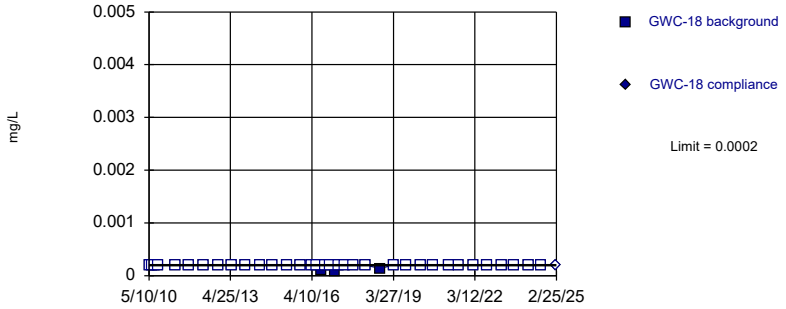
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



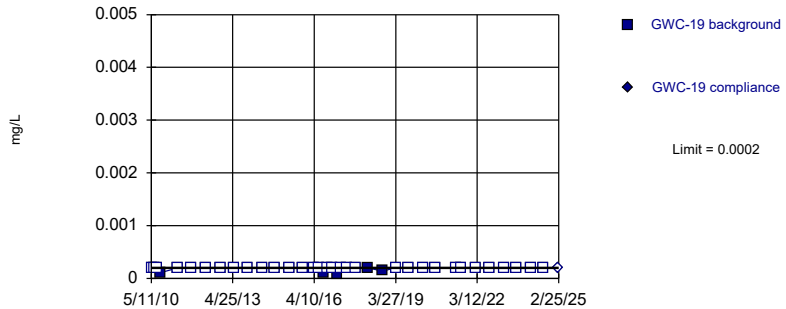
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



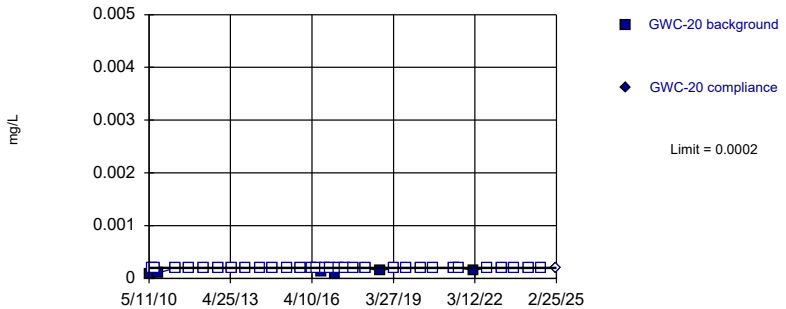
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

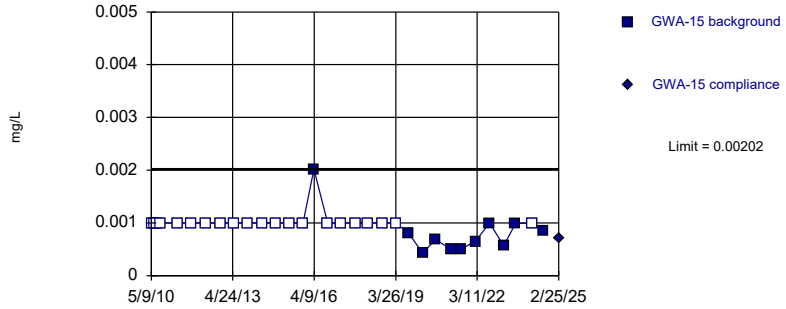
Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 65.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

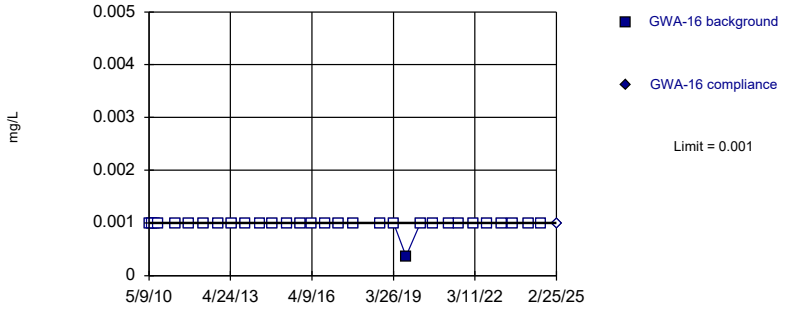
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

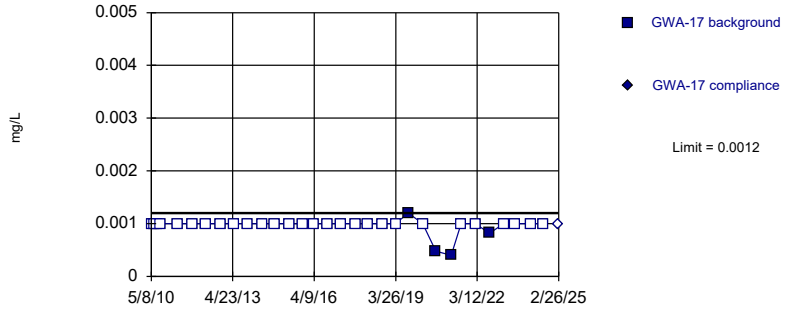
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

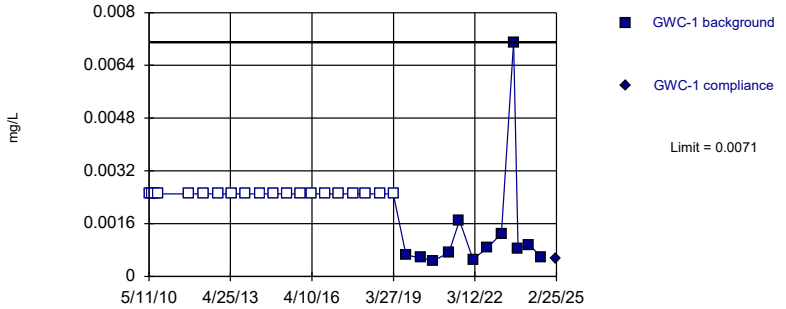
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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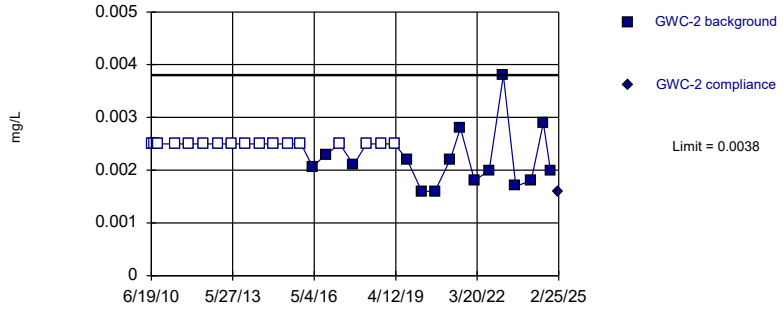
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 53.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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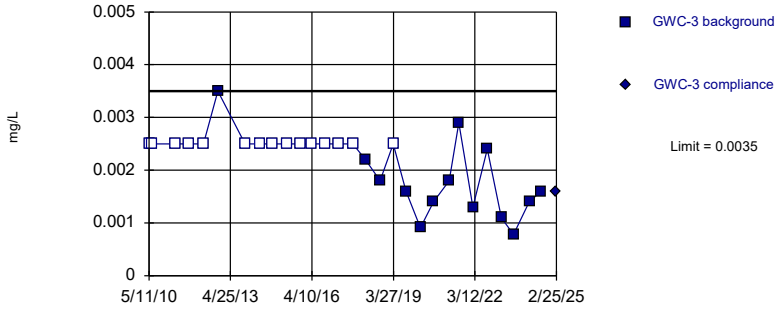
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 51.72% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

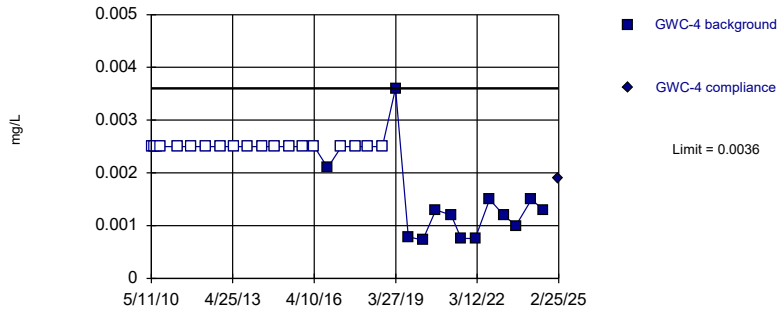
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 59.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

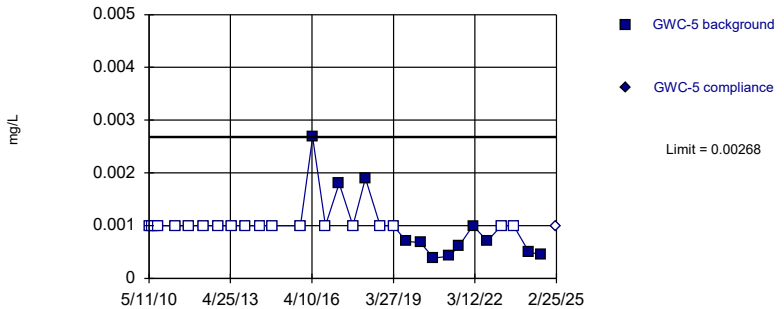
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



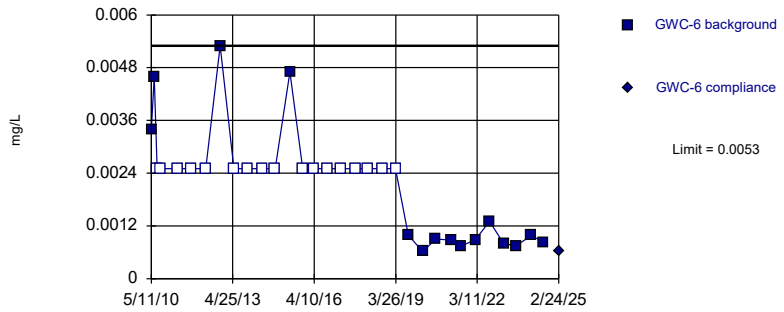
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 61.29% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



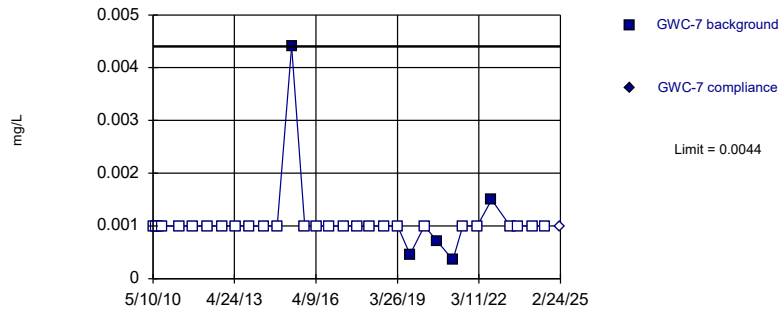
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 53.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



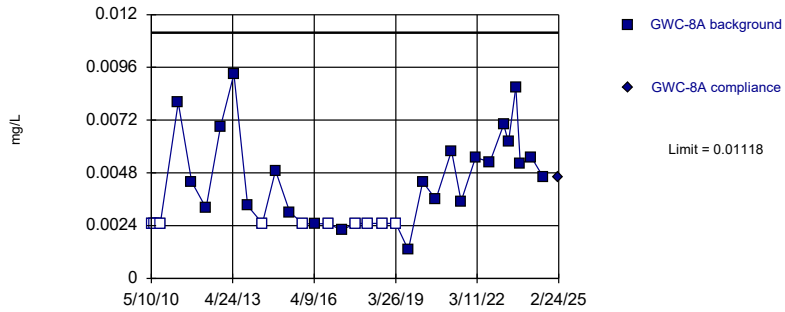
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



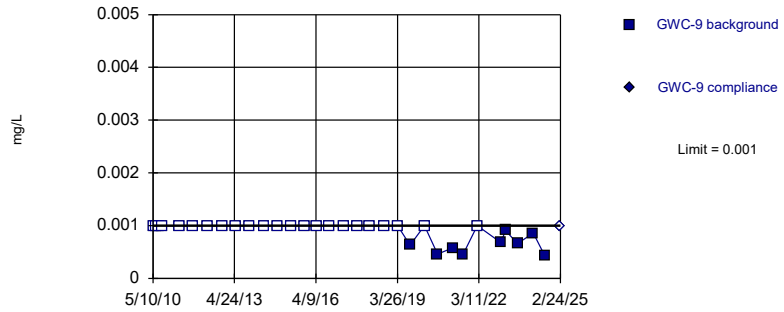
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1514, Std. Dev.=0.02922, n=34, 32.35% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9143, critical = 0.908. Kappa = 2.471 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

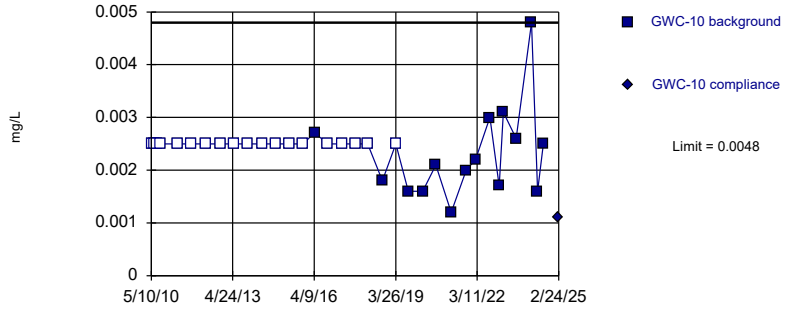
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 55.88% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

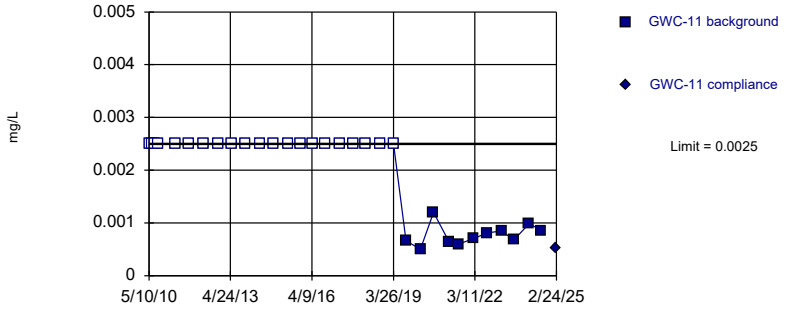
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 65.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

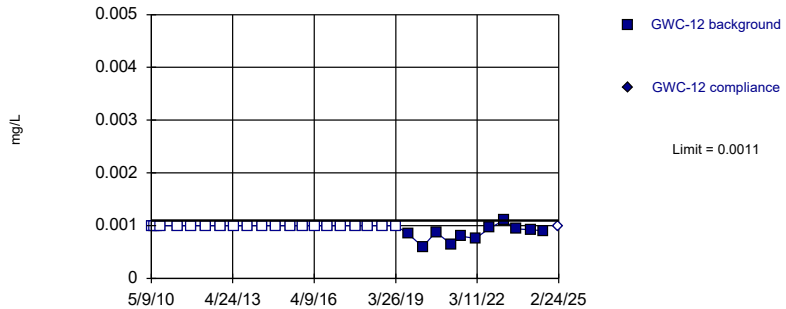
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 65.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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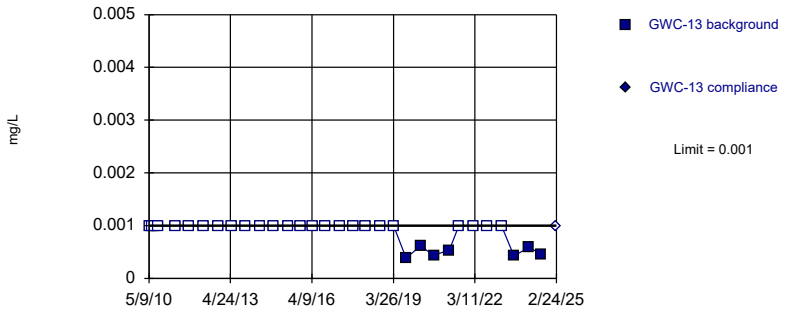
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 78.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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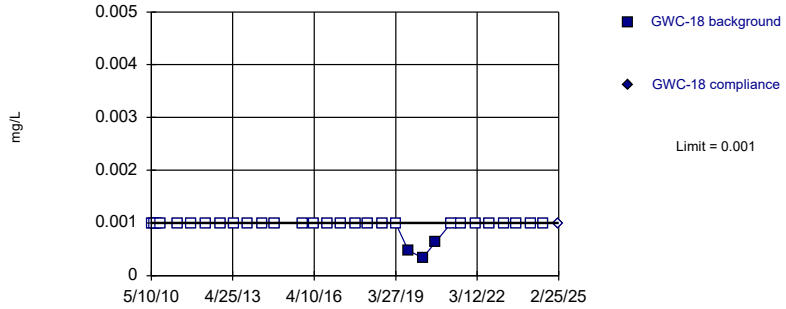
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



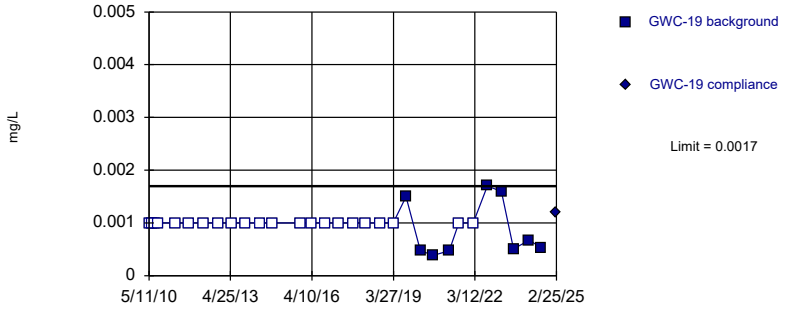
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



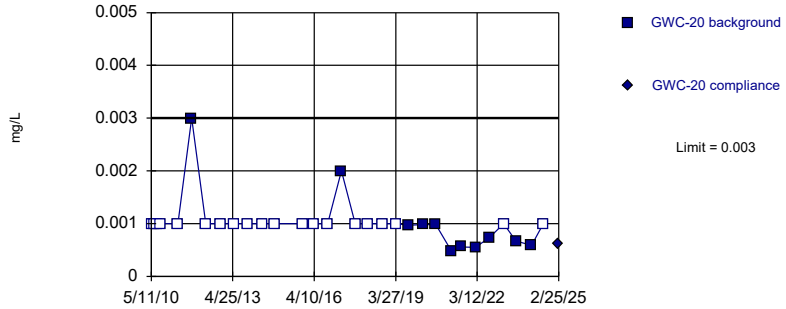
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



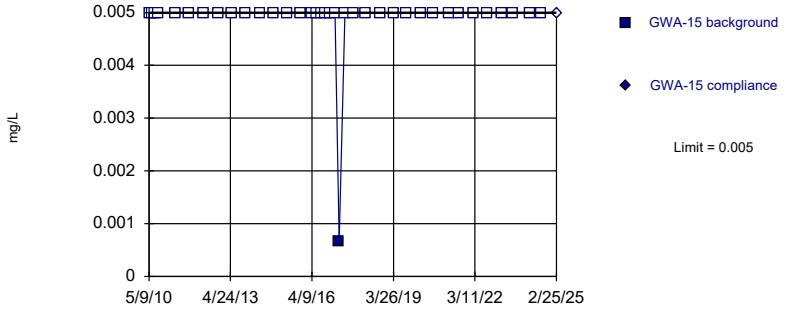
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



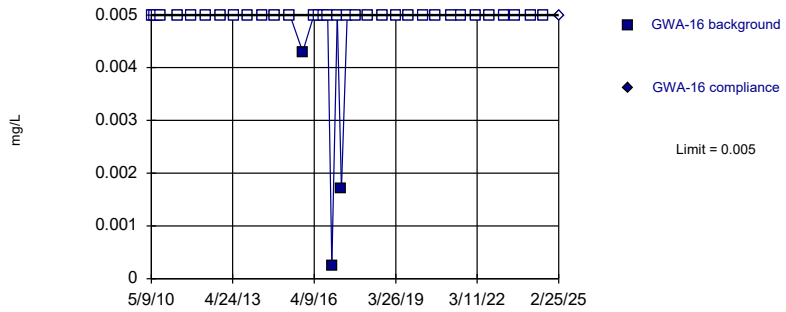
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



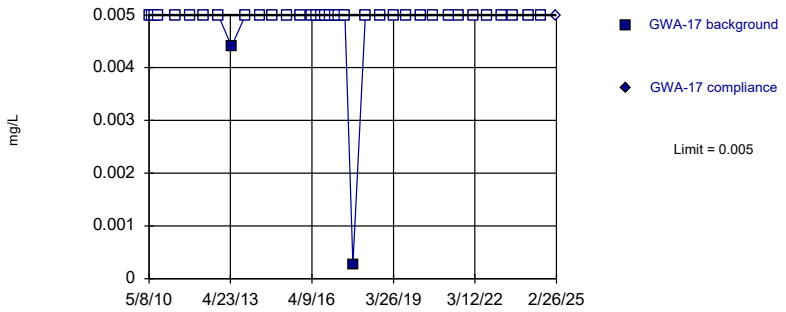
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



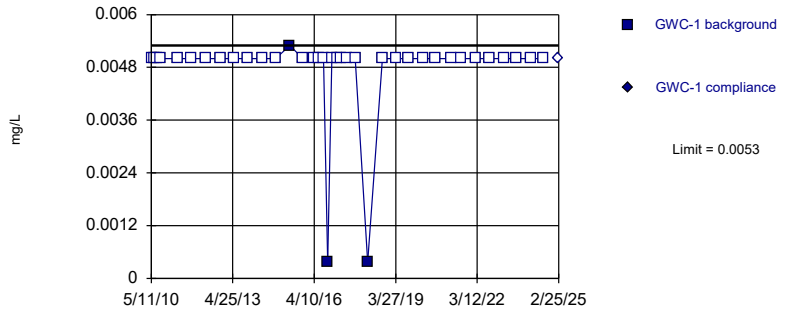
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



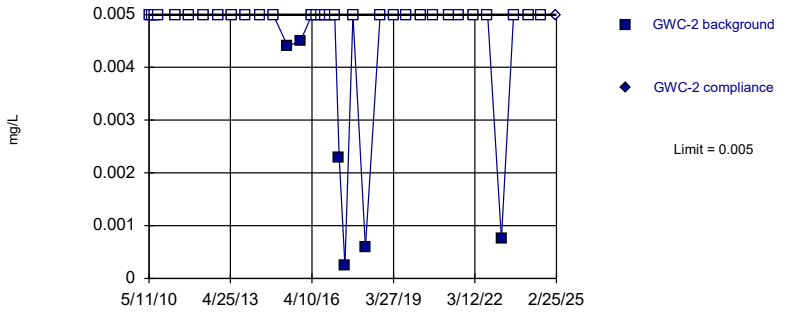
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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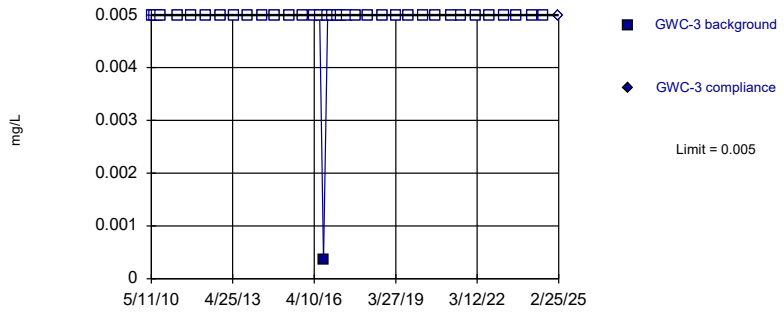
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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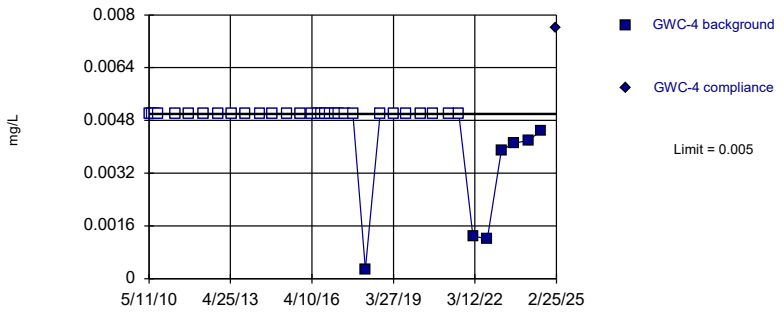
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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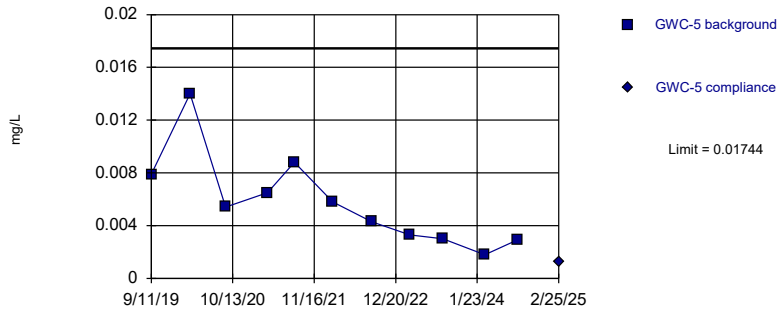
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005791, Std. Dev.=0.003494, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8961, critical = 0.85. Kappa = 3.335 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

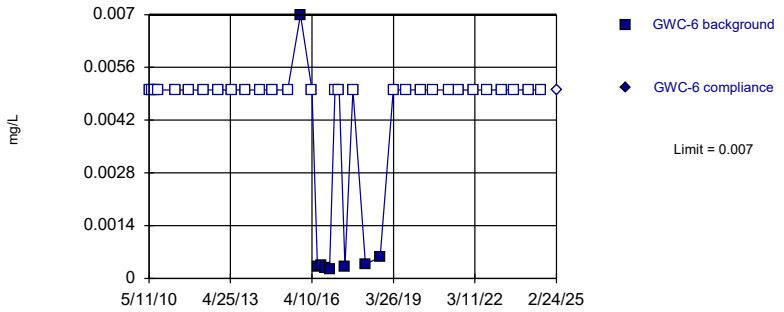
Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



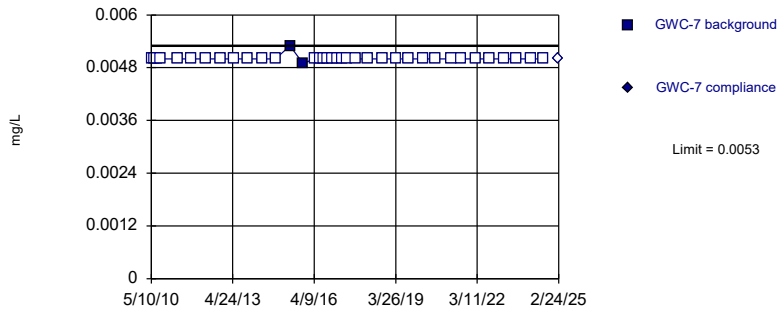
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



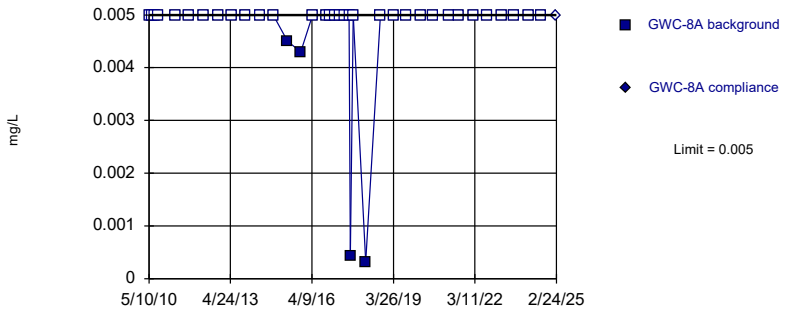
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



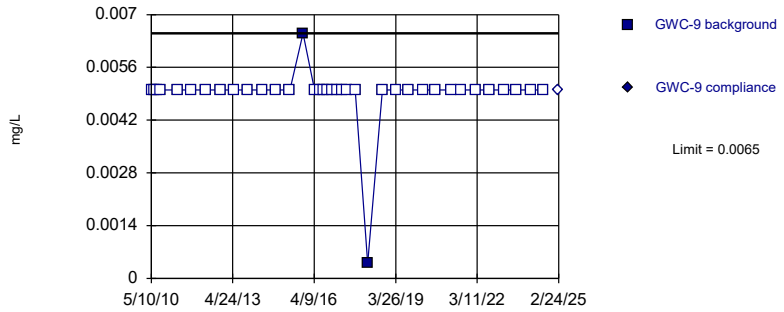
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



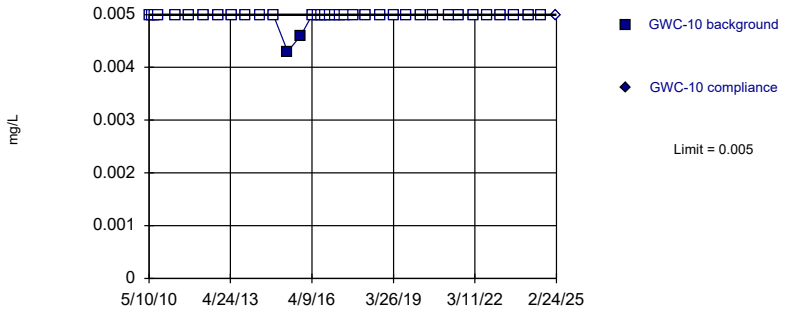
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



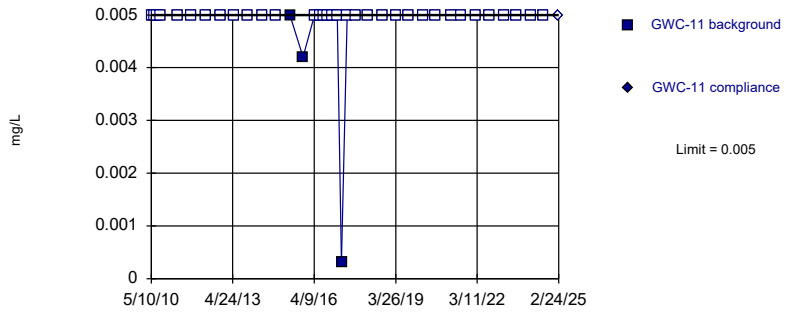
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



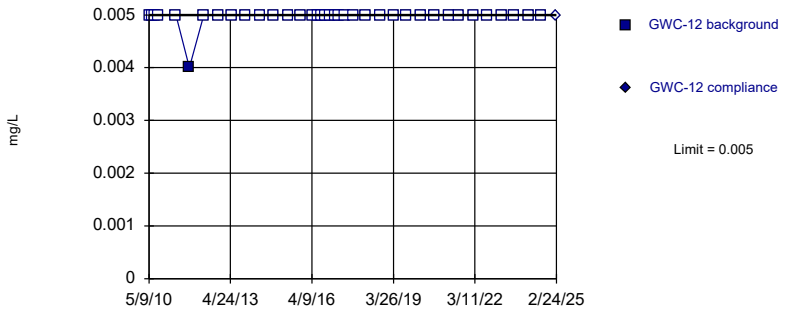
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



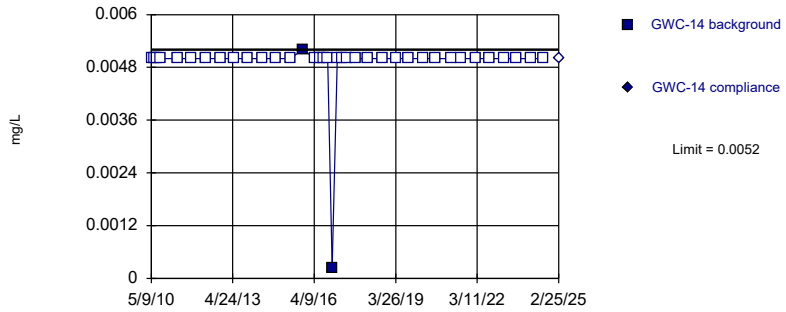
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



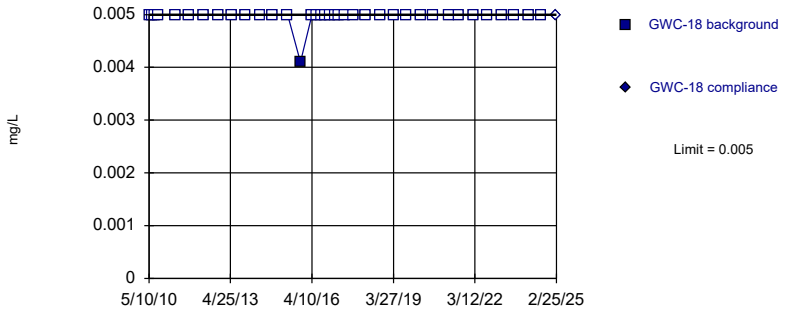
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



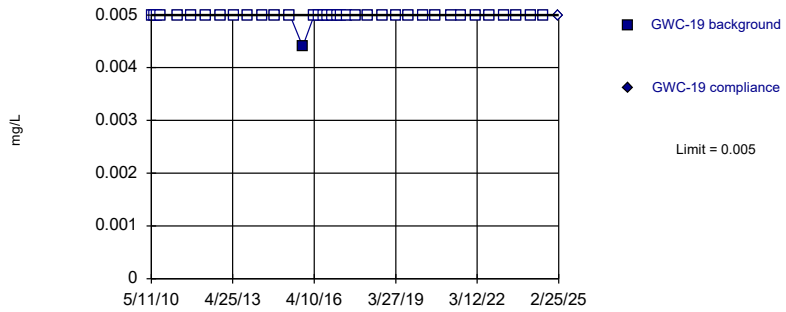
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



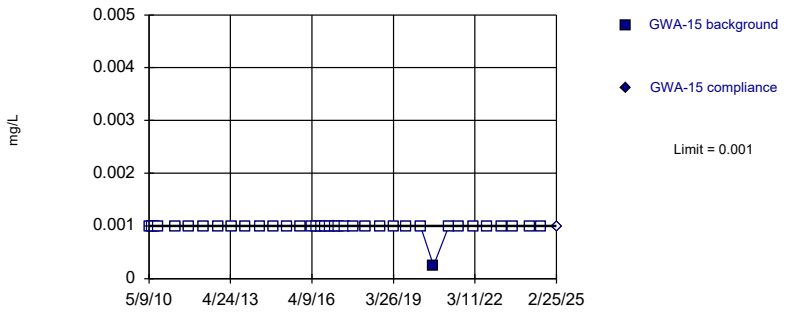
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



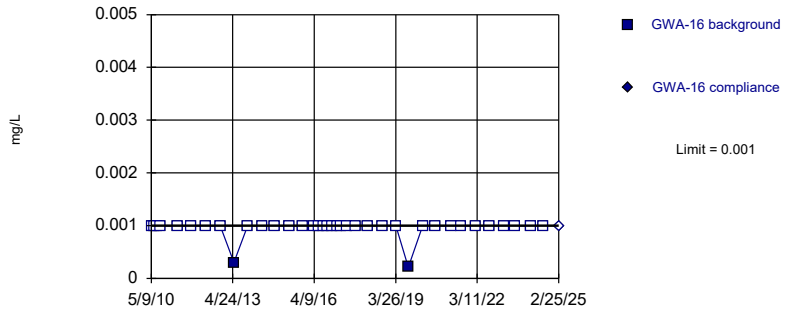
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



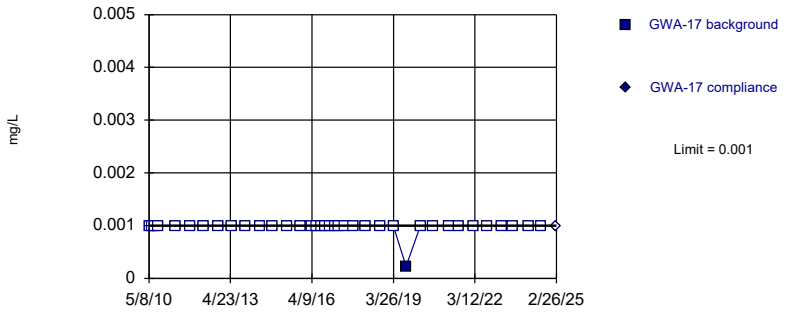
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

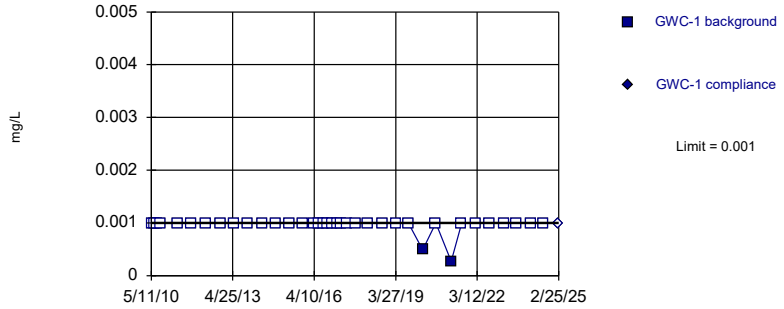
Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

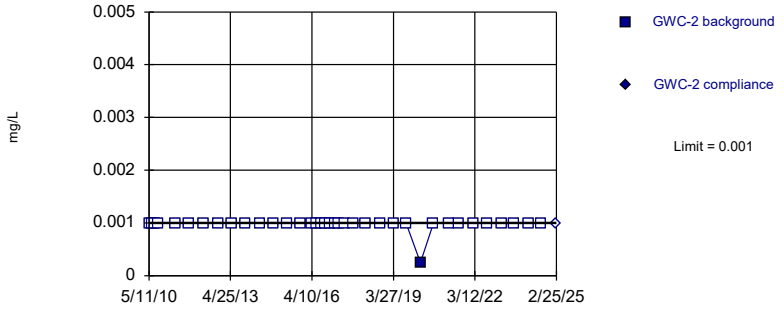
Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

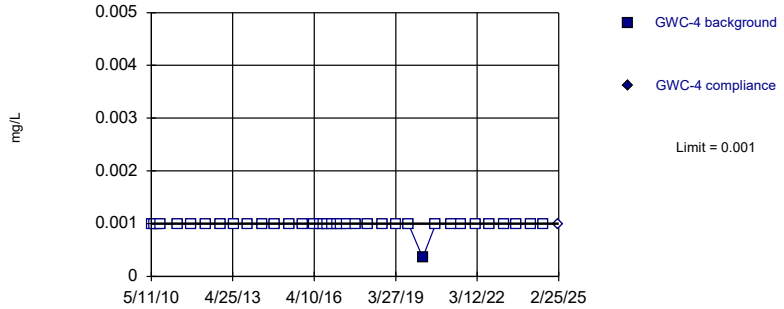
Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

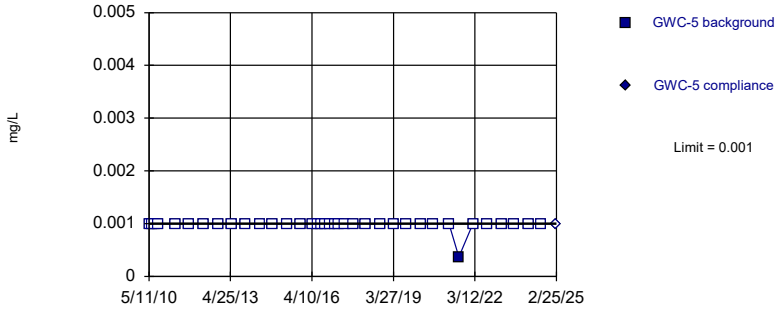
Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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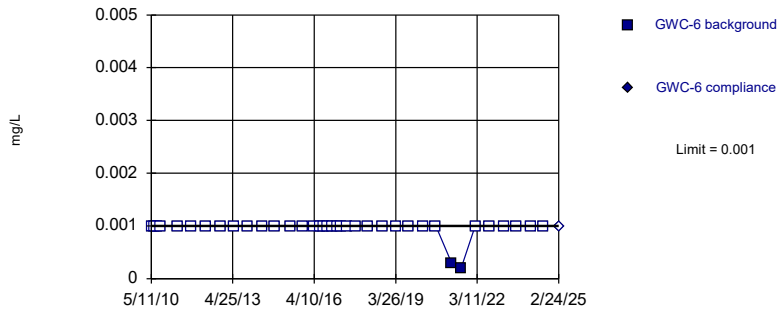
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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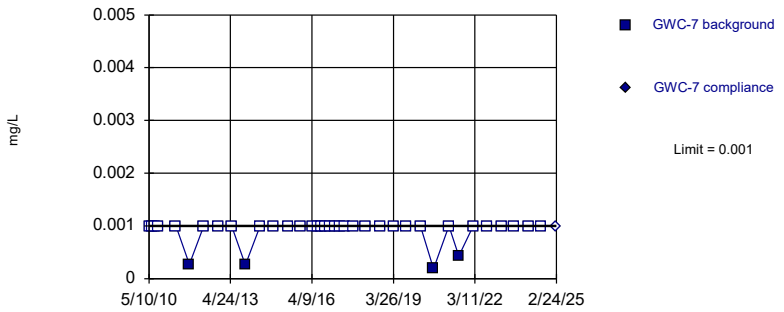
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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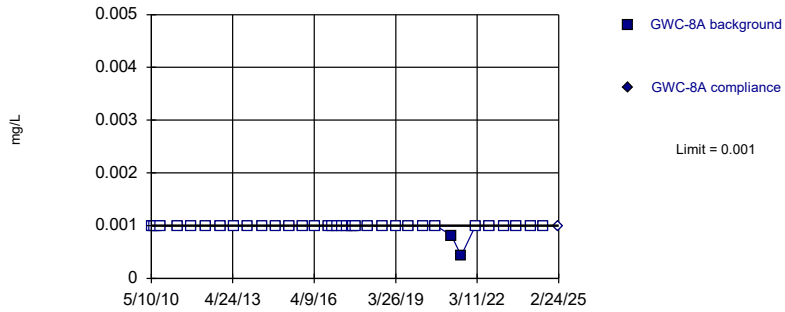
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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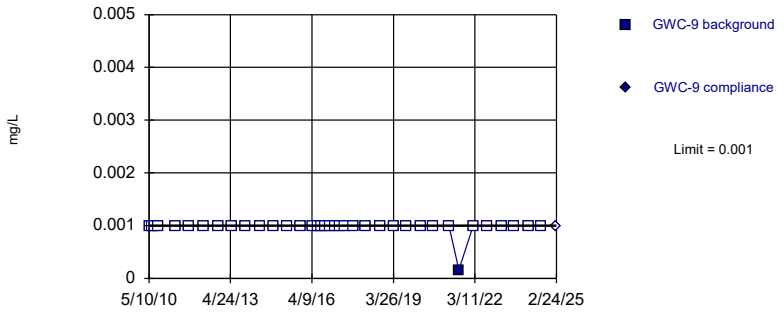
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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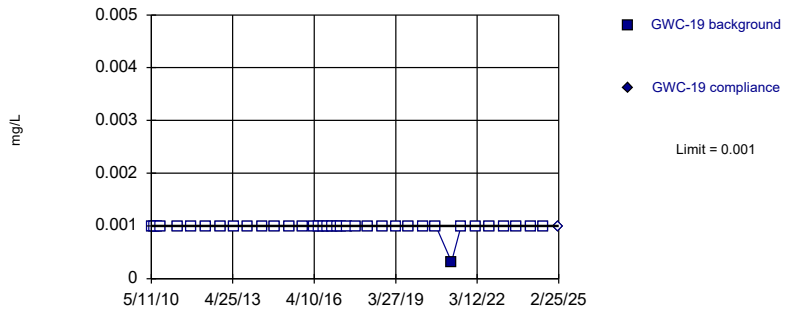
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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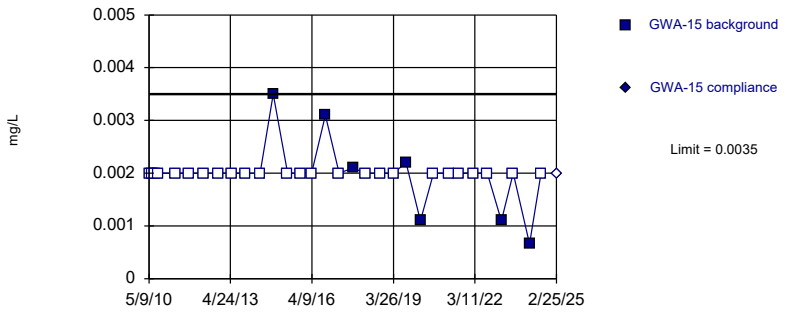
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 78.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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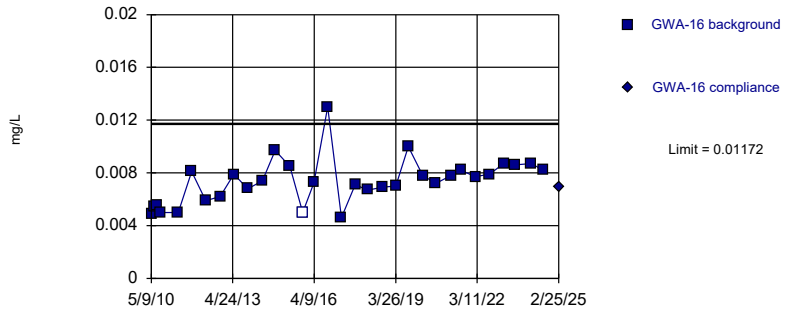
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007333, Std. Dev.=0.00176, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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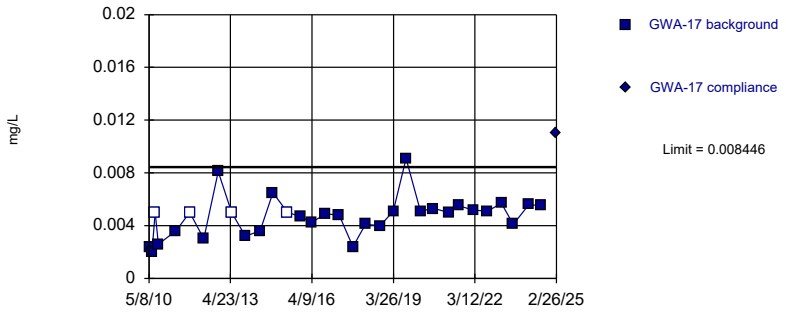
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004701, Std. Dev.=0.001504, n=32, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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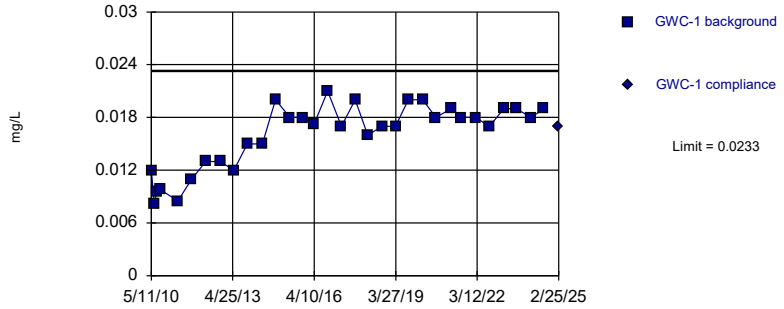
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0002708, Std. Dev.=0.0001093, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.915, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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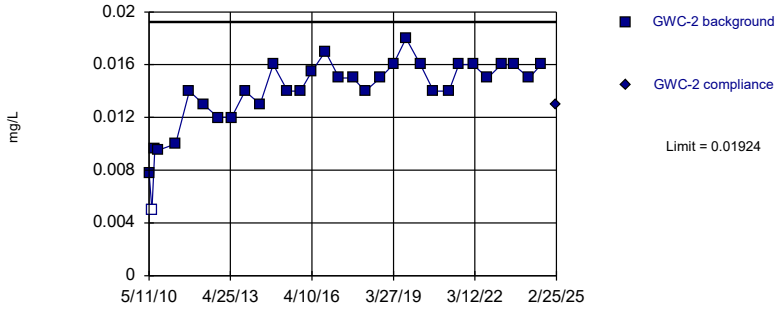
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001998, Std. Dev.=0.00006842, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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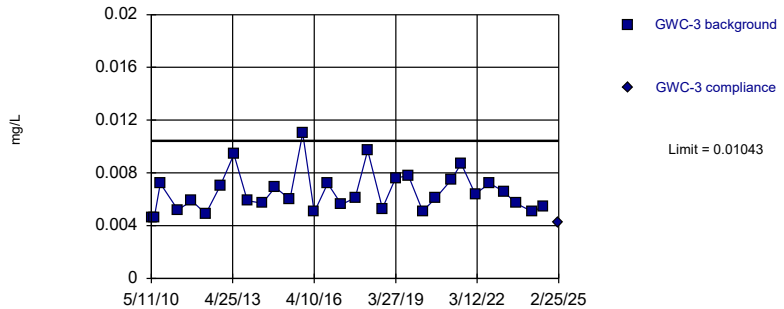
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00653, Std. Dev.=0.001561, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.902. Kappa = 2.5 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

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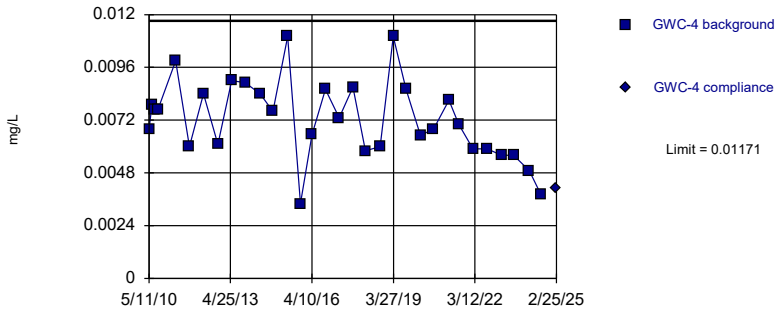
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007233, Std. Dev.=0.0018, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.975, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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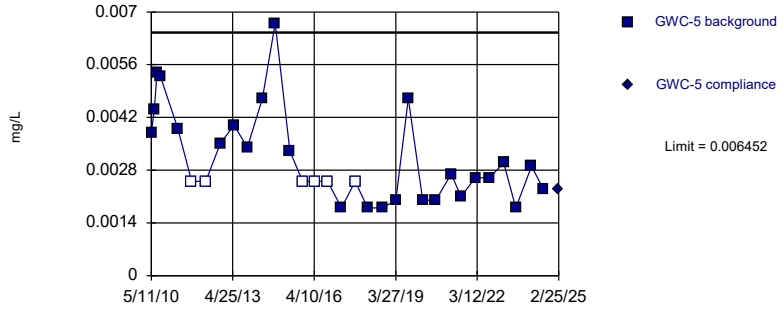
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05266, Std. Dev.=0.01111, n=32, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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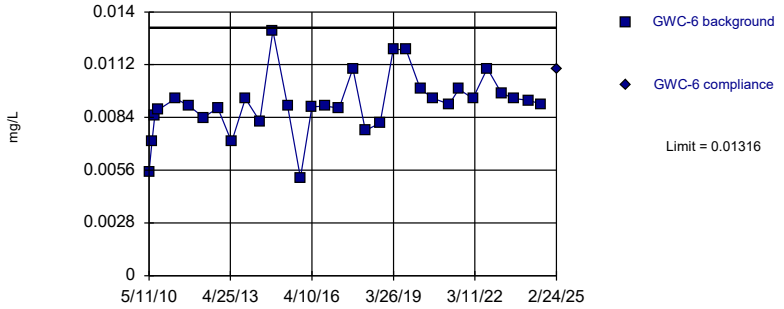
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009105, Std. Dev.=0.00163, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9353, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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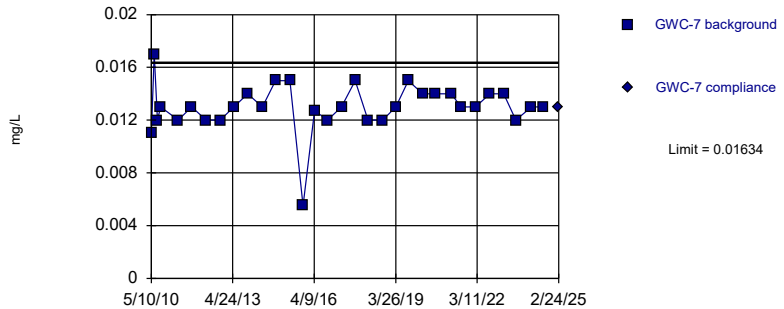
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=0.000002319, Std. Dev.=8.2e-7, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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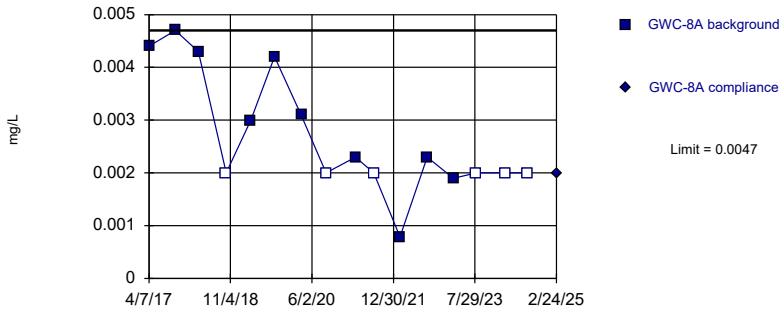
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

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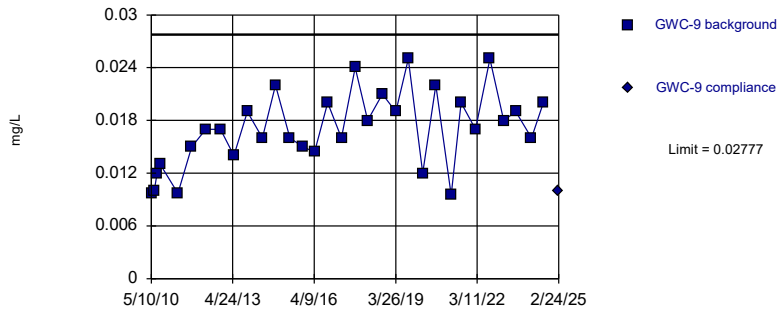
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01692, Std. Dev.=0.00436, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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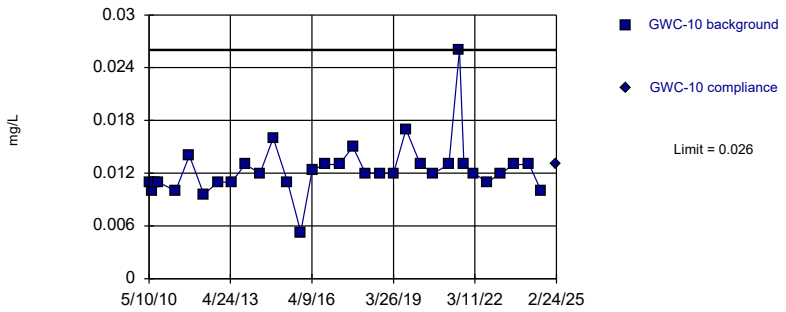
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

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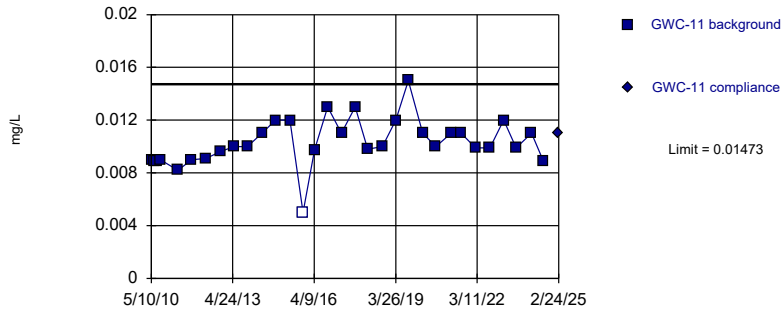
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01031, Std. Dev.=0.001777, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9383, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

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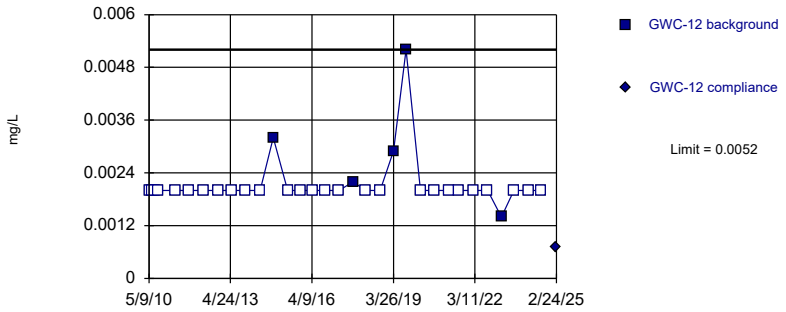
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
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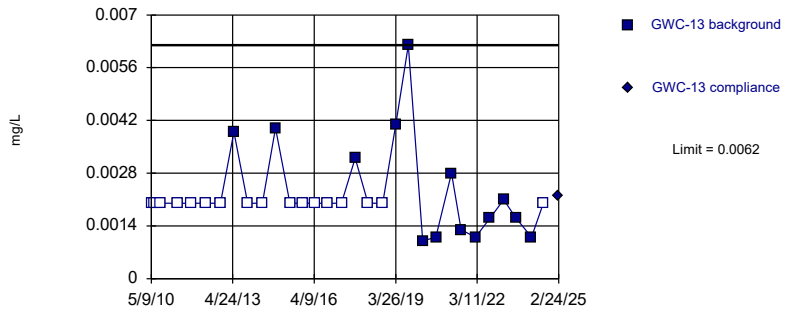
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

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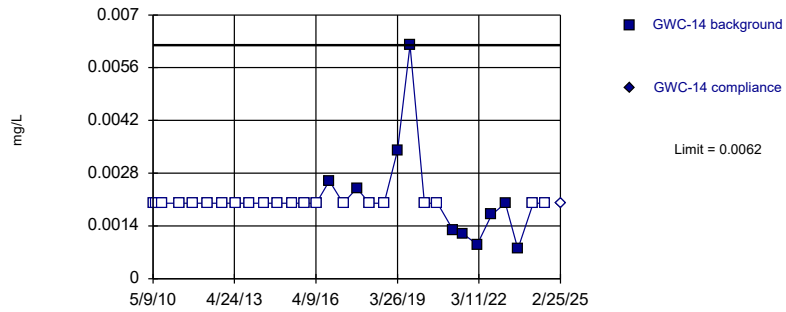
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

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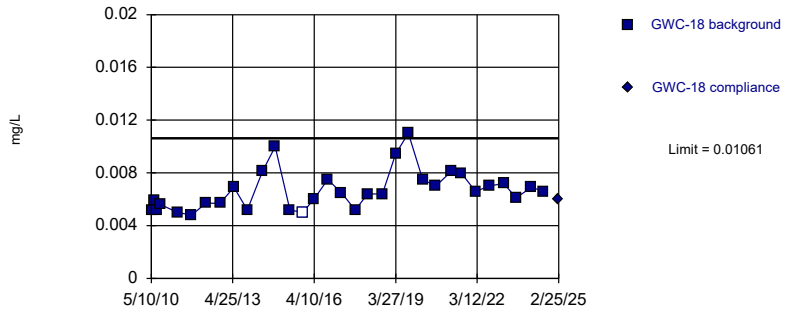
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.08111, Std. Dev.=0.0088, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9249, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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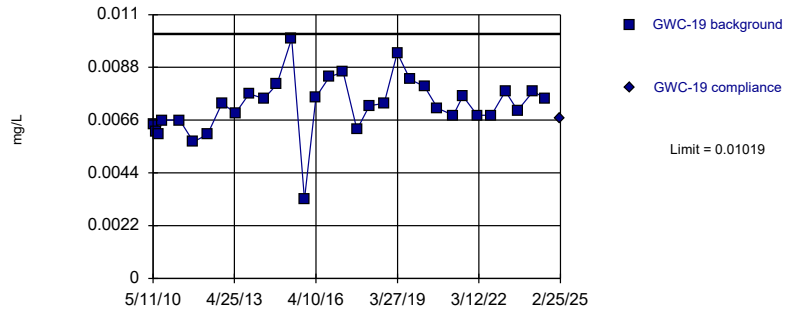
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007199, Std. Dev.=0.001201, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.95, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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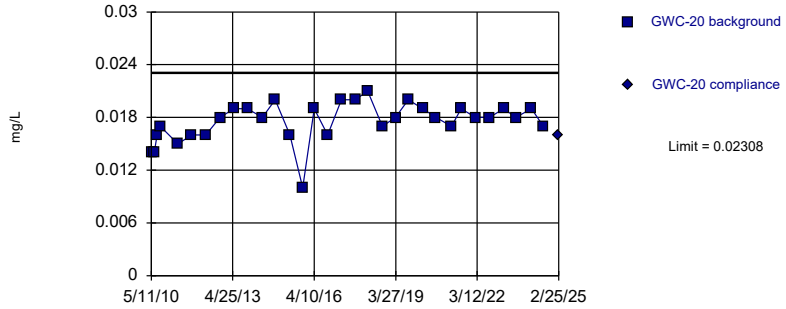
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01753, Std. Dev.=0.002229, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.904, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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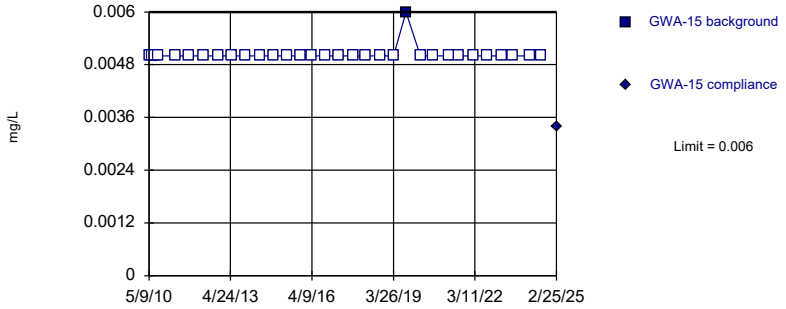
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

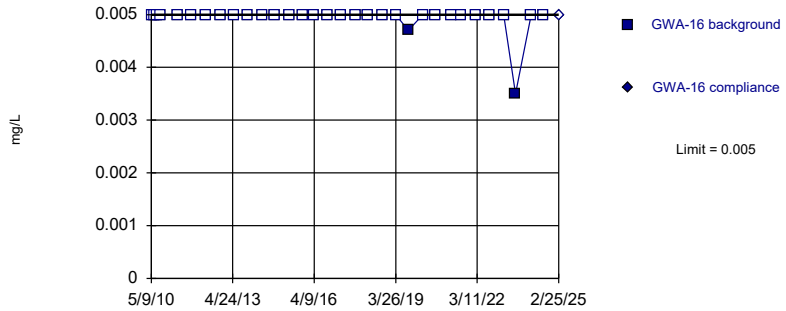
Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

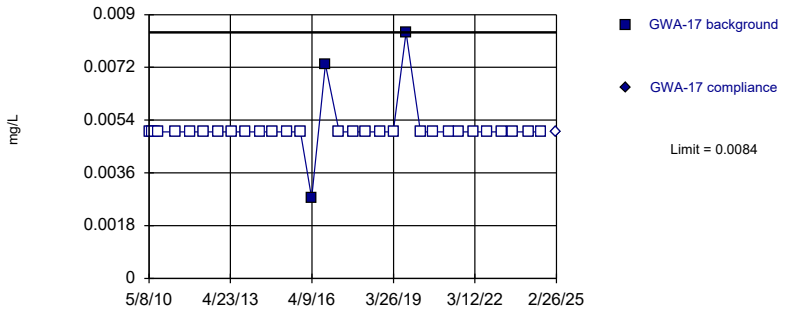
Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

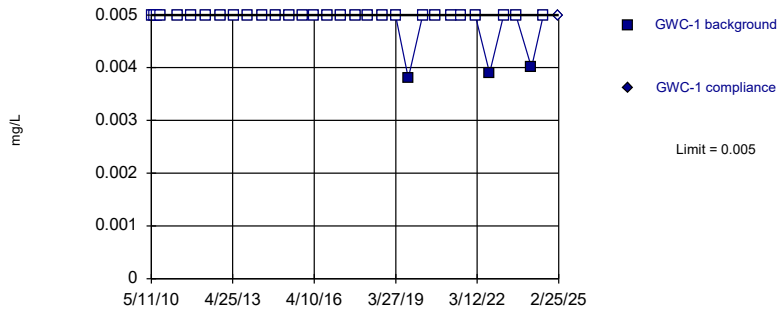
Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

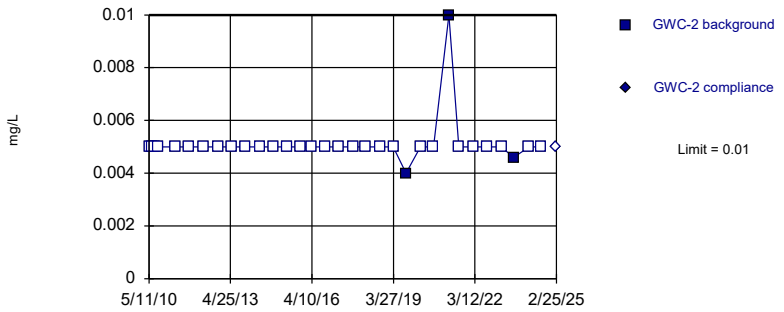
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

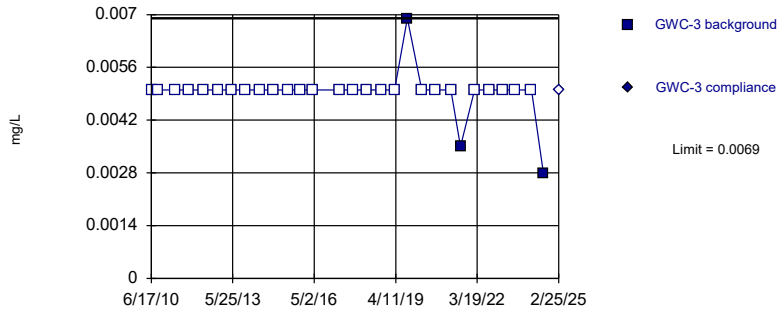
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

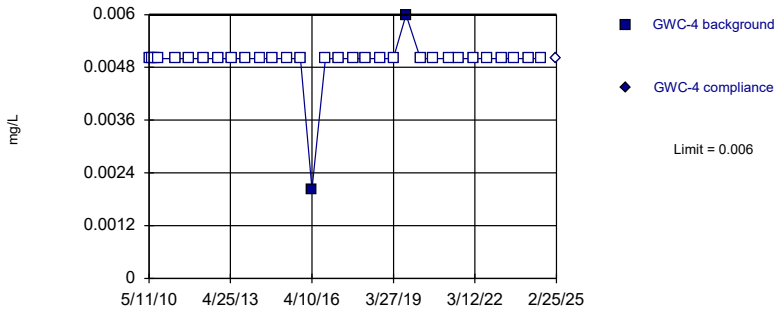
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

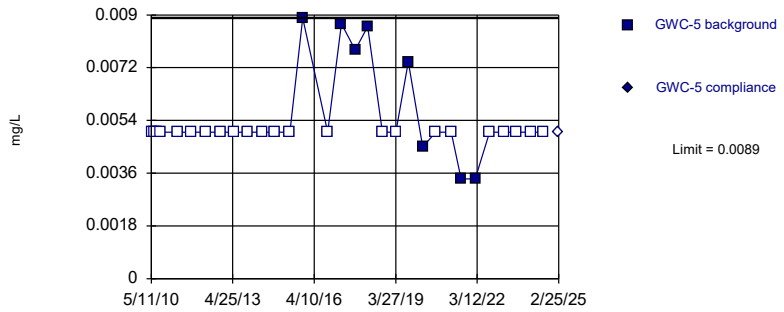
Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



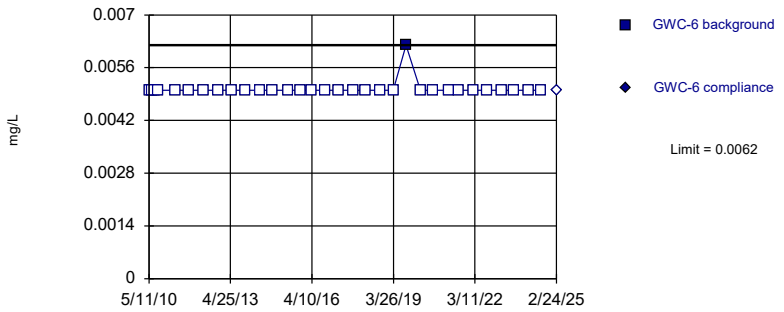
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 74.19% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



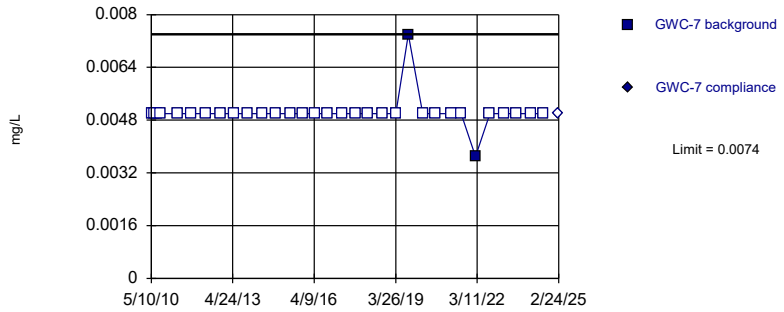
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



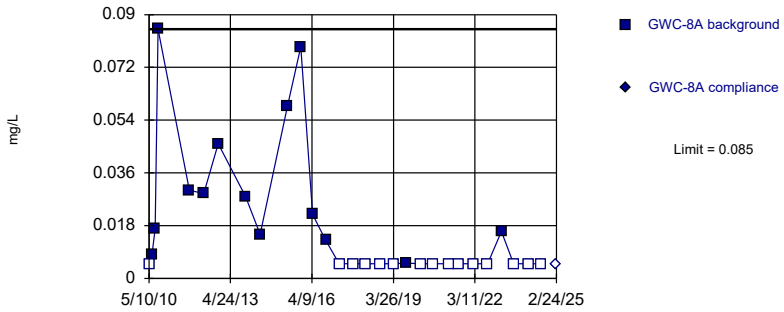
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 51.72% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

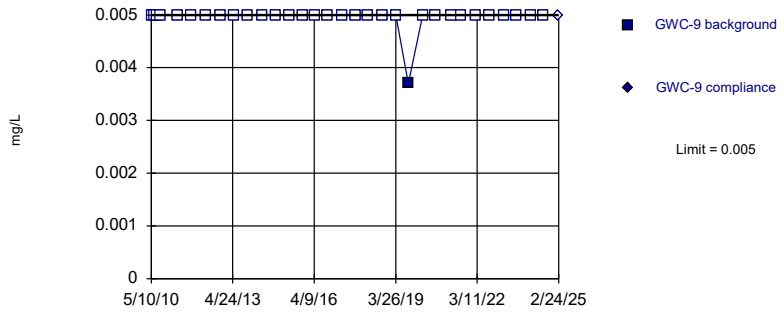
Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

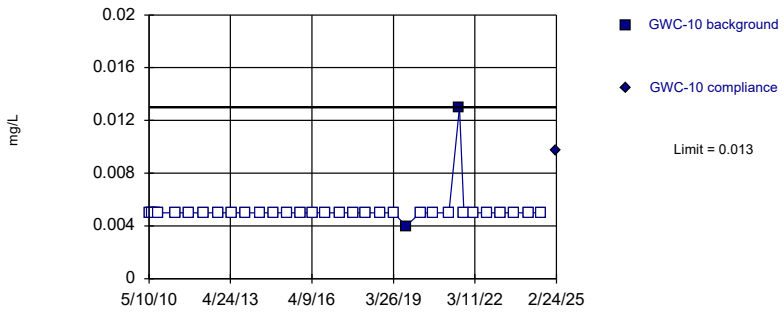
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

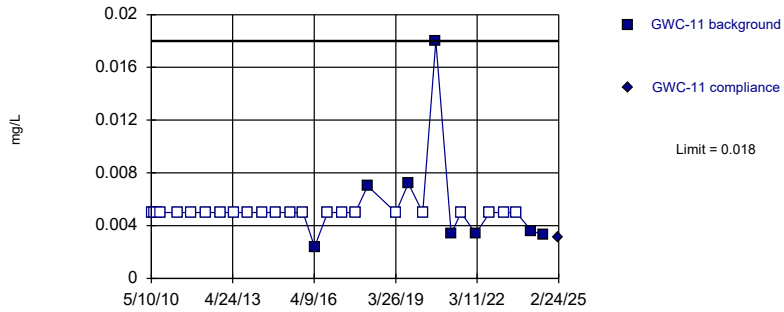
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 74.19% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

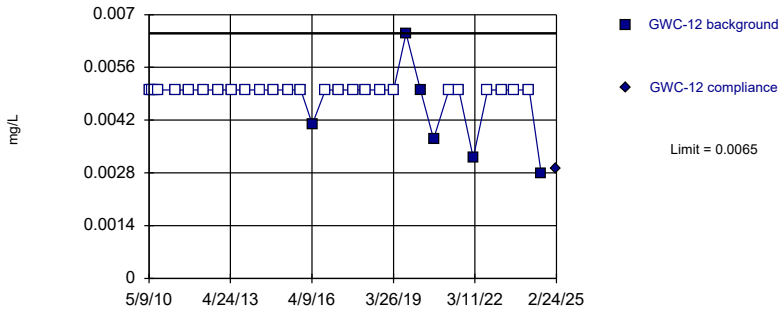
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



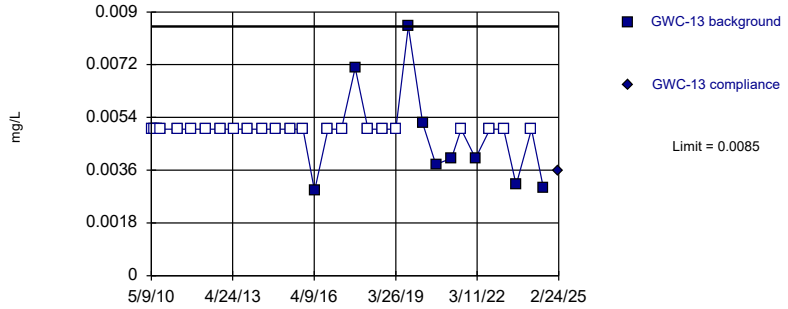
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



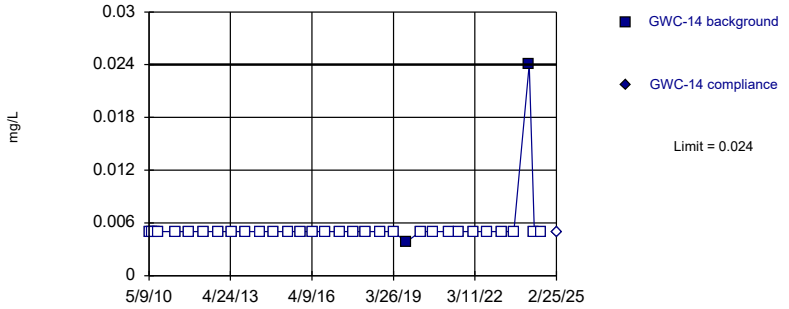
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



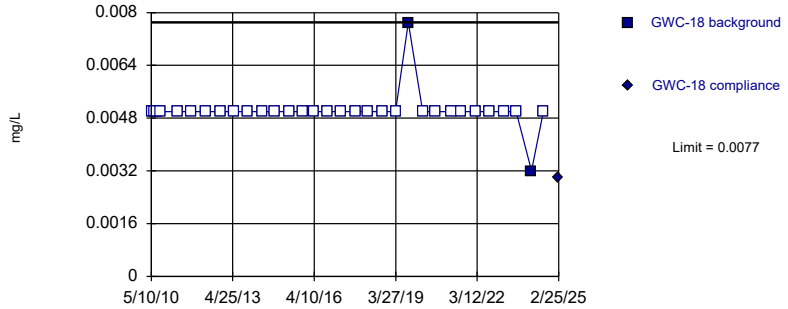
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



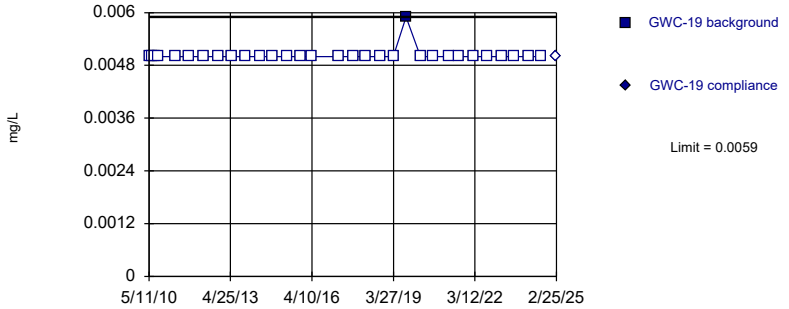
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

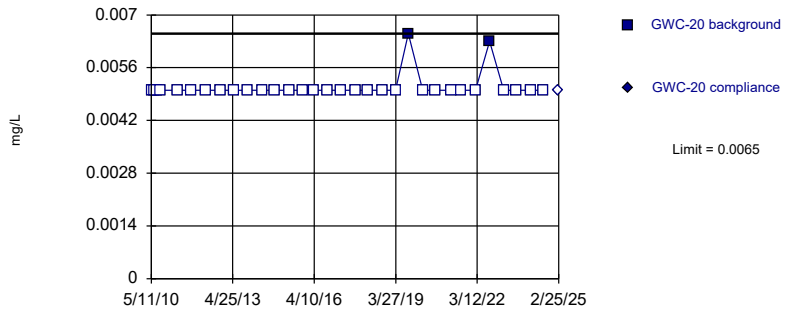
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/29/2016	<0.002	
2/7/2017	0.001 (J)	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
2/28/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00042 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013 (J)	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	0.0002 (J)	
8/12/2016	<0.002	
10/5/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/9/2023	<0.002	
3/4/2024	0.0013 (J)	
8/7/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	<0.002	
8/12/2016	<0.002	
10/6/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.00058 (J)	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/7/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
6/20/2016	0.0002 (J)	
8/15/2016	<0.002	
10/6/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	0.000646 (J)	
6/21/2016	<0.002	
8/15/2016	<0.002	
10/5/2016	<0.002	
12/1/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
6/21/2016	0.0003 (J)	
8/15/2016	<0.002	
10/7/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00018 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00039 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00014 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	0.01 (J)	
6/18/2010	0.01 (J)	
7/28/2010	0.011 (J)	
9/9/2010	0.011 (J)	
4/30/2011	0.0091 (J)	
10/28/2011	0.0096 (J)	
5/2/2012	0.012	
11/9/2012	0.012	
5/8/2013	0.01	
11/5/2013	0.0098 (J)	
5/20/2014	0.0081 (J)	
11/12/2014	0.0098 (J)	
5/22/2015	0.0088 (J)	
11/11/2015	0.011	
4/6/2016	0.00959 (J)	
6/15/2016	0.0091 (J)	
8/10/2016	0.009	
10/4/2016	0.0092	
11/30/2016	0.011	
2/7/2017	0.0099	
4/4/2017	0.0092	
6/20/2017	0.0099	
10/4/2017	0.0098	
3/20/2018	0.01	
10/2/2018	0.0099	
3/26/2019	0.0099	
9/10/2019	0.011	
3/18/2020	0.01	
9/9/2020	0.01	
4/1/2021	0.0092 (J)	
8/11/2021	0.01	
2/15/2022	0.012	
8/25/2022	0.012	
2/28/2023	0.01	
8/3/2023	0.01	
3/4/2024	0.01	
8/6/2024	0.01	
2/25/2025		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.031 (J)	
6/16/2010	0.029 (J)	
7/27/2010	0.029 (J)	
9/7/2010	0.028 (J)	
4/29/2011	0.026 (J)	
10/28/2011	0.025	
5/2/2012	0.025	
11/9/2012	0.028	
5/8/2013	0.029	
11/6/2013	0.026	
5/20/2014	0.025	
11/8/2014	0.026	
5/22/2015	0.026	
11/9/2015	0.024	
4/6/2016	0.026	
6/15/2016	0.023	
8/10/2016	0.022	
10/4/2016	0.024	
11/29/2016	0.023	
2/7/2017	0.024	
4/4/2017	0.022	
6/20/2017	0.025	
10/5/2017	0.023	
3/20/2018	0.023	
10/2/2018	0.023	
3/26/2019	0.024	
9/10/2019	0.039	
3/18/2020	0.027	
9/9/2020	0.024	
4/1/2021	0.024	
8/11/2021	0.023	
2/15/2022	0.024	
8/25/2022	0.025	
2/28/2023	0.025	
8/3/2023	0.026	
2/28/2024	0.03	
8/6/2024	0.031	
2/25/2025		0.028

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.048 (J)	
6/16/2010	0.044 (J)	
7/26/2010	0.042 (J)	
9/7/2010	0.04 (J)	
4/29/2011	0.038 (J)	
10/28/2011	0.034	
5/2/2012	0.03	
11/9/2012	0.039	
5/8/2013	0.034	
11/6/2013	0.032	
5/20/2014	0.03	
11/8/2014	0.031	
5/22/2015	0.033	
11/9/2015	0.034	
4/6/2016	0.0347	
6/15/2016	0.029	
8/10/2016	0.027	
10/5/2016	0.029	
11/29/2016	0.024	
2/7/2017	0.029	
4/4/2017	0.03	
6/20/2017	0.036	
10/5/2017	0.027	
3/20/2018	0.027	
10/2/2018	0.027	
3/26/2019	0.031	
9/10/2019	0.051	
3/18/2020	0.031	
9/9/2020	0.033	
4/1/2021	0.029	
8/11/2021	0.029	
2/15/2022	0.031	
8/24/2022	0.031	
2/28/2023	0.03	
8/3/2023	0.027	
2/28/2024	0.032	
8/6/2024	0.033	
2/26/2025		0.027

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.054 (J)	
6/17/2010	0.054 (J)	
7/27/2010	0.054 (J)	
9/9/2010	0.046 (J)	
4/28/2011	0.057 (J)	
10/29/2011	0.046	
5/3/2012	0.049	
11/9/2012	0.045	
5/9/2013	0.053	
11/5/2013	0.045	
5/23/2014	0.043	
11/13/2014	0.046	
5/23/2015	0.046	
11/11/2015	0.047	
4/12/2016	0.0474	
6/16/2016	0.044	
8/11/2016	0.04	
10/4/2016	0.048	
11/30/2016	0.043	
2/7/2017	0.042	
4/5/2017	0.041	
6/20/2017	0.046	
10/4/2017	0.044	
3/20/2018	0.042	
10/2/2018	0.043	
3/26/2019	0.044	
9/10/2019	0.046	
3/18/2020	0.049	
9/9/2020	0.046	
4/1/2021	0.047	
8/18/2021	0.049	
2/15/2022	0.052	
8/24/2022	0.043	
2/27/2023	0.049	
8/9/2023	0.048	
3/1/2024	0.048	
8/6/2024	0.051	
2/25/2025		0.047

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.048 (J)	
6/19/2010	0.033 (J)	
7/27/2010	0.047 (J)	
9/9/2010	0.045 (J)	
4/28/2011	0.048 (J)	
10/28/2011	0.044	
5/3/2012	0.047	
11/9/2012	0.055	
5/9/2013	0.049	
11/5/2013	0.045	
5/22/2014	0.04	
11/13/2014	0.045	
5/24/2015	0.045	
11/11/2015	0.045	
4/12/2016	0.0519	
6/16/2016	0.045	
8/11/2016	0.04	
10/4/2016	0.044	
11/30/2016	0.044	
2/7/2017	0.044	
4/6/2017	0.041	
6/20/2017	0.045	
10/4/2017	0.047	
3/20/2018	0.045	
10/2/2018	0.044	
3/26/2019	0.045	
9/10/2019	0.047	
3/18/2020	0.048	
9/9/2020	0.047	
4/1/2021	0.044	
8/12/2021	0.048	
2/15/2022	0.048	
8/26/2022	0.045	
2/27/2023	0.048	
8/9/2023	0.045	
3/1/2024	0.046	
8/6/2024	0.052	
2/25/2025		0.043

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.039 (Jo)	
6/17/2010	0.017 (J)	
7/28/2010	0.071 (JO)	
9/7/2010	0.026 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022	
5/10/2013	0.025	
11/6/2013	0.015	
5/22/2014	0.016	
11/9/2014	0.017	
5/22/2015	0.017	
11/10/2015	0.018	
4/12/2016	0.0169	
6/20/2016	0.014	
8/12/2016	0.018	
10/5/2016	0.015	
11/30/2016	0.018	
2/8/2017	0.018	
4/6/2017	0.017	
6/21/2017	0.02	
10/5/2017	0.017	
3/21/2018	0.018	
10/3/2018	0.016	
3/26/2019	0.015	
9/10/2019	0.014	
3/18/2020	0.013	
9/10/2020	0.015	
4/6/2021	0.014	
8/12/2021	0.019	
2/15/2022	0.013	
8/25/2022	0.013	
2/28/2023	0.011	
8/9/2023	0.013	
3/4/2024	0.019	
8/7/2024	0.02	
2/25/2025		0.021

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
8/25/2022		0.054
12/28/2022		0.065
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1
8/7/2024		0.097
2/25/2025		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.034 (J)	
6/18/2010	0.028 (J)	
7/27/2010	0.026 (J)	
9/9/2010	0.022 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/4/2012	0.017	
11/10/2012	0.014	
5/9/2013	0.016	
11/6/2013	0.016	
5/22/2014	0.016	
11/9/2014	0.018	
5/24/2015	0.11	
11/11/2015	0.12	
4/19/2016	0.099	
6/22/2016	0.074	
8/16/2016	0.045	
10/6/2016	0.046	
12/1/2016	0.046	
2/9/2017	0.055	
4/6/2017	0.057	
6/21/2017	0.062	
10/5/2017	0.052	
3/22/2018	0.048	
10/3/2018	0.036	
3/27/2019	0.038	
9/11/2019	0.039	
3/18/2020	0.04	
9/9/2020	0.033	
4/1/2021	0.04	
8/12/2021	0.036	
2/15/2022	0.038	
8/25/2022	0.031	
2/28/2023	0.038	
8/8/2023	0.031	
2/29/2024	0.042	
8/6/2024	0.038	
2/25/2025		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021	0.054	
8/11/2021	0.054	
2/15/2022	0.057	
8/25/2022	0.055	
2/27/2023	0.052	
8/8/2023	0.046	
2/29/2024	0.06	
8/7/2024	0.047	
2/24/2025		0.07

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.029 (J)	
6/18/2010	0.044 (J)	
7/28/2010	0.028 (J)	
9/9/2010	0.029 (J)	
4/30/2011	0.025 (J)	
10/29/2011	0.026	
5/4/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.03	
11/7/2013	0.031	
5/21/2014	0.029	
11/12/2014	0.031	
5/24/2015	0.039	
11/11/2015	0.032	
4/13/2016	0.0328	
6/20/2016	0.03	
8/15/2016	0.033	
10/6/2016	0.032	
12/1/2016	0.034	
2/9/2017	0.032	
4/7/2017	0.031	
6/22/2017	0.035	
10/6/2017	0.034	
3/22/2018	0.035	
10/4/2018	0.031	
3/27/2019	0.033	
9/11/2019	0.035	
3/19/2020	0.036	
9/10/2020	0.039	
4/1/2021	0.036	
8/11/2021	0.036	
2/15/2022	0.035	
8/25/2022	0.035	
2/27/2023	0.036	
8/8/2023	0.034	
2/29/2024	0.041	
8/6/2024	0.039	
2/24/2025		0.043

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.05 (J)	
6/19/2010	0.045 (J)	
7/28/2010	0.046 (J)	
9/8/2010	0.071 (J)	
4/30/2011	0.098 (J)	
10/27/2011	0.048	
5/4/2012	0.055	
11/11/2012	0.05	
5/10/2013	0.12	
11/7/2013	0.044	
5/21/2014	0.037	
11/13/2014	0.085	
5/23/2015	0.054	
11/11/2015	0.059	
4/19/2016	0.0415	
10/10/2016	0.034	
12/1/2016	0.037	
2/9/2017	0.043	
4/7/2017	0.019	
6/21/2017	0.017	
8/15/2017	0.021	
9/1/2017	0.02	
10/9/2017	0.019	
3/22/2018	0.019	
10/4/2018	0.012	
3/27/2019	0.025	
9/11/2019	0.022	
3/18/2020	0.043	
9/9/2020	0.053	
4/5/2021	0.045	
8/12/2021	0.026	
2/15/2022	0.048	
8/25/2022	0.03	
2/27/2023	0.055	
8/8/2023	0.051	
2/29/2024	0.042	
8/6/2024	0.029	
2/24/2025		0.039

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.026 (J)	
6/16/2010	0.026 (J)	
7/27/2010	0.029 (J)	
9/8/2010	0.027 (J)	
4/29/2011	0.02 (J)	
10/27/2011	0.02	
5/3/2012	0.021	
11/11/2012	0.028	
5/9/2013	0.026	
11/6/2013	0.026	
5/21/2014	0.023	
11/12/2014	0.038	
5/23/2015	0.021	
11/12/2015	0.02	
4/13/2016	0.0164	
6/22/2016	0.0238	
8/15/2016	0.02	
10/6/2016	0.021	
12/1/2016	0.025	
2/8/2017	0.017	
4/6/2017	0.019	
6/21/2017	0.026	
10/5/2017	0.022	
3/21/2018	0.021	
10/2/2018	0.023	
3/27/2019	0.018	
9/11/2019	0.028	
3/18/2020	0.013	
9/9/2020	0.025	
4/1/2021	0.018	
8/12/2021	0.023	
2/15/2022	0.023	
8/25/2022	0.04	
2/27/2023	0.025	
8/8/2023	0.027	
3/1/2024	0.026	
8/6/2024	0.03	
2/24/2025		0.029

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.024 (J)	
6/16/2010	0.022 (J)	
7/28/2010	0.023 (J)	
9/8/2010	0.023 (J)	
4/29/2011	0.022 (J)	
10/27/2011	0.022	
5/4/2012	0.019	
11/11/2012	0.025	
5/9/2013	0.024	
11/5/2013	0.025	
5/21/2014	0.024	
11/12/2014	0.026	
5/23/2015	0.026	
11/12/2015	0.026	
4/13/2016	0.0258	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	0.026	
12/1/2016	0.028	
2/8/2017	0.027	
4/6/2017	0.027	
6/21/2017	0.031	
10/5/2017	0.029	
3/21/2018	0.028	
10/2/2018	0.029	
3/27/2019	0.027	
9/11/2019	0.033	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.034	
8/17/2021	0.04	
10/18/2021	0.031	
2/15/2022	0.036	
8/25/2022	0.035	
2/21/2023	0.033	
8/9/2023	0.032	
3/1/2024	0.036	
8/6/2024	0.034	
2/24/2025		0.035

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.018 (J)	
6/16/2010	0.018 (J)	
7/27/2010	0.018 (J)	
9/8/2010	0.017 (J)	
4/29/2011	0.016 (J)	
10/27/2011	0.015	
5/4/2012	0.014	
11/10/2012	0.016	
5/9/2013	0.016	
11/6/2013	0.016	
5/20/2014	0.016	
11/12/2014	0.017	
5/24/2015	0.017	
11/12/2015	0.016	
4/13/2016	0.0159	
6/21/2016	0.018	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.015	
4/6/2017	0.016	
6/20/2017	0.016	
10/5/2017	0.016	
3/21/2018	0.016	
10/2/2018	0.016	
3/27/2019	0.015	
9/11/2019	0.017	
3/18/2020	0.019	
9/10/2020	0.02	
4/1/2021	0.018	
8/11/2021	0.017	
2/16/2022	0.018	
8/25/2022	0.018	
2/27/2023	0.019	
8/9/2023	0.019	
2/29/2024	0.02	
8/6/2024	0.017	
2/24/2025		0.02

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	0.017 (J)	
6/18/2010	0.014 (J)	
7/27/2010	0.015 (J)	
9/8/2010	0.013 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.013	
5/3/2012	0.012	
11/10/2012	0.015	
5/9/2013	0.015	
11/6/2013	0.015	
5/20/2014	0.015	
11/12/2014	0.018	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0166	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.016	
4/5/2017	0.016	
6/20/2017	0.017	
10/5/2017	0.017	
3/21/2018	0.017	
10/2/2018	0.016	
3/26/2019	0.017	
9/11/2019	0.017	
3/18/2020	0.018	
9/10/2020	0.019	
4/1/2021	0.018	
8/11/2021	0.018	
2/16/2022	0.018	
8/26/2022	0.018	
2/27/2023	0.019	
8/9/2023	0.02	
2/29/2024	0.019	
8/6/2024	0.018	
2/24/2025		0.02

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.029 (J)	
6/18/2010	0.028 (J)	
7/29/2010	0.029 (J)	
9/9/2010	0.028 (J)	
4/26/2011	0.038 (J)	
10/28/2011	0.026	
5/4/2012	0.024	
11/11/2012	0.027	
5/8/2013	0.045	
11/7/2013	0.026	
5/20/2014	0.024	
11/12/2014	0.029	
5/24/2015	0.027	
11/12/2015	0.029	
4/13/2016	0.029	
6/21/2016	0.0306	
8/15/2016	0.026	
10/7/2016	0.031	
12/1/2016	0.031	
2/9/2017	0.032	
4/6/2017	0.029	
6/22/2017	0.034	
10/6/2017	0.031	
3/22/2018	0.034	
10/3/2018	0.03	
3/26/2019	0.035	
9/11/2019	0.035	
3/18/2020	0.058	
9/10/2020	0.037	
4/6/2021	0.038	
8/11/2021	0.037	
2/16/2022	0.035	
8/26/2022	0.035	
2/27/2023	0.04	
8/9/2023	0.04	
3/1/2024	0.039	
8/6/2024	0.036	
2/24/2025		0.041

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	0.01 (J)	
6/18/2010	0.0097 (J)	
7/28/2010	0.0096 (J)	
9/9/2010	0.01 (J)	
4/30/2011	0.0096 (J)	
10/28/2011	0.0064 (JO)	
5/3/2012	0.0054 (JO)	
11/10/2012	0.0094 (J)	
5/8/2013	0.0093 (J)	
11/5/2013	0.009 (J)	
5/20/2014	0.009 (J)	
11/12/2014	0.0098 (J)	
5/24/2015	0.0096 (J)	
11/11/2015	0.0092 (J)	
4/13/2016	0.00929 (J)	
6/21/2016	0.0106	
8/15/2016	0.0077	
10/4/2016	0.0091	
12/1/2016	0.0089	
2/7/2017	0.0089	
4/6/2017	0.0085	
6/20/2017	0.0097	
10/5/2017	0.0096	
3/20/2018	0.0091	
10/2/2018	0.0096	
3/26/2019	0.0092	
9/11/2019	0.011	
3/18/2020	0.0099 (J)	
9/9/2020	0.01	
4/1/2021	0.0095 (J)	
8/11/2021	0.012	
2/16/2022	0.011	
8/26/2022	0.011	
2/27/2023	0.011	
8/9/2023	0.012	
3/1/2024	0.012	
8/8/2024	0.013	
2/25/2025		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.039 (J)	
6/16/2010	0.041 (J)	
7/26/2010	0.04 (J)	
9/7/2010	0.038 (J)	
4/29/2011	0.034 (J)	
10/28/2011	0.035	
5/2/2012	0.038	
11/9/2012	0.035	
5/8/2013	0.037	
11/6/2013	0.036	
5/23/2014	0.036	
11/8/2014	0.038	
5/22/2015	0.035	
11/10/2015	0.032	
4/11/2016	0.0352	
6/16/2016	0.033	
8/11/2016	0.035	
10/5/2016	0.032	
11/29/2016	0.034	
2/8/2017	0.032	
4/6/2017	0.031	
6/21/2017	0.035	
10/5/2017	0.034	
3/20/2018	0.033	
10/2/2018	0.032	
3/26/2019	0.033	
9/11/2019	0.035	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.035	
8/11/2021	0.037	
2/16/2022	0.034	
8/25/2022	0.035	
2/28/2023	0.035	
8/9/2023	0.037	
2/29/2024	0.037	
8/6/2024	0.037	
2/25/2025		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.018 (J)	
6/16/2010	0.017 (J)	
7/27/2010	0.016 (J)	
9/7/2010	0.017 (J)	
4/29/2011	0.018 (J)	
10/28/2011	0.016	
5/2/2012	0.018	
11/9/2012	0.017	
5/9/2013	0.017	
11/6/2013	0.018	
5/22/2014	0.016	
11/8/2014	0.018	
5/22/2015	0.018	
11/10/2015	0.017	
4/11/2016	0.0191	
6/16/2016	0.017	
8/11/2016	0.015	
10/5/2016	0.018	
11/29/2016	0.017	
2/8/2017	0.017	
4/5/2017	0.017	
6/21/2017	0.019	
10/5/2017	0.018	
3/20/2018	0.019	
10/2/2018	0.018	
3/26/2019		0.018
9/12/2019		0.026
3/19/2020		0.025
9/9/2020		0.026
4/5/2021		0.028
8/11/2021		0.031
2/16/2022		0.027
8/25/2022		0.03
2/28/2023		0.031
8/8/2023		0.032
2/29/2024		0.033
8/6/2024		0.035
2/25/2025		0.033

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.032 (J)	
6/17/2010	0.031 (J)	
7/27/2010	0.035 (J)	
9/7/2010	0.032 (J)	
4/29/2011	0.031 (J)	
10/28/2011	0.03	
5/3/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.029	
11/6/2013	0.03	
5/22/2014	0.029	
11/9/2014	0.032	
5/22/2015	0.029	
11/10/2015	0.026	
4/12/2016	0.033	
6/16/2016	0.028	
8/11/2016	0.026	
10/5/2016	0.03	
11/30/2016	0.03	
2/8/2017	0.033	
4/6/2017	0.033	
6/21/2017	0.03	
10/5/2017	0.028	
3/21/2018	0.03	
10/3/2018	0.028	
3/26/2019	0.03	
9/12/2019	0.035	
3/19/2020	0.032	
9/10/2020	0.031	
4/5/2021	0.029	
8/11/2021	0.031	
2/16/2022	0.03	
8/25/2022	0.031	
2/28/2023	0.032	
8/8/2023	0.035	
3/1/2024	0.036	
8/6/2024	0.037	
2/25/2025		0.038

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	0.0021 (J)	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
2/28/2024	<0.0025	
8/6/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	5.8E-05 (J)	
8/12/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/9/2023	<0.0025	
3/4/2024	<0.0025	
8/7/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	2.3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/7/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.00022 (J)	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3.2E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/7/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025	
6/20/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00018 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00013 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
2/28/2024	<0.0025	
8/6/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	0.001 (J)	
4/30/2011	0.0014 (J)	
10/27/2011	0.0011 (J)	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0016 (J)	
11/7/2013	0.001 (J)	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	0.000379 (J)	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	0.00037 (J)	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.0003 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.001 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036 (J)	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	0.00029 (J)	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0023 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.003 (J)	
6/16/2010	0.0042 (J)	
7/27/2010	0.0048 (J)	
9/7/2010	0.0037 (J)	
4/29/2011	0.0046 (J)	
10/28/2011	0.005	
5/2/2012	0.0052	
11/9/2012	0.0054	
5/8/2013	0.0058	
11/6/2013	0.0062 (J)	
5/20/2014	0.0047 (J)	
11/8/2014	0.0064 (J)	
5/22/2015	0.0059 (J)	
11/9/2015	0.0043 (J)	
4/6/2016	0.00457 (J)	
6/15/2016	0.0042 (J)	
8/10/2016	0.0042	
10/4/2016	0.0052	
11/29/2016	0.004	
2/7/2017	0.004	
4/4/2017	0.0021 (J)	
6/20/2017	0.0046	
10/5/2017	0.005	
3/20/2018	0.0044	
10/2/2018	0.0043	
3/26/2019	0.0046	
9/10/2019	0.0076	
3/18/2020	0.0044	
9/9/2020	0.005	
4/1/2021	0.0053	
8/11/2021	0.0059	
2/15/2022	0.0056	
8/25/2022	0.0056	
2/28/2023	0.0061	
8/3/2023	0.0073	
2/28/2024	0.0071	
8/6/2024	0.008	
2/25/2025		0.0068

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0032 (J)	
6/16/2010	0.0037 (J)	
7/26/2010	0.0058	
9/7/2010	0.0078	
4/29/2011	0.005	
10/28/2011	0.0068	
5/2/2012	0.0065	
11/9/2012	0.006	
5/8/2013	0.0074	
11/6/2013	0.0082 (J)	
5/20/2014	0.0051 (J)	
11/8/2014	0.0074 (J)	
5/22/2015	0.0084 (J)	
11/9/2015	0.009 (J)	
4/6/2016	0.00779 (J)	
6/15/2016	0.0072 (J)	
8/10/2016	0.0068	
10/5/2016	0.0076	
11/29/2016	0.0045	
2/7/2017	0.0067	
4/4/2017	0.0079	
6/20/2017	0.0084	
10/5/2017	0.0061	
3/20/2018	0.006	
10/2/2018	0.0061	
3/26/2019	0.0065	
9/10/2019	0.012	
3/18/2020	0.0083	
9/9/2020	0.0088	
4/1/2021	0.0082	
8/11/2021	0.0089	
2/15/2022	0.0084	
8/24/2022	0.0076	
2/28/2023	0.0083	
8/3/2023	0.0089	
2/28/2024	0.0096	
8/6/2024	0.0086	
2/26/2025		0.0083

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.0077	
6/17/2010	0.0053	
7/27/2010	0.0085	
9/9/2010	0.0076	
4/28/2011	0.0048 (J)	
10/29/2011	0.0093	
5/3/2012	0.01	
11/9/2012	0.009	
5/9/2013	0.0085	
11/5/2013	0.015	
5/23/2014	0.012	
11/13/2014	0.011	
5/23/2015	0.012	
11/11/2015	0.014	
4/12/2016	0.0135	
6/16/2016	0.014	
8/11/2016	0.013	
10/4/2016	0.014	
11/30/2016	0.013	
2/7/2017	0.013	
4/5/2017	0.014	
6/20/2017	0.013	
10/4/2017	0.015	
3/20/2018	0.013	
10/2/2018	0.014	
3/26/2019	0.013	
9/10/2019	0.018	
3/18/2020	0.014	
9/9/2020	0.014	
4/1/2021	0.014	
8/18/2021	0.014	
2/15/2022	0.011	
8/24/2022	0.014	
2/27/2023	0.014	
8/9/2023	0.017	
3/1/2024	0.014	
8/6/2024	0.016	
2/25/2025		0.013

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.005	
7/27/2010	0.01	
9/9/2010	0.0072	
4/28/2011	0.0077	
10/28/2011	0.011	
5/3/2012	0.011	
11/9/2012	0.0089	
5/9/2013	0.0089	
11/5/2013	0.011	
5/22/2014	0.01	
11/13/2014	0.0084 (J)	
5/24/2015	0.0095 (J)	
11/11/2015	0.011	
4/12/2016	0.0122	
6/16/2016	0.011	
8/11/2016	0.01	
10/4/2016	0.011	
11/30/2016	0.0098	
2/7/2017	0.0096	
4/6/2017	0.01	
6/20/2017	0.01	
10/4/2017	0.011	
3/20/2018	0.0099	
10/2/2018	0.01	
3/26/2019	0.0096	
9/10/2019	0.014	
3/18/2020	0.011	
9/9/2020	0.01	
4/1/2021	0.0057	
8/12/2021	0.012	
2/15/2022	0.011	
8/26/2022	0.0095	
2/27/2023	0.012	
8/9/2023	0.012	
3/1/2024	0.011	
8/6/2024	0.012	
2/25/2025		0.0092

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.01	
6/17/2010	0.0087	
7/28/2010	0.028 (O)	
9/7/2010	0.022	
4/29/2011	0.0099	
10/28/2011	0.0089	
5/3/2012	0.0091	
11/9/2012	0.008	
5/10/2013	0.019	
11/6/2013	0.013	
5/22/2014	0.0093 (J)	
11/9/2014	0.0098 (J)	
5/22/2015	0.01	
11/10/2015	0.011	
4/12/2016	0.00925 (J)	
6/20/2016	0.0076 (J)	
8/12/2016	0.0079	
10/5/2016	0.0085	
11/30/2016	0.0086	
2/8/2017	0.011	
4/6/2017	0.0098	
6/21/2017	0.011	
10/5/2017	0.01	
3/21/2018	0.0093	
10/3/2018	0.0081	
3/26/2019	0.0075	
9/10/2019	0.0092	
3/18/2020	0.0049	
9/10/2020	0.0061	
4/6/2021	0.0074	
8/12/2021	0.0085	
2/15/2022	0.0076	
8/25/2022	0.0072	
2/28/2023	0.01	
8/9/2023	0.013	
3/4/2024	0.014	
8/7/2024	0.018	
2/25/2025		0.015

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0046 (J)	
6/17/2010	0.007	
7/28/2010	0.0084	
9/8/2010	0.0071	
4/28/2011	0.008	
10/29/2011	0.0054	
5/3/2012	0.0065	
11/10/2012	0.0059	
5/10/2013	0.0083	
11/6/2013	0.0099 (J)	
5/22/2014	0.0049 (J)	
11/9/2014	0.0068 (J)	
5/22/2015	0.0087 (J)	
11/11/2015	0.0084 (J)	
4/12/2016	0.00419 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.0062	
11/30/2016	0.0043	
2/8/2017	0.0052	
4/6/2017	0.005	
6/22/2017	0.0052	
10/6/2017	0.0049	
3/21/2018	0.0062	
10/3/2018	0.0039	
3/26/2019	0.0084	
9/10/2019	0.0067	
3/19/2020	0.0045	
9/10/2020	0.0055	
4/2/2021	0.0052	
8/12/2021	0.0045	
2/15/2022	0.0041	
8/25/2022	0.0038	
2/27/2023	0.0039	
8/8/2023	0.0049	
2/29/2024	0.0038	
8/7/2024	0.0031	
2/25/2025		0.0025

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.004 (J)	
6/18/2010	0.0056	
7/27/2010	0.0051	
9/9/2010	0.0037 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	0.0026 (J)	
5/4/2012	0.0031 (J)	
11/10/2012	<0.005	
5/9/2013	0.0033 (J)	
11/6/2013	0.0045 (J)	
5/22/2014	0.0035 (J)	
11/9/2014	0.0062 (J)	
5/24/2015	0.012	
11/11/2015	0.0068 (J)	
4/19/2016	0.00368 (J)	
6/22/2016	0.0031 (J)	
8/16/2016	0.0028	
10/6/2016	0.003	
12/1/2016	0.0022 (J)	
2/9/2017	0.0035	
4/6/2017	0.0032	
6/21/2017	0.0031	
10/5/2017	0.0029	
3/22/2018	0.0086	
10/3/2018	0.003	
3/27/2019	0.0039	
9/11/2019	0.0079	
3/18/2020	0.0052	
9/9/2020	0.0048	
4/1/2021	0.0058	
8/12/2021	0.0053	
2/15/2022	0.0061	
8/25/2022	0.0058	
2/28/2023	0.0068	
8/8/2023	0.0066	
2/29/2024	0.0074	
8/6/2024	0.0067	
2/25/2025		0.0057

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	0.0063	
7/27/2010	0.004 (J)	
9/9/2010	0.0053	
4/30/2011	0.0035 (J)	
10/29/2011	0.0048 (J)	
5/4/2012	0.0064	
11/10/2012	0.0084	
5/9/2013	0.0041 (J)	
11/7/2013	0.0077 (J)	
5/21/2014	0.0044 (J)	
11/9/2014	0.0071 (J)	
5/24/2015	0.01	
11/11/2015	0.0053 (J)	
4/12/2016	0.00493 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.004	
11/30/2016	0.0035	
2/9/2017	0.0041	
4/6/2017	0.0038	
6/21/2017	0.004	
10/6/2017	0.0038	
3/21/2018	0.012	
10/3/2018	0.0042	
3/26/2019	0.0044	
9/11/2019	0.0078	
3/18/2020	0.0046	
9/10/2020	0.0049	
4/5/2021	0.005	
8/11/2021	0.005	
2/15/2022	0.0046	
8/25/2022	0.0046	
2/27/2023	0.0047	
8/8/2023	0.0048	
2/29/2024	0.0051	
8/7/2024	0.0046	
2/24/2025		0.0054

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (J)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021	0.0091	
8/11/2021	0.0092	
2/15/2022	0.0088	
8/25/2022	0.0085	
2/27/2023	0.0092	
8/8/2023	0.0094	
2/29/2024	0.012	
8/6/2024	0.02	
11/6/2024	0.02	
2/24/2025		0.024

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.002	
6/19/2010	<0.002	
7/28/2010	0.0034 (J)	
9/8/2010	0.014	
4/30/2011	0.022	
10/27/2011	0.0064	
5/4/2012	0.059 (o)	
11/11/2012	0.011	
5/10/2013	0.038 (O)	
11/7/2013	0.012	
5/21/2014	0.0048 (J)	
11/13/2014	0.023	
5/23/2015	0.015	
11/11/2015	0.016	
4/19/2016	0.0086 (J)	
10/10/2016	0.0052	
12/1/2016	0.0062	
2/9/2017	0.0091	
4/7/2017	<0.002	
6/21/2017	<0.002	
8/15/2017	<0.002	
9/1/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	0.0079	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	0.0013 (J)	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097	
6/16/2010	0.0074	
7/27/2010	0.0068	
9/8/2010	0.007	
4/29/2011	0.0062	
10/27/2011	0.0084	
5/3/2012	0.0099	
11/11/2012	0.0073	
5/9/2013	0.0085	
11/6/2013	0.013	
5/21/2014	0.0097 (J)	
11/12/2014	0.0072 (J)	
5/23/2015	0.0095 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	0.00627 (J)	
6/22/2016	0.0079 (J)	
8/15/2016	0.0075	
10/6/2016	0.0071	
12/1/2016	0.007	
2/8/2017	0.0047	
4/6/2017	0.006	
6/21/2017	0.0071	
10/5/2017	0.008	
3/21/2018	0.0046	
10/2/2018	0.0081	
3/27/2019	0.0064	
9/11/2019	0.012	
3/18/2020	0.0066	
9/9/2020	0.0081	
4/1/2021	0.0018 (J)	
8/12/2021	0.0077	
2/15/2022	0.0079	
8/25/2022	0.0092	
2/27/2023	0.0094	
8/8/2023	0.0085	
3/1/2024	0.0092	
8/6/2024	0.0084	
2/24/2025		0.0029

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.0095	
7/28/2010	0.01	
9/8/2010	0.011	
4/29/2011	0.0096	
10/27/2011	0.011	
5/4/2012	0.01	
11/11/2012	0.01	
5/9/2013	0.011	
11/5/2013	0.015	
5/21/2014	0.013	
11/12/2014	0.012	
5/23/2015	0.014	
11/12/2015	0.016	
4/13/2016	0.0152	
6/21/2016	0.016	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.015	
2/8/2017	0.017	
4/6/2017	0.018	
6/21/2017	0.017	
10/5/2017	0.018	
3/21/2018	0.017	
10/2/2018	0.018	
3/27/2019	0.017	
9/11/2019	0.023	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.02	
8/17/2021	0.042 (o)	
10/18/2021	0.019	
2/15/2022	0.021	
8/25/2022	0.018	
2/21/2023	0.02	
8/9/2023	0.022	
3/1/2024	0.019	
8/6/2024	0.018	
2/24/2025		0.017

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.011	
6/16/2010	0.012	
7/27/2010	0.012	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.0077	
5/4/2012	0.0082	
11/10/2012	0.007	
5/9/2013	0.0079	
11/6/2013	0.011	
5/20/2014	0.0076 (J)	
11/12/2014	0.0071 (J)	
5/24/2015	0.0083 (J)	
11/12/2015	0.0069 (J)	
4/13/2016	0.00804 (J)	
6/21/2016	0.0086 (J)	
8/15/2016	0.0073	
10/5/2016	0.0077	
12/1/2016	0.0075	
2/8/2017	0.0078	
4/6/2017	0.0079	
6/20/2017	0.0078	
10/5/2017	0.0081	
3/21/2018	0.0081	
10/2/2018	0.0075	
3/27/2019	0.007	
9/11/2019	0.011	
3/18/2020	0.0086	
9/10/2020	0.009	
4/1/2021	0.0078	
8/11/2021	0.0078	
2/16/2022	0.0074	
8/25/2022	0.0069	
2/27/2023	0.0082	
8/9/2023	0.0087	
2/29/2024	0.0086	
8/6/2024	0.0072	
2/24/2025		0.0079

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	0.002 (J)	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	0.0031 (J)	
5/20/2014	0.002 (J)	
11/12/2014	<0.002	
5/23/2015	0.0027 (J)	
11/12/2015	0.0022 (J)	
4/13/2016	<0.002	
6/21/2016	0.0012 (J)	
8/15/2016	0.0021 (J)	
10/5/2016	0.0013 (J)	
12/1/2016	0.0015 (J)	
2/8/2017	0.0016 (J)	
4/5/2017	0.0014 (J)	
6/20/2017	0.0015 (J)	
10/5/2017	0.0015 (J)	
3/21/2018	0.0014 (J)	
10/2/2018	0.0012 (J)	
3/26/2019	0.0013 (J)	
9/11/2019	0.0036	
3/18/2020	0.0016 (J)	
9/10/2020	<0.002	
4/1/2021	0.0015 (J)	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	0.002	
8/9/2023	0.0026	
2/29/2024	0.0021	
8/6/2024	0.0014 (J)	
2/24/2025		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.0051	
6/18/2010	0.0043 (J)	
7/29/2010	0.0058	
9/9/2010	0.0052	
4/26/2011	0.0025 (J)	
10/28/2011	0.0035 (J)	
5/4/2012	0.0073	
11/11/2012	0.004 (J)	
5/8/2013	0.006	
11/7/2013	0.0068 (J)	
5/20/2014	0.0039 (J)	
11/12/2014	0.0039 (J)	
5/24/2015	0.004 (J)	
11/12/2015	0.0077 (J)	
4/13/2016	0.0038 (J)	
6/21/2016	0.0035 (J)	
8/15/2016	0.0034	
10/7/2016	0.0037	
12/1/2016	0.0037	
2/9/2017	0.0038	
4/6/2017	0.0039	
6/22/2017	0.0042	
10/6/2017	0.0039	
3/22/2018	0.028 (O)	
10/3/2018	0.0056	
3/26/2019	0.0048	
9/11/2019	0.0075	
3/18/2020	0.008	
9/10/2020	0.0054	
4/6/2021	0.0061	
8/11/2021	0.0051	
2/16/2022	0.005	
8/26/2022	0.0043	
2/27/2023	0.006	
8/9/2023	0.0066	
3/1/2024	0.0059	
8/6/2024	0.0045	
2/24/2025		0.0053

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036 (J)	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
6/21/2016	0.0006 (J)	
8/15/2016	<0.002	
10/4/2016	<0.002	
12/1/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.0038	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	0.0018 (J)	
3/1/2024	0.0022	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.012	
6/16/2010	0.014	
7/26/2010	0.013	
9/7/2010	0.015	
4/29/2011	0.014	
10/28/2011	0.014	
5/2/2012	0.017	
11/9/2012	0.014	
5/8/2013	0.017	
11/6/2013	0.017	
5/23/2014	0.013	
11/8/2014	0.018	
5/22/2015	0.02	
11/10/2015	0.013	
4/11/2016	0.0139	
6/16/2016	0.014	
8/11/2016	0.016	
10/5/2016	0.014	
11/29/2016	0.013	
2/8/2017	0.013	
4/6/2017	0.014	
6/21/2017	0.013	
10/5/2017	0.014	
3/20/2018	0.014	
10/2/2018	0.014	
3/26/2019	0.014	
9/11/2019	0.017	
3/18/2020	0.014	
9/9/2020	0.013	
4/1/2021	0.014	
8/11/2021	0.014	
2/16/2022	0.012	
8/25/2022	0.012	
2/28/2023	0.012	
8/9/2023	0.014	
2/29/2024	0.013	
8/6/2024	0.013	
2/25/2025		0.011

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0039 (J)	
6/16/2010	0.0049 (J)	
7/27/2010	0.0047 (J)	
9/7/2010	0.0057	
4/29/2011	0.0087	
10/28/2011	0.0075	
5/2/2012	0.011	
11/9/2012	0.0076	
5/9/2013	0.0088	
11/6/2013	0.011	
5/22/2014	0.0057 (J)	
11/8/2014	0.013	
5/22/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	0.0082 (J)	
8/11/2016	0.0085	
10/5/2016	0.01	
11/29/2016	0.0087	
2/8/2017	0.0093	
4/5/2017	0.0098	
6/21/2017	0.0094	
10/5/2017	0.0096	
3/20/2018	0.0097	
10/2/2018	0.0097	
3/26/2019	0.0091	
9/12/2019	0.012	
3/19/2020	0.012	
9/9/2020	0.011	
4/5/2021	0.012	
8/11/2021	0.013	
2/16/2022	0.011	
8/25/2022	0.015	
2/28/2023	0.014	
8/8/2023	0.014	
2/29/2024	0.015	
8/6/2024	0.015	
2/25/2025		0.016

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.0063	
6/17/2010	0.0053	
7/27/2010	0.0064	
9/7/2010	0.0078	
4/29/2011	0.0065	
10/28/2011	0.0092	
5/3/2012	0.011	
11/10/2012	0.0073	
5/9/2013	0.0098	
11/6/2013	0.011	
5/22/2014	0.0097 (J)	
11/9/2014	0.012	
5/22/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	0.0087 (J)	
8/11/2016	0.0083	
10/5/2016	0.0094	
11/30/2016	0.0084	
2/8/2017	0.0091	
4/6/2017	0.011	
6/21/2017	0.0081	
10/5/2017	0.0083	
3/21/2018	0.0085	
10/3/2018	0.0091	
3/26/2019	0.0092	
9/12/2019	0.011	
3/19/2020	0.0094	
9/10/2020	0.009	
4/5/2021	0.008	
8/11/2021	0.0087	
2/16/2022	0.0081	
8/25/2022	0.0079	
2/28/2023	0.009	
8/8/2023	0.01	
3/1/2024	0.0088	
8/6/2024	0.0088	
2/25/2025		0.0084

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/6/2016	0.00261 (JO)	
6/15/2016	0.00092 (J)	
8/10/2016	0.00076 (J)	
10/4/2016	0.00081 (J)	
11/30/2016	0.00061 (J)	
2/7/2017	<0.0025	
4/4/2017	0.00084 (J)	
6/20/2017	0.0012 (J)	
10/4/2017	0.00087 (J)	
3/20/2018	0.0018 (J)	
10/2/2018	0.0011 (J)	
3/26/2019	0.0019 (J)	
9/10/2019	0.0012 (J)	
3/18/2020	0.0017 (J)	
9/9/2020	0.0016 (J)	
4/1/2021	0.0024 (J)	
8/11/2021	0.0011 (J)	
2/15/2022	0.0029	
8/25/2022	0.0014 (J)	
2/28/2023	0.0026	
8/3/2023	0.0017 (J)	
3/4/2024	0.0026	
8/6/2024	0.001 (J)	
2/25/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	0.003 (JO)	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	2.2E-05 (J)	
8/10/2016	<0.0025	
10/4/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00031 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	<0.0025	
4/1/2021	0.00014 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
2/28/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	8.4E-05 (J)	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00052 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00019 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
2/28/2024	<0.0025	
8/6/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	0.00017 (J)	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/18/2021	0.00025 (J)	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	1.1E-05 (J)	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00015 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.0002 (J)	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.0034 (JO)	
9/7/2010	<0.0025	
4/29/2011	0.0037 (JO)	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.0001 (J)	
8/12/2016	0.00042 (J)	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	0.00042 (J)	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00028 (J)	
3/18/2020	0.00014 (J)	
9/10/2020	0.00023 (J)	
4/6/2021	0.00031 (J)	
8/12/2021	0.00067 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00046 (J)	
2/28/2023	<0.0025	
8/9/2023	<0.0025	
3/4/2024	<0.0025	
8/7/2024	0.00023 (J)	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.00016 (J)	
8/12/2016	<0.0025	
10/6/2016	0.00068 (J)	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.00096 (J)	
9/10/2019	<0.0025	
3/19/2020	0.00021 (J)	
9/10/2020	0.00032 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/7/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	9.9E-05 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	8.7E-05 (J)	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/7/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025	
6/20/2016	8.6E-05 (J)	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/19/2020	0.00013 (J)	
9/10/2020	0.00038 (J)	
4/1/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.0063 (JO)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (JO)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046 (J)	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	0.00068 (J)	
2/9/2017	0.0009 (J)	
4/7/2017	0.0011 (J)	
6/21/2017	0.00064 (J)	
8/15/2017	0.001 (J)	
9/1/2017	0.00089 (J)	
10/9/2017	0.00085 (J)	
3/22/2018	<0.0025 (O)	
10/4/2018	0.00048 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.00085 (J)	
3/18/2020	0.0027	
9/9/2020	0.0043	
4/5/2021	0.0026	
8/12/2021	0.0019 (J)	
2/15/2022	0.0037	
8/25/2022	0.0021 (J)	
2/27/2023	0.004	
8/8/2023	0.0044	
2/29/2024	0.0031	
8/6/2024	0.0017 (J)	
2/24/2025		0.0018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/3/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/22/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00023 (J)	
4/1/2021	0.00015 (J)	
8/12/2021	0.00013 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00053 (J)	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/17/2021	0.0035	
10/18/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/21/2023	<0.0025	
8/9/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.00033 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00042 (J)	
3/18/2020	0.00013 (J)	
9/10/2020	0.00057 (J)	
4/1/2021	0.00028 (J)	
8/11/2021	0.00033 (J)	
2/16/2022	0.00033 (J)	
8/26/2022	0.00033 (J)	
2/27/2023	<0.0025	
8/9/2023	0.00035 (J)	
2/29/2024	0.00027 (J)	
8/6/2024	0.00029 (J)	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/23/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	0.0032 (JO)	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	8E-05 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00023 (J)	
3/18/2020	0.00018 (J)	
9/9/2020	0.00014 (J)	
4/1/2021	<0.0025	
8/11/2021	0.00021 (J)	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/9/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	9.8E-05 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00014 (J)	
9/9/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	0.00012 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	0.0005 (J)	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00026 (J)	
9/10/2020	0.00018 (J)	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/8/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00095 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00074 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
2/28/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/5/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0012 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/24/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
2/28/2024	<0.002	
8/6/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/13/2014	<0.002	
5/23/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/5/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/18/2021	0.0011 (J)	
2/15/2022	0.0013 (J)	
8/24/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00069 (J)	
8/12/2021	0.00078 (J)	
2/15/2022	0.0013 (J)	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.003 (J)	
6/17/2010	<0.002	
7/28/2010	0.012 (O)	
9/7/2010	0.0026 (J)	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	0.0042 (J)	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0011 (J)	
3/18/2020	<0.002	
9/10/2020	0.00072 (J)	
4/6/2021	0.00088 (J)	
8/12/2021	0.0019 (J)	
2/15/2022	0.0013 (J)	
8/25/2022	0.0013 (J)	
2/28/2023	<0.002	
8/9/2023	<0.002	
3/4/2024	<0.002	
8/7/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	0.0022 (J)	
7/28/2010	0.0033 (J)	
9/8/2010	<0.002	
4/28/2011	0.0037 (J)	
10/29/2011	<0.002	
5/3/2012	0.0031 (J)	
11/10/2012	0.0021 (J)	
5/10/2013	0.0025 (J)	
11/6/2013	0.0032 (J)	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	0.002 (J)	
4/12/2016	<0.002	
10/6/2016	0.0022 (J)	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0039	
9/10/2019	0.0017 (J)	
3/19/2020	<0.002	
9/10/2020	0.0011 (J)	
4/2/2021	0.0012 (J)	
8/12/2021	<0.002	
2/15/2022	0.0011 (J)	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/7/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.002	
6/18/2010	0.0026 (J)	
7/27/2010	0.0029 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	0.0037 (J)	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00066 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/7/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (JO)	
7/28/2010	0.0021 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	0.0022 (J)	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	0.0022 (J)	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/7/2017	<0.002	
10/6/2017	0.0026	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00086 (J)	
3/19/2020	<0.002	
9/10/2020	0.0024	
4/1/2021	0.00094 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.0036 (J)	
6/19/2010	0.004 (J)	
7/28/2010	0.013	
9/8/2010	0.068	
4/30/2011	0.098	
10/27/2011	0.02	
5/4/2012	0.024	
11/11/2012	0.032	
5/10/2013	0.18 (O)	
11/7/2013	0.021	
5/21/2014	0.0089 (J)	
11/13/2014	0.1	
5/23/2015	0.048	
11/11/2015	0.059	
4/19/2016	0.0131 (J)	
10/10/2016	0.0046	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/3/2012	0.0023 (J)	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	0.0038	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.0017 (J)	
2/27/2023	0.0013 (J)	
8/8/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.002	
6/16/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/17/2021	0.0053	
10/18/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	0.0021 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	0.0007 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	0.0024 (J)	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	0.0021 (J)	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	0.0025 (J)	
7/26/2010	0.0023 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00084 (J)	
3/18/2020	<0.002	
9/9/2020	0.00084 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	0.0011 (J)	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	0.0021 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/8/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0021 (J)	
6/16/2010	0.0028 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/2/2012	<0.001	
11/9/2012	0.0024 (J)	
5/8/2013	0.0051	
11/6/2013	0.0033 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0036 (J)	
11/9/2015	0.0039 (J)	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00016 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	0.0021 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0024 (J)	
10/28/2011	0.002 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0034 (J)	
11/6/2013	0.0028 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0032 (J)	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00022 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	0.0026 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0036 (J)	
10/29/2011	0.0038 (J)	
5/3/2012	<0.001	
11/9/2012	0.0024 (J)	
5/9/2013	0.0085	
11/5/2013	0.0042 (J)	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	0.0044 (J)	
11/11/2015	0.0042 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	0.00067 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00023 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	0.00028 (J)	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	0.003 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0037 (J)	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/9/2012	0.003 (J)	
5/9/2013	0.0063	
11/5/2013	0.0043 (J)	
5/22/2014	<0.001	
11/13/2014	0.0021 (J)	
5/24/2015	0.0043 (J)	
11/11/2015	0.0032 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00014 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.011 (O)	
6/17/2010	0.0027 (J)	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0038 (J)	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	0.0029 (J)	
5/10/2013	0.0061	
11/6/2013	0.0025 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0034 (J)	
11/10/2015	0.0021 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	0.00037 (J)	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/9/2023	<0.001	
3/4/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.002 (J)	
4/28/2011	0.0042 (J)	
10/29/2011	0.0036 (J)	
5/3/2012	<0.001	
11/10/2012	0.0023 (J)	
5/10/2013	0.0062	
11/6/2013	0.0043 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0046 (J)	
11/11/2015	0.0028 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00019 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	0.0024 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	0.0028 (J)	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0061	
11/6/2013	0.0034 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0093 (JO)	
11/11/2015	0.0071 (J)	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	0.0034 (J)	
10/29/2011	0.0041 (J)	
5/4/2012	<0.001	
11/10/2012	0.0023 (J)	
5/9/2013	0.0067	
11/7/2013	0.0048 (J)	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0045 (J)	
11/11/2015	0.0048 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	0.0027 (J)	
7/28/2010	<0.001	
9/9/2010	0.002 (J)	
4/30/2011	0.0037 (J)	
10/29/2011	0.0025 (J)	
5/4/2012	<0.001	
11/10/2012	0.003 (J)	
5/9/2013	0.0064	
11/7/2013	0.0037 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0053 (J)	
11/11/2015	0.0022 (J)	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00017 (J)	
4/1/2021	<0.001	
8/11/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.0023 (J)	
4/30/2011	0.011 (O)	
10/27/2011	0.0055	
5/4/2012	0.0029 (J)	
11/11/2012	0.0052	
5/10/2013	0.023 (O)	
11/7/2013	0.0083	
5/21/2014	<0.001	
11/13/2014	0.0085	
5/23/2015	0.0077 (J)	
11/11/2015	0.008 (J)	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	0.00047 (J)	
2/9/2017	0.0012 (J)	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	0.00021 (J)	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	0.003 (J)	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0039 (J)	
10/27/2011	0.0043 (J)	
5/3/2012	<0.001	
11/11/2012	0.0025 (J)	
5/9/2013	0.0067	
11/6/2013	0.0069	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.003 (J)	
11/12/2015	0.0044 (J)	
4/13/2016	<0.001	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.001	
6/16/2010	0.002 (J)	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.003 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/11/2012	0.0022 (J)	
5/9/2013	0.007	
11/5/2013	0.0048 (J)	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.0035 (J)	
11/12/2015	0.0032 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/17/2021	0.00044 (J)	
10/18/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0032 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/10/2012	0.0025 (J)	
5/9/2013	0.0051	
11/6/2013	0.0037 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0037 (J)	
11/12/2015	0.0038 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0017	
9/10/2020	0.00014 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
2/29/2024	0.0012	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021 (J)	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	0.0036 (J)	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/7/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	0.00061 (J)	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	0.0024 (J)	
11/5/2013	0.0028 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/4/2016	<0.001	
12/1/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	0.0023 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0033 (J)	
10/28/2011	0.0023 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0052	
11/6/2013	0.003 (J)	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0023 (J)	
11/10/2015	0.0025 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/9/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	0.0022 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0029 (J)	
10/28/2011	0.0021 (J)	
5/2/2012	<0.001	
11/9/2012	0.002 (J)	
5/9/2013	0.0056	
11/6/2013	0.0035 (J)	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0047 (J)	
11/10/2015	0.0044 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	0.0009 (J)	
6/21/2017	<0.001	
10/5/2017	0.0015	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00014 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.0026 (J)	
6/17/2010	0.0021 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0056	
11/6/2013	0.0032 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0044 (J)	
11/10/2015	0.0038 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	7E-05 (J)	
11/5/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/22/2015	7.2E-05 (J)	
11/11/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	9.3E-05 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	7.4E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	8E-05 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.00012 (J)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
2/28/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	7.8E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	0.00011 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	7.1E-05 (J)	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	0.00011 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.00014 (J)	
10/2/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
2/28/2024	<0.0002	
8/6/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	7.3E-05 (J)	
5/23/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.0001 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	7E-05 (J)	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00011 (J)	
10/2/2018	0.000136 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/18/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0002	
6/19/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	9.3E-05 (J)	
4/28/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/22/2014	<0.0002	
11/13/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00012 (J)	
10/2/2018	<0.0002	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/6/2013	0.00014 (J)	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/9/2023	<0.0002	
3/4/2024	<0.0002	
8/7/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/10/2013	0.00012	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00012 (J)	
10/3/2018	0.00014 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/7/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00016 (J)	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
6/22/2016	<0.0002	
8/16/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/22/2018	9.5E-05 (J)	
10/3/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017 (J)	
4/30/2011	<0.0002	
10/29/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00014 (J)	
11/7/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00011 (J)	
10/3/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
6/2/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/7/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/29/2011	7E-05 (J)	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/7/2013	0.00016 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/20/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	9.9E-05 (J)	
10/4/2018	0.0001445 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/19/2020	0.00011 (J)	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0002	
6/19/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	0.00011 (J)	
4/30/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/7/2013	0.00019 (J)	
5/21/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
10/10/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/21/2017	<0.0002	
8/15/2017	<0.0002	
9/1/2017	<0.0002	
10/9/2017	8.9E-05 (J)	
3/22/2018	9.7E-05 (J)	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/3/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	8.8E-05 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/22/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	8.8E-05 (J)	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000141 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/17/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/21/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00019 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000142 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	8.2E-05 (J)	
6/18/2010	<0.0002	
7/29/2010	<0.0002	
9/9/2010	<0.0002	
4/26/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/8/2013	<0.0002	
11/7/2013	0.0001 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	0.00012 (J)	
10/3/2018	0.0001425 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	9.1E-05 (J)	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	0.00016 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/4/2016	<0.0002	
12/1/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000143 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/8/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	<0.0002	
5/23/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.8E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/9/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/5/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.0002	
10/2/2018	0.0001405 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	8.5E-05 (J)	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.0001415 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	0.00015 (J)	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	0.00202 (J)	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00081 (J)	
3/18/2020	0.00043 (J)	
9/9/2020	0.00069 (J)	
4/1/2021	0.00049 (J)	
8/11/2021	0.00051 (J)	
2/15/2022	0.00065 (J)	
8/25/2022	0.001	
2/28/2023	0.00057 (J)	
8/3/2023	0.00099 (J)	
3/4/2024	<0.001	
8/6/2024	0.00085 (J)	
2/25/2025		0.00072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	0.04 (O)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00037 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/5/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0012	
3/18/2020	<0.001	
9/9/2020	0.00048 (J)	
4/1/2021	0.0004 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	0.00082 (J)	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	0.0086 (O)	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/4/2016	<0.0025	
4/5/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00065 (J)	
3/18/2020	0.00056 (J)	
9/9/2020	0.00047 (J)	
4/1/2021	0.00073 (J)	
8/18/2021	0.0017	
2/15/2022	0.00052 (J)	
8/24/2022	0.00086 (J)	
2/27/2023	0.0013	
8/9/2023	0.0071	
10/4/2023	0.00085 (J)	
3/1/2024	0.00096 (J)	
8/6/2024	0.00059 (J)	
2/25/2025		0.00054 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0033 (JO)	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0025	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021	0.0022	
8/12/2021	0.0028	
2/15/2022	0.0018	
8/26/2022	0.002	
2/27/2023	0.0038	
8/9/2023	0.0017	
3/1/2024	0.0018	
8/6/2024	0.0029	
11/7/2024	0.002	
2/25/2025		0.0016

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0025	
9/10/2019	0.0016	
3/18/2020	0.00091 (J)	
9/10/2020	0.0014	
4/6/2021	0.0018	
8/12/2021	0.0029	
2/15/2022	0.0013	
8/25/2022	0.0024	
2/28/2023	0.0011	
8/9/2023	0.00078 (J)	
3/4/2024	0.0014	
8/7/2024	0.0016	
2/25/2025		0.0016

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.0036	
9/10/2019	0.00079 (J)	
3/19/2020	0.00073 (J)	
9/10/2020	0.0013	
4/2/2021	0.0012	
8/12/2021	0.00076 (J)	
2/15/2022	0.00076 (J)	
8/25/2022	0.0015	
2/27/2023	0.0012	
8/8/2023	0.001	
2/29/2024	0.0015	
8/7/2024	0.0013	
2/25/2025		0.0019

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.006 (O)	
11/11/2015	<0.001	
4/19/2016	0.00268 (J)	
10/6/2016	<0.001	
4/6/2017	0.0018 (J)	
10/5/2017	<0.001	
3/22/2018	0.0019 (J)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.0007 (J)	
3/18/2020	0.00068 (J)	
9/9/2020	0.00039 (J)	
4/1/2021	0.00042 (J)	
8/12/2021	0.00061 (J)	
2/15/2022	0.001	
8/25/2022	0.00071 (J)	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	0.00049 (J)	
8/6/2024	0.00046 (J)	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0034 (J)	
6/18/2010	0.0046 (J)	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0053	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	0.0047 (J)	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00099 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	0.0009 (J)	
4/5/2021	0.00088 (J)	
8/11/2021	0.00074 (J)	
2/15/2022	0.00089 (J)	
8/25/2022	0.0013	
2/27/2023	0.0008 (J)	
8/8/2023	0.00075 (J)	
2/29/2024	0.00098 (J)	
8/7/2024	0.00083 (J)	
2/24/2025		0.00064 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0044 (J)	
11/11/2015	<0.001	
4/13/2016	<0.001	
10/6/2016	<0.001	
4/7/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00046 (J)	
3/19/2020	<0.001	
9/10/2020	0.0007 (J)	
4/1/2021	0.00036 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	0.0015	
2/27/2023	0.01 (o)	
5/2/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.008	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0025	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0025	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0025	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.0013	
3/18/2020	0.0044	
9/9/2020	0.0036	
4/5/2021	0.0058	
8/12/2021	0.0035	
2/15/2022	0.0055	
8/25/2022	0.0053	
2/27/2023	0.007	
5/2/2023	0.0062	
8/8/2023	0.0087	
10/4/2023	0.0052	
2/29/2024	0.0055	
8/6/2024	0.0046	
2/24/2025		0.0046

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021	0.00058 (J)	
8/12/2021	0.00045 (J)	
2/15/2022	<0.001	
8/25/2022	0.0042 (o)	
12/28/2022	0.00068 (J)	
2/27/2023	0.00091 (J)	
8/8/2023	0.00066 (J)	
3/1/2024	0.00086 (J)	
8/6/2024	0.00042 (J)	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	0.00271 (J)	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0025	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021	0.0012	
8/17/2021	0.0094 (o)	
10/18/2021	0.002	
2/15/2022	0.0022	
8/25/2022	0.003	
12/28/2022	0.0017	
2/21/2023	0.0031	
8/9/2023	0.0026	
3/1/2024	0.0048	
5/20/2024	0.0016	
8/6/2024	0.0025	
2/24/2025		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00066 (J)	
3/18/2020	0.0005 (J)	
9/10/2020	0.0012	
4/1/2021	0.00065 (J)	
8/11/2021	0.0006 (J)	
2/16/2022	0.0007 (J)	
8/25/2022	0.00081 (J)	
2/27/2023	0.00085 (J)	
8/9/2023	0.00068 (J)	
2/29/2024	0.00099 (J)	
8/6/2024	0.00086 (J)	
2/24/2025		0.00053 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00084 (J)	
3/18/2020	0.0006 (J)	
9/10/2020	0.00088 (J)	
4/1/2021	0.00065 (J)	
8/11/2021	0.0008 (J)	
2/16/2022	0.00076 (J)	
8/26/2022	0.00096 (J)	
2/27/2023	0.0011	
8/9/2023	0.00094 (J)	
2/29/2024	0.00092 (J)	
8/6/2024	0.0009 (J)	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	<0.001	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	<0.001	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/7/2016	<0.001	
4/6/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00039 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	0.00044 (J)	
4/6/2021	0.00053 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	0.00043 (J)	
3/1/2024	0.00059 (J)	
8/6/2024	0.00046 (J)	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0045 (JO)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00048 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	0.00064 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/9/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021	0.00047 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	0.0017	
2/28/2023	0.0016	
8/8/2023	0.00051 (J)	
2/29/2024	0.00067 (J)	
8/6/2024	0.00053 (J)	
2/25/2025		0.0012

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0063 (O)	
11/10/2015	<0.001	
4/12/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	0.002 (J)	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00098 (J)	
9/10/2020	0.00098 (J)	
4/5/2021	0.00048 (J)	
8/11/2021	0.00056 (J)	
2/16/2022	0.00055 (J)	
8/25/2022	0.00074 (J)	
2/28/2023	<0.001	
8/8/2023	0.00067 (J)	
3/1/2024	0.00059 (J)	
8/6/2024	<0.001	
2/25/2025		0.00061 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	0.00067 (J)	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	0.0043 (J)	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	0.00024 (J)	
2/7/2017	<0.005	
4/4/2017	0.0017	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	0.0044 (J)	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	0.00027 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0053 (J)	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	0.00037 (J)	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	0.00037 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	0.0044 (J)	
11/11/2015	0.0045 (J)	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	0.0023	
6/20/2017	0.00024 (J)	
10/4/2017	<0.005	
3/20/2018	0.00059 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	0.00075 (J)	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	0.00036 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
3/4/2024	<0.005	
8/7/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	0.00029 (J)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023	0.0039 (J)	
8/8/2023	0.0041 (J)	
2/29/2024	0.0042 (J)	
8/7/2024	0.0045 (J)	
2/25/2025		0.0076

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/24/2015	0.013 (J)	
11/11/2015	0.037	
4/19/2016	0.0587	
6/22/2016	0.0435	
8/16/2016	0.029	
10/6/2016	0.027	
12/1/2016	0.029	
2/9/2017	0.031	
4/6/2017	0.043	
6/21/2017	0.052	
10/5/2017	0.038	
3/22/2018	0.038	
10/3/2018	0.021	
3/27/2019	0.023	
9/11/2019	0.0079	
3/18/2020	0.014	
9/9/2020	0.0054	
4/1/2021	0.0065	
8/12/2021	0.0088	
2/15/2022	0.0058	
8/25/2022	0.0043 (J)	
2/28/2023	0.0033 (J)	
8/8/2023	0.003 (J)	
2/29/2024	0.0018 (J)	
8/6/2024	0.0029 (J)	
2/25/2025		0.0013 (J)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.007 (J)	
4/12/2016	<0.005	
6/20/2016	0.00032 (J)	
8/12/2016	0.00035 (J)	
10/6/2016	0.00029 (J)	
11/30/2016	0.00026 (J)	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00031 (J)	
10/6/2017	<0.005	
3/21/2018	0.00038 (J)	
10/3/2018	0.00056 (J)	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0053 (J)	
11/11/2015	0.0049 (J)	
4/13/2016	<0.005	
6/20/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/30/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/10/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0045 (J)	
11/11/2015	0.0043 (J)	
4/19/2016	<0.005	
10/10/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	0.00044 (J)	
10/9/2017	<0.005	
3/22/2018	0.00032 (J)	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	0.0065 (J)	
4/13/2016	<0.005	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.0004 (J)	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	0.0043 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.005 (J)	
11/12/2015	0.0042 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.00031 (J)	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	0.004 (J)	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0052 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	0.00025 (J)	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0041 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0044 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	0.00025 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0003 (J)	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00023 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00049 (J)	
9/9/2020	<0.001	
4/1/2021	0.00027 (J)	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/22/2014	<0.001	
11/13/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00025 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00036 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00037 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	0.0003 (J)	
8/11/2021	0.0002 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	0.00027 (J)	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00019 (J)	
4/1/2021	<0.001	
8/11/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00081 (J)	
8/12/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00016 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/10/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00032 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0035 (J)	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	0.0031	
4/4/2017	<0.002	
10/4/2017	0.0021 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	0.0011	
8/3/2023	<0.002	
3/4/2024	0.00066 (J)	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0049 (J)	
6/16/2010	0.0054 (J)	
7/27/2010	0.0055 (J)	
9/7/2010	0.005 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0081 (J)	
5/2/2012	0.0059 (J)	
11/9/2012	0.0062 (J)	
5/8/2013	0.0079 (J)	
11/6/2013	0.0068 (J)	
5/20/2014	0.0074 (J)	
11/8/2014	0.0097 (J)	
5/22/2015	0.0085 (J)	
11/9/2015	<0.01	
4/6/2016	0.00726 (J)	
10/4/2016	0.013	
4/4/2017	0.0046	
10/5/2017	0.0071	
3/20/2018	0.0067	
10/2/2018	0.0069	
3/26/2019	0.007	
9/10/2019	0.01	
3/18/2020	0.0078	
9/9/2020	0.0072	
4/1/2021	0.0078	
8/11/2021	0.0082	
2/15/2022	0.0077	
8/25/2022	0.0079	
2/28/2023	0.0087	
8/3/2023	0.0086	
2/28/2024	0.0087	
8/6/2024	0.0082	
2/25/2025		0.0069

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0024 (J)	
6/16/2010	0.002 (J)	
7/26/2010	<0.01	
9/7/2010	0.0026 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	<0.01	
5/2/2012	0.003 (J)	
11/9/2012	0.0081 (J)	
5/8/2013	<0.01	
11/6/2013	0.0032 (J)	
5/20/2014	0.0036 (J)	
11/8/2014	0.0065 (J)	
5/22/2015	<0.01	
11/9/2015	0.0047 (J)	
4/6/2016	0.00424 (J)	
10/5/2016	0.0049	
4/4/2017	0.0048	
10/5/2017	0.0024 (J)	
3/20/2018	0.0041	
10/2/2018	0.004	
3/26/2019	0.0051	
9/10/2019	0.0091	
3/18/2020	0.0051	
9/9/2020	0.0053	
4/1/2021	0.005	
8/11/2021	0.0055	
2/15/2022	0.0052	
8/24/2022	0.0051	
2/28/2023	0.0057	
8/3/2023	0.0041	
2/28/2024	0.0056	
8/6/2024	0.0055	
2/26/2025		0.011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.012	
6/17/2010	0.0082 (J)	
7/27/2010	0.0096 (J)	
9/9/2010	0.0098 (J)	
4/28/2011	0.0085 (J)	
10/29/2011	0.011	
5/3/2012	0.013	
11/9/2012	0.013	
5/9/2013	0.012	
11/5/2013	0.015	
5/23/2014	0.015	
11/13/2014	0.02	
5/23/2015	0.018	
11/11/2015	0.018	
4/12/2016	0.0173	
10/4/2016	0.021	
4/5/2017	0.017	
10/4/2017	0.02	
3/20/2018	0.016	
10/2/2018	0.017	
3/26/2019	0.017	
9/10/2019	0.02	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.019	
8/18/2021	0.018	
2/15/2022	0.018	
8/24/2022	0.017	
2/27/2023	0.019	
8/9/2023	0.019	
3/1/2024	0.018	
8/6/2024	0.019	
2/25/2025		0.017

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0078 (J)	
6/19/2010	<0.01	
7/27/2010	0.0096 (J)	
9/9/2010	0.0095 (J)	
4/28/2011	0.01	
10/28/2011	0.014	
5/3/2012	0.013	
11/9/2012	0.012	
5/9/2013	0.012	
11/5/2013	0.014	
5/22/2014	0.013	
11/13/2014	0.016	
5/24/2015	0.014	
11/11/2015	0.014	
4/12/2016	0.0155	
10/4/2016	0.017	
4/6/2017	0.015	
10/4/2017	0.015	
3/20/2018	0.014	
10/2/2018	0.015	
3/26/2019	0.016	
9/10/2019	0.018	
3/18/2020	0.016	
9/9/2020	0.014	
4/1/2021	0.014	
8/12/2021	0.016	
2/15/2022	0.016	
8/26/2022	0.015	
2/27/2023	0.016	
8/9/2023	0.016	
3/1/2024	0.015	
8/6/2024	0.016	
2/25/2025		0.013

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.0046 (J)	
6/17/2010	0.0046 (J)	
7/28/2010	0.019 (O)	
9/7/2010	0.0072 (J)	
4/29/2011	0.0052 (J)	
10/28/2011	0.0059 (J)	
5/3/2012	0.0049 (J)	
11/9/2012	0.007 (J)	
5/10/2013	0.0094 (J)	
11/6/2013	0.0059 (J)	
5/22/2014	0.0057 (J)	
11/9/2014	0.0069 (J)	
5/22/2015	0.006 (J)	
11/10/2015	0.011	
4/12/2016	0.00503 (J)	
10/5/2016	0.0072	
4/6/2017	0.0056	
10/5/2017	0.0061	
3/21/2018	0.0097	
10/3/2018	0.0053	
3/26/2019	0.0076	
9/10/2019	0.0078	
3/18/2020	0.0051	
9/10/2020	0.0061	
4/6/2021	0.0075	
8/12/2021	0.0087	
2/15/2022	0.0064	
8/25/2022	0.0072	
2/28/2023	0.0066	
8/9/2023	0.0057	
3/4/2024	0.0051	
8/7/2024	0.0054	
2/25/2025		0.0042

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0068 (J)	
6/17/2010	0.0079 (J)	
7/28/2010	0.0077 (J)	
9/8/2010	0.0077 (J)	
4/28/2011	0.0099 (J)	
10/29/2011	0.006 (J)	
5/3/2012	0.0084 (J)	
11/10/2012	0.0061 (J)	
5/10/2013	0.009 (J)	
11/6/2013	0.0089 (J)	
5/22/2014	0.0084 (J)	
11/9/2014	0.0076 (J)	
5/22/2015	0.011	
11/11/2015	0.0034 (J)	
4/12/2016	0.00654 (J)	
10/6/2016	0.0086	
4/6/2017	0.0073	
10/6/2017	0.0087	
3/21/2018	0.0058	
10/3/2018	0.006	
3/26/2019	0.011	
9/10/2019	0.0086	
3/19/2020	0.0065	
9/10/2020	0.0068	
4/2/2021	0.0081	
8/12/2021	0.007	
2/15/2022	0.0059	
8/25/2022	0.0059	
2/27/2023	0.0056	
8/8/2023	0.0056	
2/29/2024	0.0049	
8/7/2024	0.0038	
2/25/2025		0.0041

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.0038 (J)	
6/18/2010	0.0044 (J)	
7/27/2010	0.0054 (J)	
9/9/2010	0.0053 (J)	
4/29/2011	0.0039 (J)	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0035 (J)	
5/9/2013	0.004 (J)	
11/6/2013	0.0034 (J)	
5/22/2014	0.0047 (J)	
11/9/2014	0.0067 (J)	
5/24/2015	0.0033 (J)	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0025	
3/22/2018	0.0018 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.002 (J)	
9/11/2019	0.0047	
3/18/2020	0.002	
9/9/2020	0.002	
4/1/2021	0.0027	
8/12/2021	0.0021	
2/15/2022	0.0026	
8/25/2022	0.0026	
2/28/2023	0.003	
8/8/2023	0.0018 (J)	
2/29/2024	0.0029	
8/6/2024	0.0023	
2/25/2025		0.0023

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0055 (J)	
6/18/2010	0.0071 (J)	
7/27/2010	0.0085 (J)	
9/9/2010	0.0088 (J)	
4/30/2011	0.0094 (J)	
10/29/2011	0.009 (J)	
5/4/2012	0.0084 (J)	
11/10/2012	0.0089 (J)	
5/9/2013	0.0071 (J)	
11/7/2013	0.0094 (J)	
5/21/2014	0.0082 (J)	
11/9/2014	0.013	
5/24/2015	0.009 (J)	
11/11/2015	0.0052 (J)	
4/12/2016	0.00896 (J)	
10/6/2016	0.009	
4/6/2017	0.0089	
10/6/2017	0.011	
3/21/2018	0.0077	
10/3/2018	0.0081	
3/26/2019	0.012	
9/11/2019	0.012	
3/18/2020	0.0099	
9/10/2020	0.0094	
4/5/2021	0.0091	
8/11/2021	0.0099	
2/15/2022	0.0094	
8/25/2022	0.011	
2/27/2023	0.0097	
8/8/2023	0.0094	
2/29/2024	0.0093	
8/7/2024	0.0091	
2/24/2025		0.011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.011	
6/18/2010	0.017	
7/28/2010	0.012	
9/9/2010	0.013	
4/30/2011	0.012	
10/29/2011	0.013	
5/4/2012	0.012	
11/10/2012	0.012	
5/9/2013	0.013	
11/7/2013	0.014	
5/21/2014	0.013	
11/12/2014	0.015	
5/24/2015	0.015	
11/11/2015	0.0055 (J)	
4/13/2016	0.0127	
10/6/2016	0.012	
4/7/2017	0.013	
10/6/2017	0.015	
3/22/2018	0.012	
10/4/2018	0.012	
3/27/2019	0.013	
9/11/2019	0.015	
3/19/2020	0.014	
9/10/2020	0.014	
4/1/2021	0.014	
8/11/2021	0.013	
2/15/2022	0.013	
8/25/2022	0.014	
2/27/2023	0.014	
8/8/2023	0.012	
2/29/2024	0.013	
8/6/2024	0.013	
2/24/2025		0.013

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.013	
6/19/2010	0.0075 (J)	
7/28/2010	0.01	
9/8/2010	0.038	
4/30/2011	0.053 (O)	
10/27/2011	0.016	
5/4/2012	0.018	
11/11/2012	0.025	
5/10/2013	0.09 (O)	
11/7/2013	0.02	
5/21/2014	0.016	
11/13/2014	0.065 (O)	
5/23/2015	0.032	
11/11/2015	0.033	
4/19/2016	0.0233	
10/10/2016	0.019	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.002	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.002	
4/5/2021	0.0023	
8/12/2021	<0.002	
2/15/2022	0.00079 (J)	
8/25/2022	0.0023	
2/27/2023	0.0019	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097 (J)	
6/16/2010	0.01	
7/27/2010	0.012	
9/8/2010	0.013	
4/29/2011	0.0097 (J)	
10/27/2011	0.015	
5/3/2012	0.017	
11/11/2012	0.017	
5/9/2013	0.014	
11/6/2013	0.019	
5/21/2014	0.016	
11/12/2014	0.022	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0144	
10/6/2016	0.02	
4/6/2017	0.016	
10/5/2017	0.024	
3/21/2018	0.018	
10/2/2018	0.021	
3/27/2019	0.019	
9/11/2019	0.025	
3/18/2020	0.012	
9/9/2020	0.022	
4/1/2021	0.0095	
8/12/2021	0.02	
2/15/2022	0.017	
8/25/2022	0.025	
2/27/2023	0.018	
8/8/2023	0.019	
3/1/2024	0.016	
8/6/2024	0.02	
2/24/2025		0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.01	
7/28/2010	0.011	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.014	
5/4/2012	0.0096 (J)	
11/11/2012	0.011	
5/9/2013	0.011	
11/5/2013	0.013	
5/21/2014	0.012	
11/12/2014	0.016	
5/23/2015	0.011	
11/12/2015	0.0053 (J)	
4/13/2016	0.0124	
10/5/2016	0.013	
4/6/2017	0.013	
10/5/2017	0.015	
3/21/2018	0.012	
10/2/2018	0.012	
3/27/2019	0.012	
9/11/2019	0.017	
3/18/2020	0.013	
9/9/2020	0.012	
4/1/2021	0.013	
8/17/2021	0.026	
10/18/2021	0.013	
2/15/2022	0.012	
8/25/2022	0.011	
2/21/2023	0.012	
8/9/2023	0.013	
3/1/2024	0.013	
8/6/2024	0.01	
2/24/2025		0.013

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.009 (J)	
6/16/2010	0.0089 (J)	
7/27/2010	0.0089 (J)	
9/8/2010	0.009 (J)	
4/29/2011	0.0082 (J)	
10/27/2011	0.009 (J)	
5/4/2012	0.0091 (J)	
11/10/2012	0.0096 (J)	
5/9/2013	0.01	
11/6/2013	0.01	
5/20/2014	0.011	
11/12/2014	0.012	
5/24/2015	0.012	
11/12/2015	<0.01	
4/13/2016	0.00976 (J)	
10/5/2016	0.013	
4/6/2017	0.011	
10/5/2017	0.013	
3/21/2018	0.0098	
10/2/2018	0.01	
3/27/2019	0.012	
9/11/2019	0.015	
3/18/2020	0.011	
9/10/2020	0.01	
4/1/2021	0.011	
8/11/2021	0.011	
2/16/2022	0.0099	
8/25/2022	0.0099	
2/27/2023	0.012	
8/9/2023	0.0099	
2/29/2024	0.011	
8/6/2024	0.0089	
2/24/2025		0.011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0032 (J)	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/5/2017	<0.002	
10/5/2017	0.0022 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	0.0014	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		0.00072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	0.0039 (J)	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.004 (J)	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	0.0032	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0041	
9/11/2019	0.0062	
3/18/2020	0.001	
9/10/2020	0.0011	
4/6/2021	0.0028	
8/11/2021	0.0013	
2/16/2022	0.0011	
8/26/2022	0.0016	
2/27/2023	0.0021	
8/9/2023	0.0016 (J)	
3/1/2024	0.0011 (J)	
8/6/2024	<0.002	
2/24/2025		0.0022

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/4/2016	0.0026	
4/6/2017	<0.002	
10/5/2017	0.0024 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013	
8/11/2021	0.0012	
2/16/2022	0.00091 (J)	
8/26/2022	0.0017	
2/27/2023	0.002	
8/9/2023	0.00079 (J)	
3/1/2024	<0.002	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.0052 (J)	
6/16/2010	0.0059 (J)	
7/26/2010	0.0052 (J)	
9/7/2010	0.0056 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0048 (J)	
5/2/2012	0.0057 (J)	
11/9/2012	0.0057 (J)	
5/8/2013	0.0069 (J)	
11/6/2013	0.0052 (J)	
5/23/2014	0.0081 (J)	
11/8/2014	0.01	
5/22/2015	0.0052 (J)	
11/10/2015	<0.01	
4/11/2016	0.00604 (J)	
10/5/2016	0.0075	
4/6/2017	0.0065	
10/5/2017	0.0052	
3/20/2018	0.0064	
10/2/2018	0.0064	
3/26/2019	0.0094	
9/11/2019	0.011	
3/18/2020	0.0075	
9/9/2020	0.007	
4/1/2021	0.0081	
8/11/2021	0.008	
2/16/2022	0.0066	
8/25/2022	0.007	
2/28/2023	0.0072	
8/9/2023	0.0061	
2/29/2024	0.0069	
8/6/2024	0.0066	
2/25/2025		0.006

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0064 (J)	
6/16/2010	0.0061 (J)	
7/27/2010	0.006 (J)	
9/7/2010	0.0066 (J)	
4/29/2011	0.0066 (J)	
10/28/2011	0.0057 (J)	
5/2/2012	0.006 (J)	
11/9/2012	0.0073 (J)	
5/9/2013	0.0069 (J)	
11/6/2013	0.0077 (J)	
5/22/2014	0.0075 (J)	
11/8/2014	0.0081 (J)	
5/22/2015	0.01	
11/10/2015	0.0033 (J)	
4/11/2016	0.00756 (J)	
10/5/2016	0.0084	
4/5/2017	0.0086	
10/5/2017	0.0062	
3/20/2018	0.0072	
10/2/2018	0.0073	
3/26/2019	0.0094	
9/12/2019	0.0083	
3/19/2020	0.008	
9/9/2020	0.0071	
4/5/2021	0.0068	
8/11/2021	0.0076	
2/16/2022	0.0068	
8/25/2022	0.0068	
2/28/2023	0.0078	
8/8/2023	0.007	
2/29/2024	0.0078	
8/6/2024	0.0075	
2/25/2025		0.0067

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.014	
6/17/2010	0.014	
7/27/2010	0.016	
9/7/2010	0.017	
4/29/2011	0.015	
10/28/2011	0.016	
5/3/2012	0.016	
11/10/2012	0.018	
5/9/2013	0.019	
11/6/2013	0.019	
5/22/2014	0.018	
11/9/2014	0.02	
5/22/2015	0.016	
11/10/2015	0.01	
4/12/2016	0.019	
10/5/2016	0.016	
4/6/2017	0.02	
10/5/2017	0.02	
3/21/2018	0.021	
10/3/2018	0.017	
3/26/2019	0.018	
9/12/2019	0.02	
3/19/2020	0.019	
9/10/2020	0.018	
4/5/2021	0.017	
8/11/2021	0.019	
2/16/2022	0.018	
8/25/2022	0.018	
2/28/2023	0.019	
8/8/2023	0.018	
3/1/2024	0.019	
8/6/2024	0.017	
2/25/2025		0.016

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		0.0034 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0047 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	0.0035 (J)	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	0.00274 (J)	
10/5/2016	0.0073 (J)	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0084	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/5/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	0.0039 (J)	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	0.004 (J)	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	0.01	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	0.0046 (J)	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.018 (JO)	
6/17/2010	<0.005	
7/28/2010	0.016 (JO)	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	0.01 (JO)	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0069	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	0.0035 (J)	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
3/4/2024	<0.005	
8/7/2024	0.0028 (J)	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	0.00203 (J)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0089 (J)	
4/19/2016	0.0133 (O)	
10/6/2016	<0.005	
4/6/2017	0.0087 (J)	
10/5/2017	0.0078 (J)	
3/22/2018	0.0086 (J)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/18/2020	0.0045 (J)	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	0.0034 (J)	
2/15/2022	0.0034 (J)	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0062	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/6/2016	<0.005	
4/7/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	0.0037 (J)	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	0.0081 (J)	
7/28/2010	0.017 (J)	
9/8/2010	0.085	
4/30/2011	0.13 (O)	
10/27/2011	0.03	
5/4/2012	0.029	
11/11/2012	0.046	
5/10/2013	0.23 (O)	
11/7/2013	0.028	
5/21/2014	0.015 (J)	
11/13/2014	0.13 (O)	
5/23/2015	0.059	
11/11/2015	0.079	
4/19/2016	0.0218	
10/10/2016	0.013 (J)	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	0.016	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0037 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	0.013	
10/18/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		0.0097

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00241 (J)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.007 (J)	
10/2/2018	0.022 (O)	
3/27/2019	<0.005	
9/11/2019	0.0072	
3/18/2020	<0.005	
9/10/2020	0.018	
4/1/2021	0.0034 (J)	
8/11/2021	<0.005	
2/16/2022	0.0034 (J)	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	0.0036 (J)	
8/6/2024	0.0033 (J)	
2/24/2025		0.0031 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00409 (J)	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0065	
3/18/2020	0.005	
9/10/2020	0.0037 (J)	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	0.0032 (J)	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	0.0028 (J)	
2/24/2025		0.0029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00289 (J)	
10/7/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	0.0071 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0085	
3/18/2020	0.0052	
9/10/2020	0.0038 (J)	
4/6/2021	0.004 (J)	
8/11/2021	<0.005	
2/16/2022	0.004 (J)	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	0.0031 (J)	
3/1/2024	<0.005	
8/6/2024	0.003 (J)	
2/24/2025		0.0036 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	0.024	
5/7/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:28 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0077	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	0.0032 (J)	
8/6/2024	<0.005	
2/25/2025		0.003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:28 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (JO)	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0059	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:28 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0065	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	0.0063	
2/28/2023	<0.005	
8/8/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-3	10.92	n/a	2/25/2025	11	Yes	23	7.67	1.362	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	2/25/2025	46	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	21.45	n/a	2/24/2025	23	Yes	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	17.69	n/a	2/24/2025	19	Yes	24	14.66	1.279	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	23	n/a	2/24/2025	34	Yes	25	n/a	n/a	0	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-12	1.505	n/a	2/24/2025	1.7	Yes	23	1.11	0.1658	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	2/25/2025	18	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	17.52	n/a	2/25/2025	18	Yes	23	14.07	1.448	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	2/25/2025	28	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	4.9	n/a	2/24/2025	6.5	Yes	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-9	5.188	n/a	2/24/2025	6.3	Yes	23	3.815	0.5757	0	None	No	0.0004426	Param Intra 1 of 2
pH, Field (SU)	GWA-16	6.63	5.63	2/25/2025	6.76	Yes	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-17	6.524	5.455	2/26/2025	6.65	Yes	37	5.99	0.2393	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	2/24/2025	6.5	Yes	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-7	6.628	5.958	2/24/2025	6.67	Yes	39	1595	150.8	0	None	x^4	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	2/24/2025	7.14	Yes	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-18	6.54	5.74	2/25/2025	6.69	Yes	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	2/25/2025	20	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/25/2025	150	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	22.26	n/a	2/24/2025	30	Yes	24	3.352	0.5775	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1.5	n/a	2/24/2025	3.5	Yes	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	2/24/2025	19	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-3	116.7	n/a	2/25/2025	130	Yes	23	81.7	14.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-4	178.1	n/a	2/25/2025	350	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.13	n/a	2/25/2025	0.029J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.385	n/a	2/25/2025	0.14	No	12	0.2158	0.05992	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.085	n/a	2/24/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.2935	n/a	2/24/2025	0.17	No	23	0.1811	0.0471	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.134	n/a	2/24/2025	0.056J	No	23	0.08873	0.01896	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	2/24/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.12	n/a	2/25/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.275	n/a	2/25/2025	4.1	No	23	4.201	0.4501	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.37	n/a	2/25/2025	13	No	23	12	1.415	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.826	n/a	2/26/2025	7.4	No	23	7.203	1.099	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.23	n/a	2/25/2025	17	No	23	17.34	1.209	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.27	n/a	2/25/2025	17	No	23	17.47	1.174	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-3**	**10.92**	**n/a**	**2/25/2025**	**11**	**Yes**	**23**	**7.67**	**1.362**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**2/25/2025**	**46**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-5	68.6	n/a	2/25/2025	25	No	11	6.178	0.7155	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-6**	**21.45**	**n/a**	**2/24/2025**	**23**	**Yes**	**24**	**17.3**	**1.753**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**2/24/2025**	**19**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-8A	44.79	n/a	2/24/2025	42	No	11	26.36	6.265	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-9**	**23**	**n/a**	**2/24/2025**	**34**	**Yes**	**25**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002832**	**NP Intra (normality) 1 of 2**
Calcium (mg/L)	GWC-10	22.03	n/a	2/24/2025	20	No	23	17.52	1.888	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	14	n/a	2/24/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-12**	**1.505**	**n/a**	**2/24/2025**	**1.7**	**Yes**	**23**	**1.11**	**0.1658**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-13	8.967	n/a	2/24/2025	7.9	No	23	6.802	0.9074	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	8.188	n/a	2/25/2025	7.2	No	23	6.673	0.6347	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	11.6	n/a	2/25/2025	10	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**2/25/2025**	**18**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**2/25/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-15	7.469	n/a	2/25/2025	5.7	No	23	1.752	0.1086	0	None	ln(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	1.999	n/a	2/25/2025	1.6	No	23	1.656	0.1436	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	1.969	n/a	2/26/2025	1.5	No	23	1.226	0.07433	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.625	n/a	2/25/2025	3.9	No	23	3.844	0.3272	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.676	n/a	2/25/2025	2.1	No	23	2.18	0.2078	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.825	n/a	2/25/2025	2.4	No	23	3.119	0.2958	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**2/25/2025**	**28**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-5	62.84	n/a	2/25/2025	4.9J	No	13	4.18	1.357	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.235	n/a	2/24/2025	6.1	No	23	6.047	0.9174	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**2/24/2025**	**6.5**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWC-8A	10.3	n/a	2/24/2025	6.8	No	23	7.752	1.069	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-9**	**5.188**	**n/a**	**2/24/2025**	**6.3**	**Yes**	**23**	**3.815**	**0.5757**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-10	5.2	n/a	2/24/2025	4.6	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.137	n/a	2/24/2025	1.8	No	23	1.799	0.1415	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.241	n/a	2/24/2025	2.1	No	23	1.813	0.1792	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-13	1.927	n/a	2/24/2025	1.5	No	23	1.557	0.1547	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	4.514	n/a	2/25/2025	4.3	No	23	1.782	0.1435	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	3.135	n/a	2/25/2025	2.8	No	23	2.623	0.2145	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	3.243	n/a	2/25/2025	2.7	No	23	2.097	0.4799	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.496	n/a	2/25/2025	2.4	No	23	8.458	2.969	4.348	None	x^3	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.077	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.089	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.083	n/a	2/26/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1306	n/a	2/25/2025	0.01ND	No	25	0.005705	0.004832	24	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.072	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-3	0.092	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-4	0.1443	n/a	2/25/2025	0.005ND	No	23	0.009012	0.004953	8.696	None	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.16	n/a	2/25/2025	0.01ND	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.1	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2021	n/a	2/24/2025	0.005ND	No	23	0.08952	0.04719	8.696	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.096	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	39.13	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-10	0.099	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-11	0.071	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.046	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.06	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.068	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.12	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.079	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.089	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	GWA-15	5.921	4.962	2/25/2025	5.43	No	38	5.442	0.2152	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	**GWA-16**	**6.63**	**5.63**	**2/25/2025**	**6.76**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002723**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWA-17**	**6.524**	**5.455**	**2/26/2025**	**6.65**	**Yes**	**37**	**5.99**	**0.2393**	**0**	**None**	**No**	**0.0002213**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-1	6.816	6.185	2/25/2025	6.77	No	40	6.5	0.1424	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-2	7	5.79	2/25/2025	6.49	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-3	6.271	5.576	2/25/2025	5.93	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	2/25/2025	6.17	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-5	6.369	5.386	2/25/2025	6.16	No	38	5.878	0.2204	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	**GWC-6**	**6.48**	**5.5**	**2/24/2025**	**6.5**	**Yes**	**40**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002317**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWC-7**	**6.628**	**5.958**	**2/24/2025**	**6.67**	**Yes**	**39**	**1595**	**150.8**	**0**	**None**	**x^4**	**0.0002213**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-8A	7.26	5.93	2/24/2025	6.75	No	43	n/a	n/a	0	n/a	n/a	0.002074	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-9**	**6.82**	**5.97**	**2/24/2025**	**7.14**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-10	6.66	5.96	2/24/2025	6.27	No	42	6.31	0.1585	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-11	6.38	5.58	2/24/2025	6.14	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-12	5.556	4.459	2/24/2025	5.18	No	38	3529	792.6	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-13	6.21	4.93	2/24/2025	5.9	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-14	6.11	4.87	2/25/2025	5.57	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-18**	**6.54**	**5.74**	**2/25/2025**	**6.69**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002588**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-19	6.79	5.87	2/25/2025	6.59	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-20	6.826	6.137	2/25/2025	6.55	No	41	77297	10790	0	None	x^6	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.661	n/a	2/25/2025	3.6	No	23	1.402	0.9467	30.43	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWA-16	1.4	n/a	2/25/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1.3	n/a	2/26/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1.475	n/a	2/25/2025	0.48J	No	23	0.8815	0.1397	34.78	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	1.393	n/a	2/25/2025	0.4J	No	23	0.7193	0.2825	43.48	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**2/25/2025**	**20**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**2/25/2025**	**150**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-5	194.5	n/a	2/25/2025	58	No	11	105.8	30.15	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**2/24/2025**	**30**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**2/24/2025**	**3.5**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-8A	52.2	n/a	2/24/2025	21	No	23	26.37	10.83	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-9**	**18.9**	**n/a**	**2/24/2025**	**19**	**Yes**	**19**	**3.156**	**0.4807**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-10	6.536	n/a	2/24/2025	4.3	No	26	1.372	0.5072	11.54	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	2/24/2025	1ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	2/24/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.452	n/a	2/24/2025	0.41J	No	22	0.849	0.2507	50	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-14	1.2	n/a	2/25/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1.8	n/a	2/25/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.9	n/a	2/25/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1.4	n/a	2/25/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWA-15	83.74	n/a	2/25/2025	52	No	23	41.78	17.59	8.696	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWA-16	146.4	n/a	2/25/2025	110	No	23	98.43	20.08	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWA-17	130	n/a	2/26/2025	81	No	23	73.87	23.54	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-1	169.9	n/a	2/25/2025	150	No	23	135.1	14.61	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-2	173.5	n/a	2/25/2025	130	No	23	15773	6005	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-3**	**116.7**	**n/a**	**2/25/2025**	**130**	**Yes**	**23**	**81.7**	**14.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**2/25/2025**	**350**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-5	487.4	n/a	2/25/2025	200	No	11	280.9	70.21	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-6	183.3	n/a	2/24/2025	160	No	23	145.7	15.73	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-7	159.4	n/a	2/24/2025	150	No	23	122	15.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-8A	393.1	n/a	2/24/2025	260	No	22	241.8	62.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-9	199.9	n/a	2/24/2025	180	No	23	21860	7584	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-10	183.6	n/a	2/24/2025	150	No	22	135.8	19.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-11	140.3	n/a	2/24/2025	110	No	22	101.4	16.17	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-12	80.53	n/a	2/24/2025	31	No	23	2.578	0.7293	17.39	Kaplan-Meier	x^(1/3)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-13	112.5	n/a	2/24/2025	86	No	22	63.45	20.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-14	99.68	n/a	2/25/2025	66	No	23	58.17	17.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-18	126.9	n/a	2/25/2025	99	No	23	87.43	16.53	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-19	175	n/a	2/25/2025	140	No	23	103.7	29.86	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-20	150.8	n/a	2/25/2025	110	No	23	109.7	17.22	0	None	No	0.0004426	Param Intra 1 of 2

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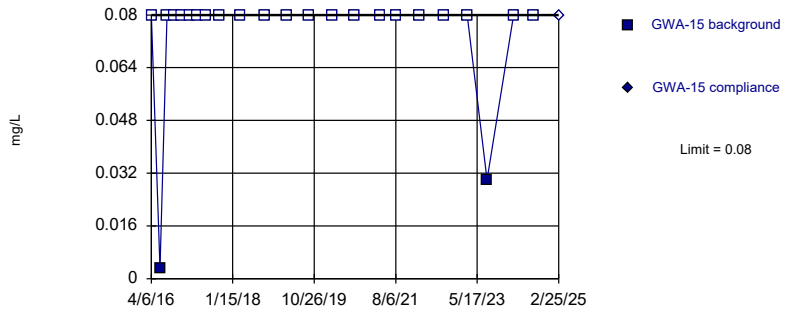
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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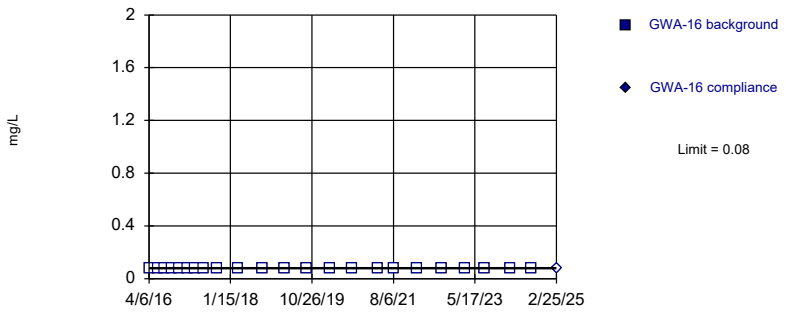
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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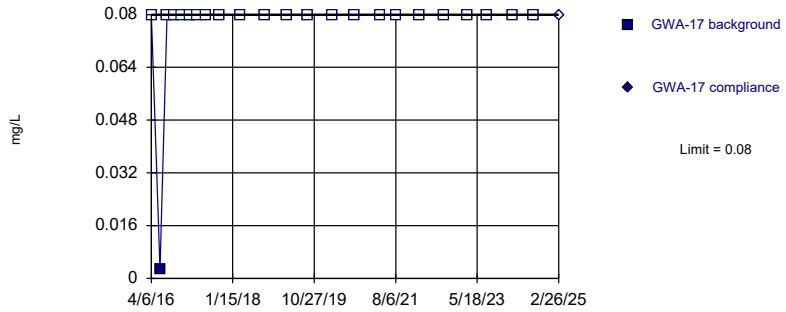
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell
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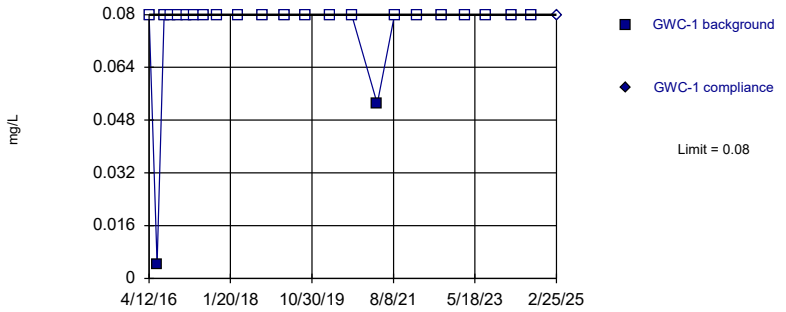
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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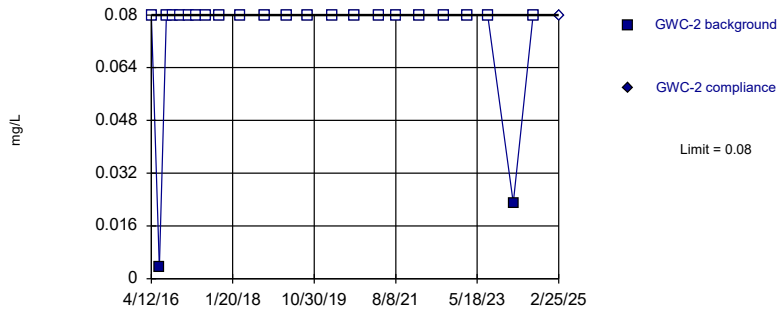
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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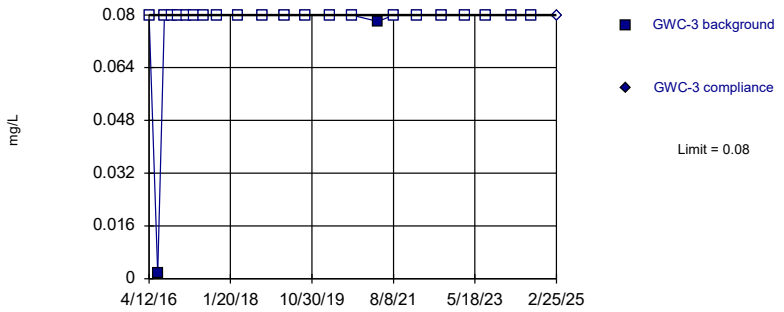
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

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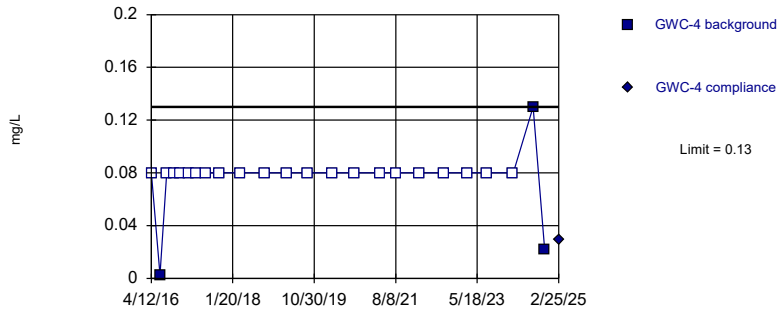
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

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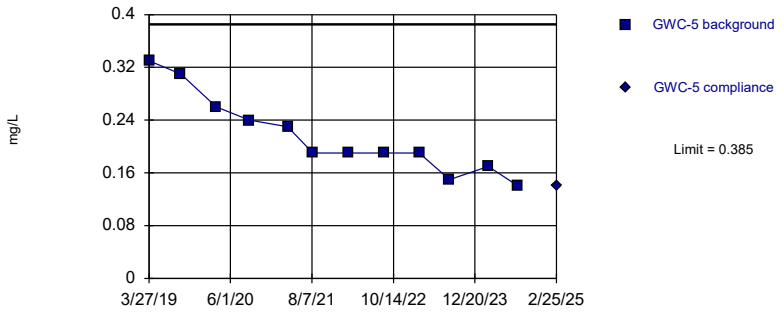
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2158, Std. Dev.=0.05992, n=12. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9138, critical = 0.859. Kappa = 2.824 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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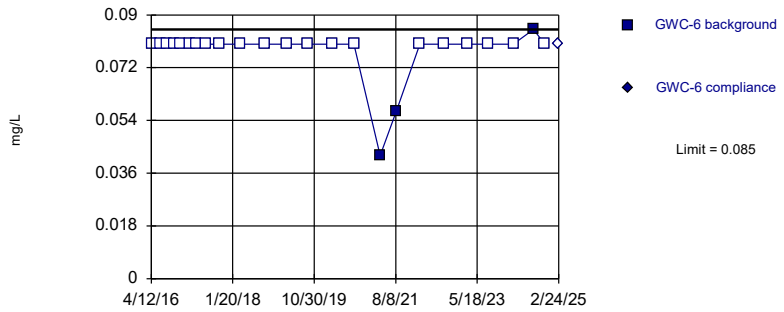
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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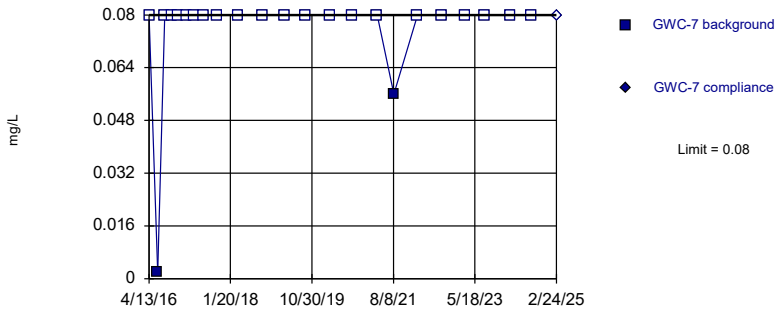
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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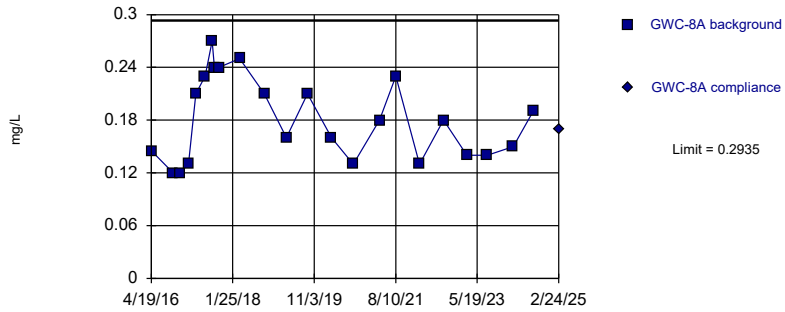
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1811, Std. Dev.=0.0471, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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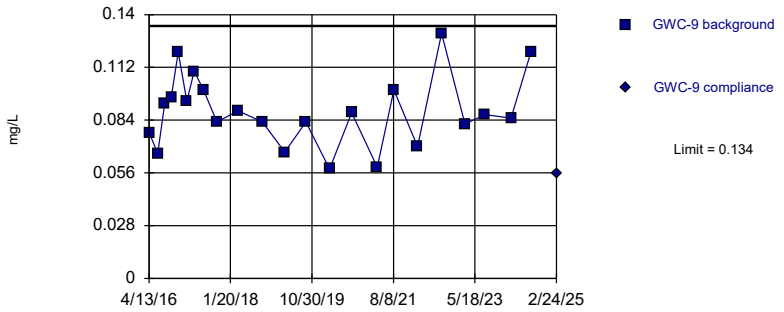
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08873, Std. Dev.=0.01896, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9614, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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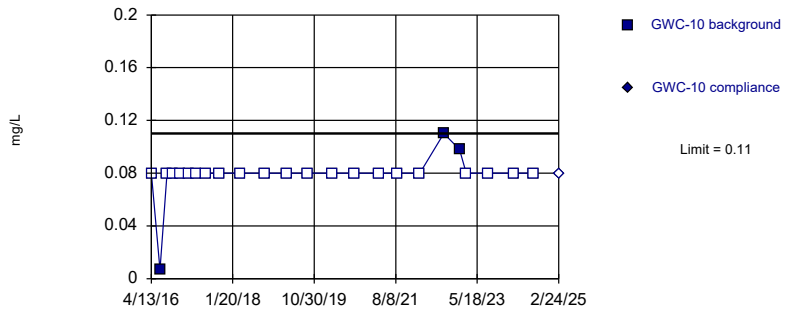
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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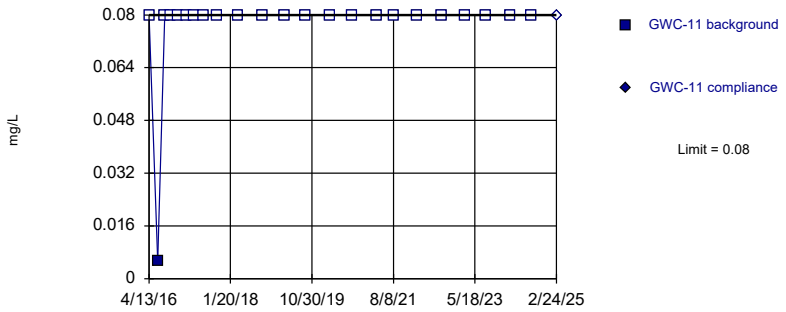
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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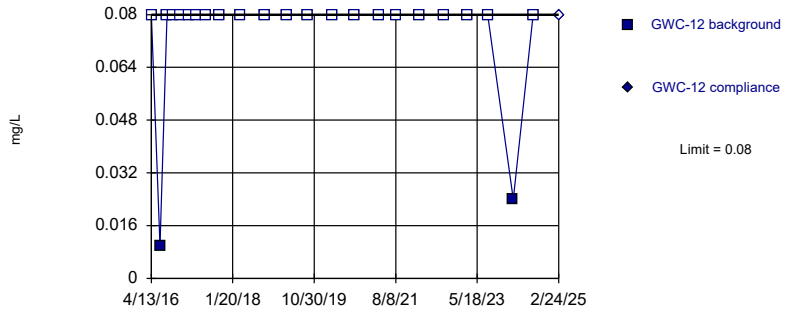
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

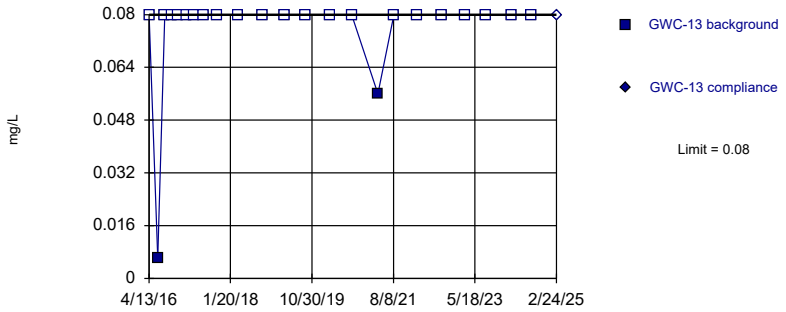
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

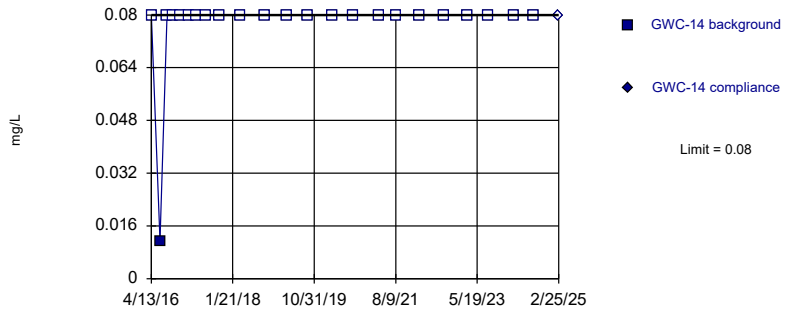
Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



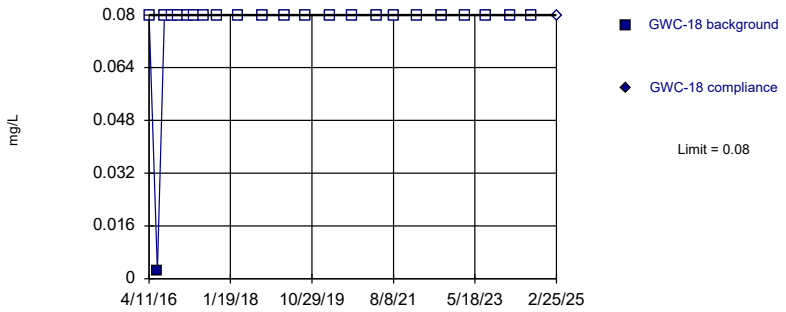
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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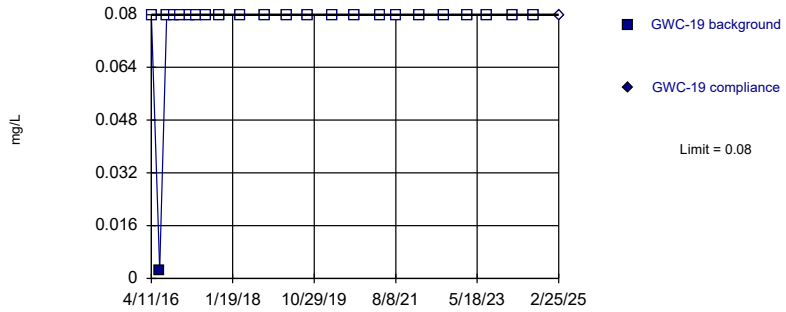
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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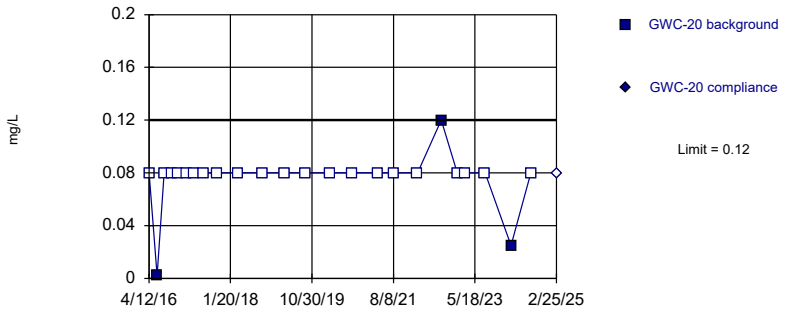
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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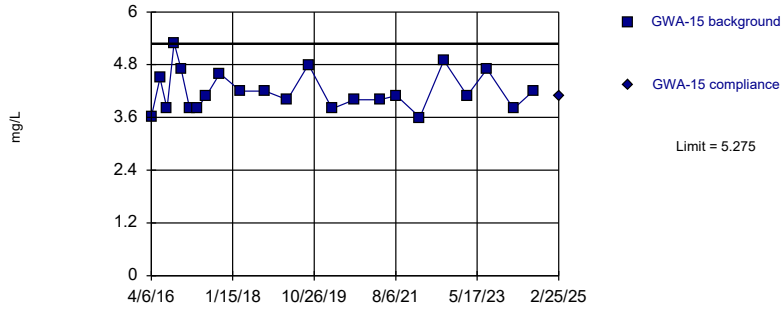
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.201, Std. Dev.=0.4501, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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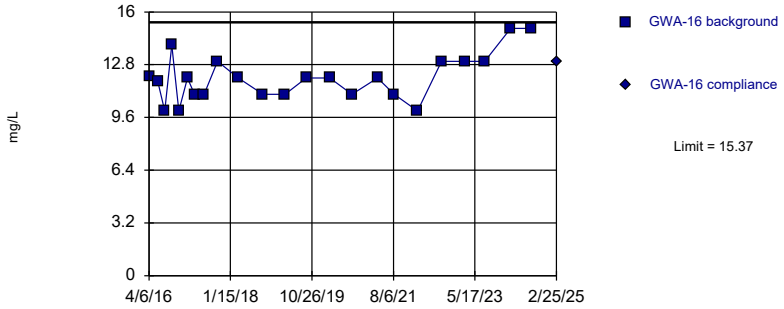
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=12, Std. Dev.=1.415, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9191, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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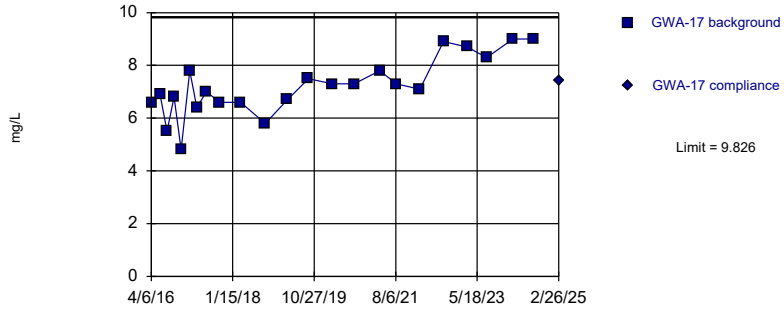
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.203, Std. Dev.=1.099, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9607, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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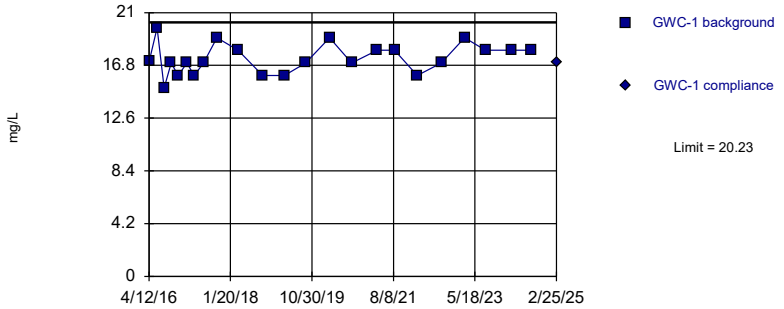
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.34, Std. Dev.=1.209, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9461, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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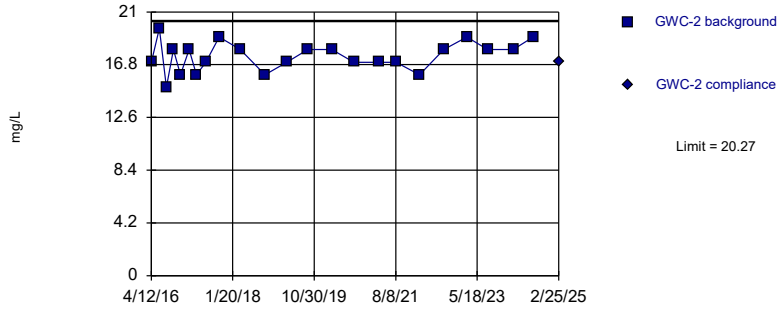
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.47, Std. Dev.=1.174, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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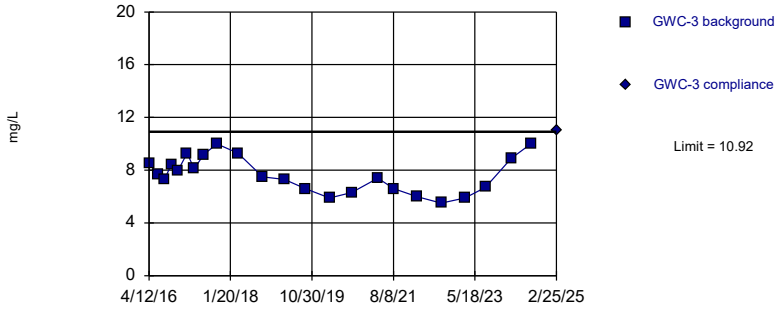
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.67, Std. Dev.=1.362, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9559, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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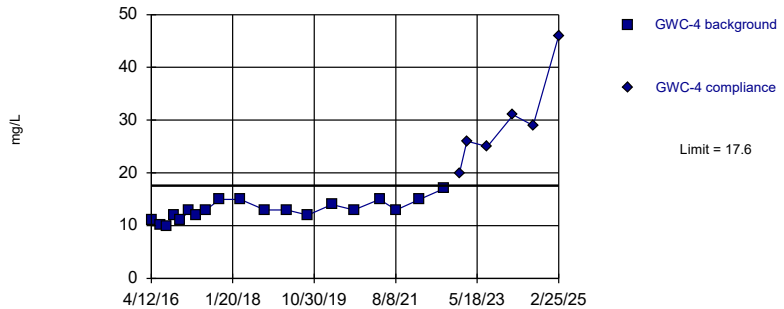
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=13, Std. Dev.=1.856, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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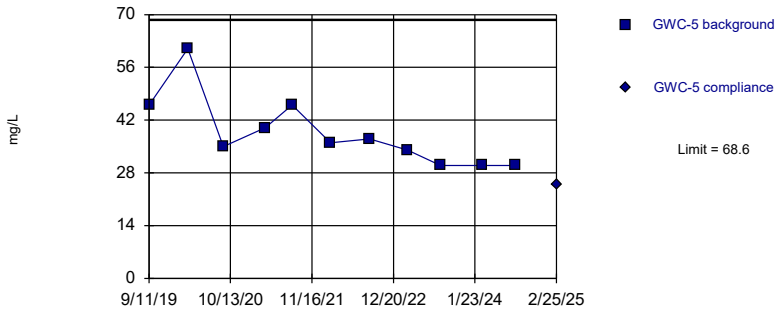
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=6.178, Std. Dev.=0.7155, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.875, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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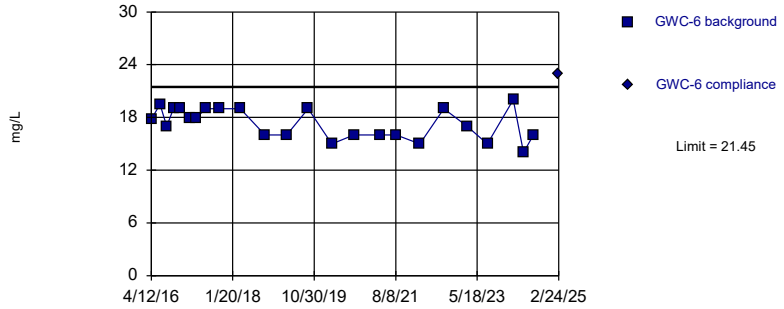
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.3, Std. Dev.=1.753, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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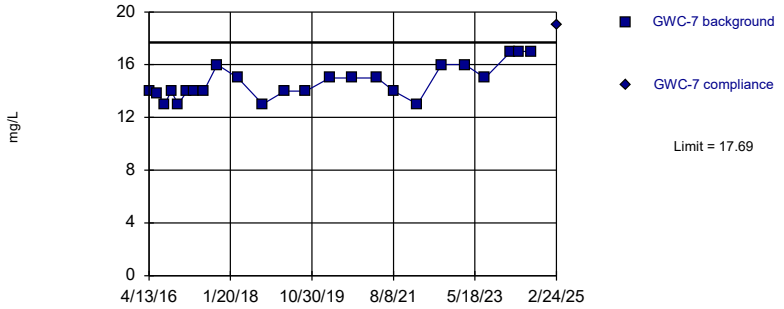
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=14.66, Std. Dev.=1.279, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8901, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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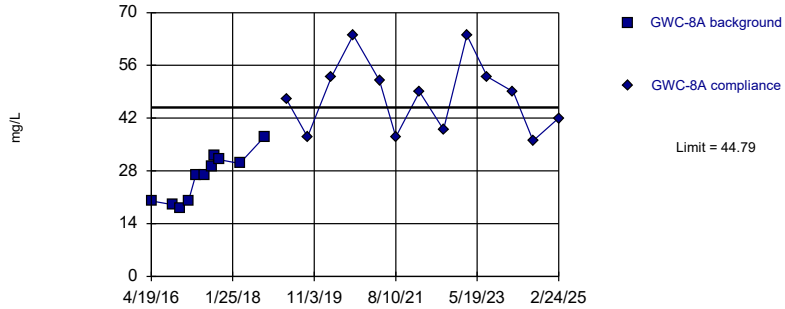
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=26.36, Std. Dev.=6.265, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9202, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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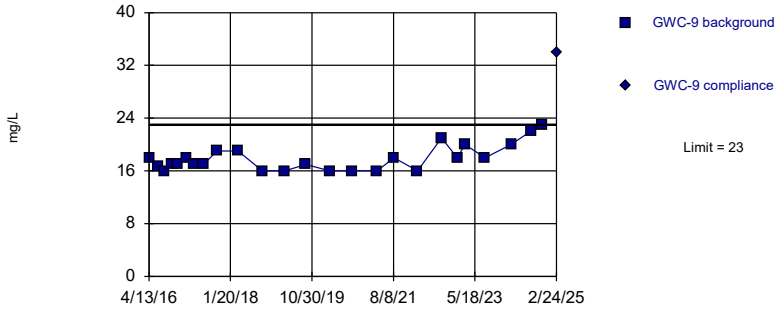
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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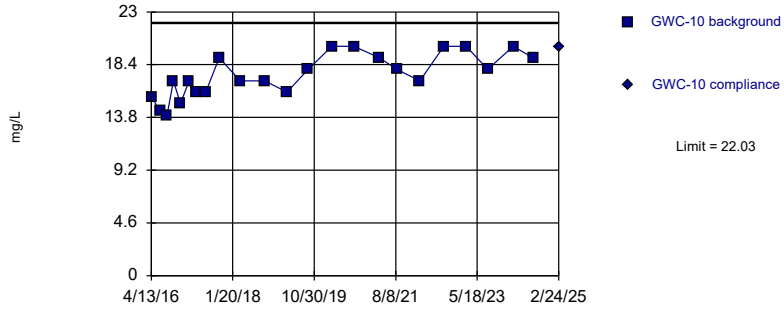
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.52, Std. Dev.=1.888, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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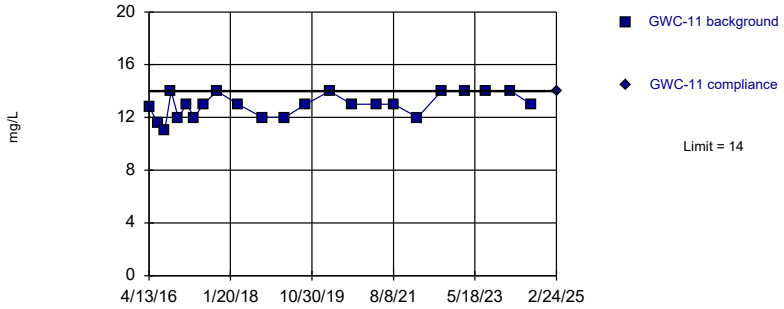
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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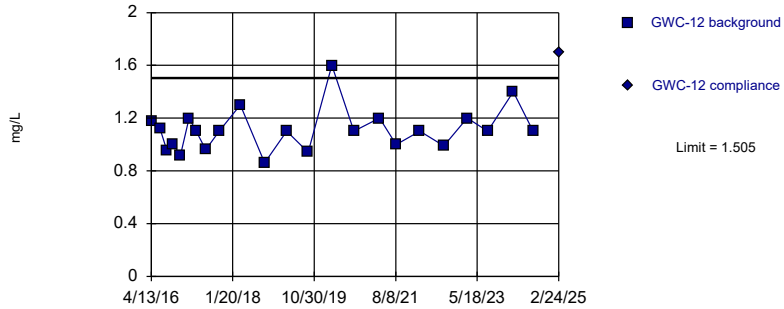
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.11, Std. Dev.=0.1658, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9029, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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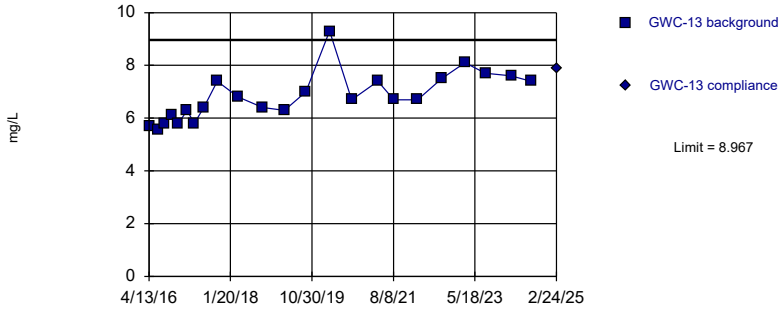
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.802, Std. Dev.=0.9074, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9365, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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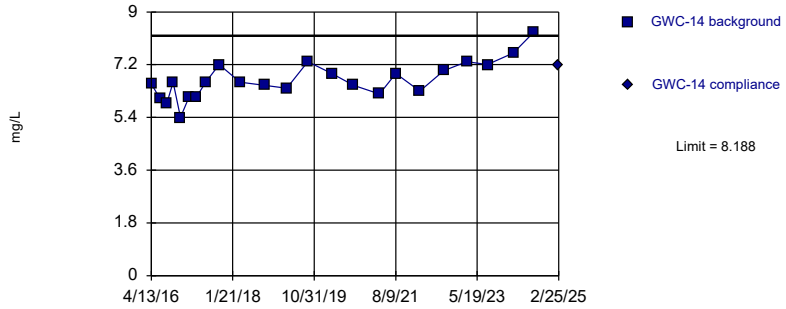
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.673, Std. Dev.=0.6347, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9737, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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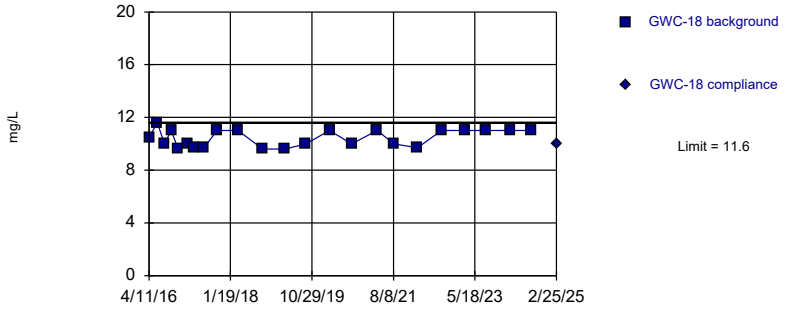
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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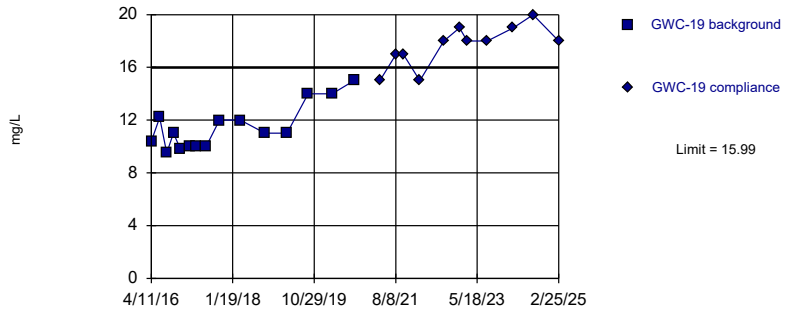
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.884, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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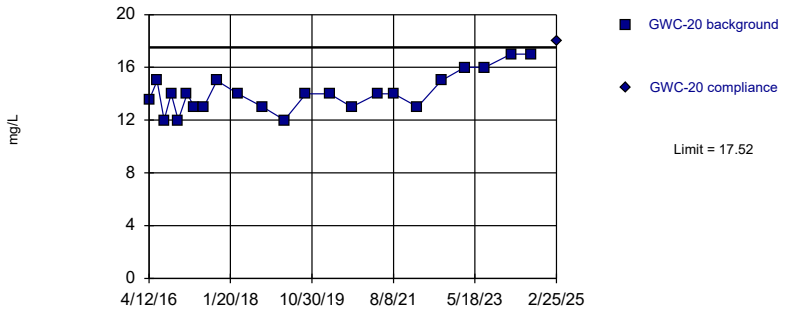
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=14.07, Std. Dev.=1.448, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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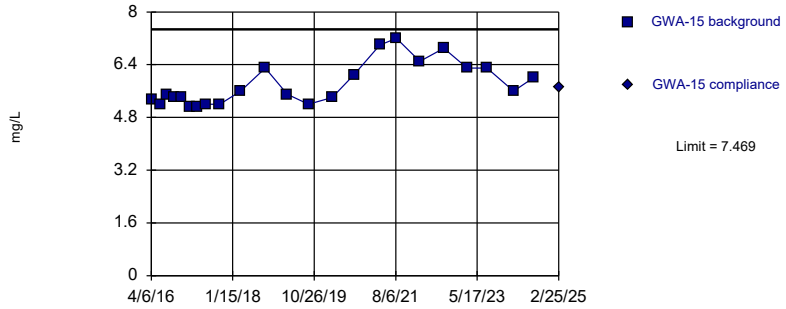
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=1.752, Std. Dev.=0.1086, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8848, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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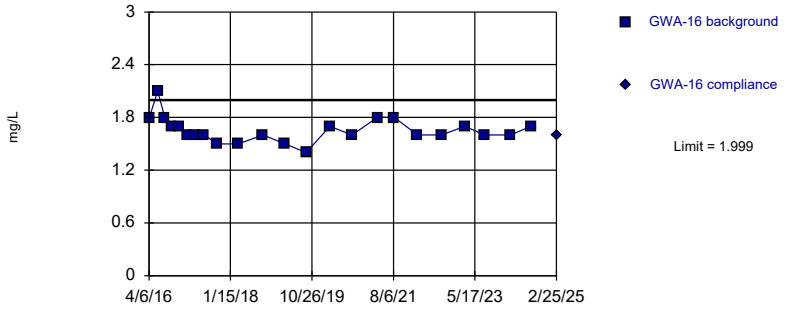
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.656, Std. Dev.=0.1436, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8873, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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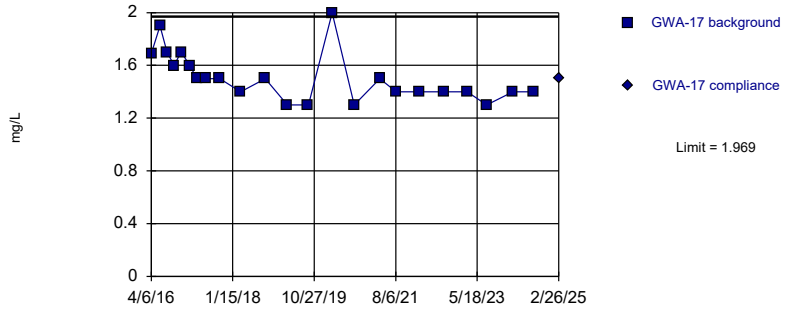
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.226, Std. Dev.=0.07433, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8867, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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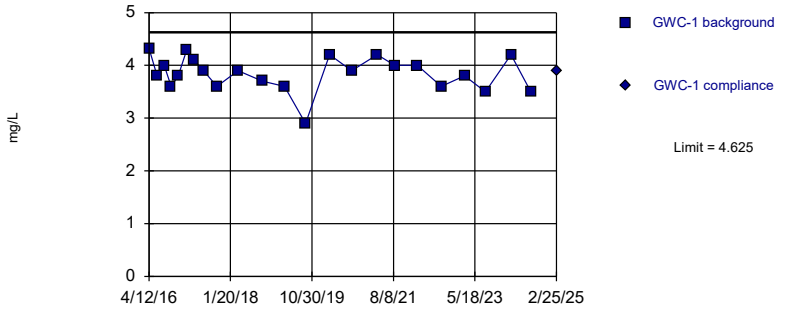
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.844, Std. Dev.=0.3272, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9314, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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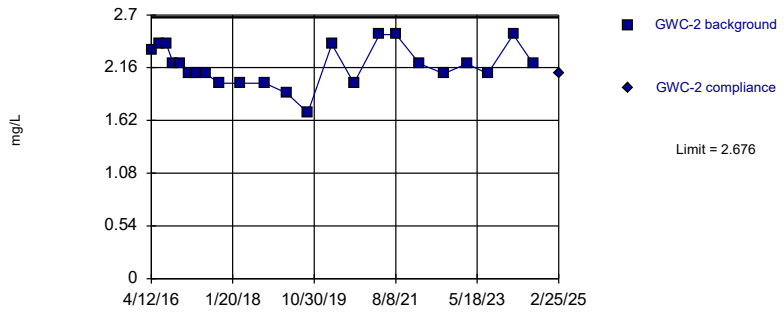
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.18, Std. Dev.=0.2078, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9444, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

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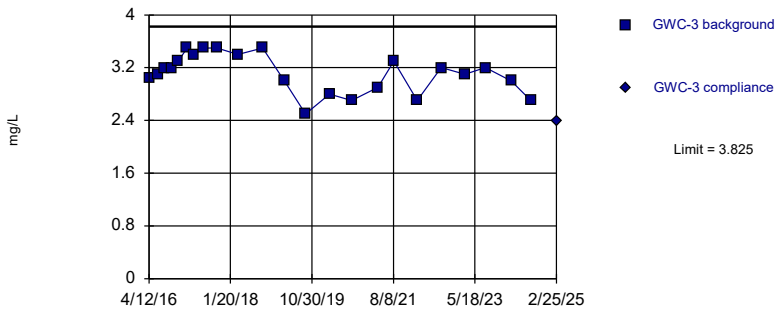
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.119, Std. Dev.=0.2958, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9382, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

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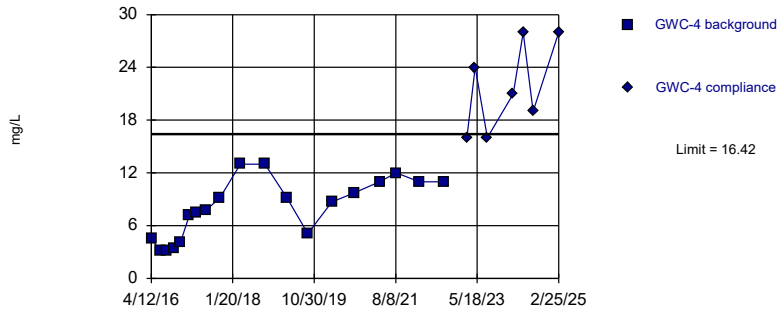
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.083, Std. Dev.=3.363, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9273, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

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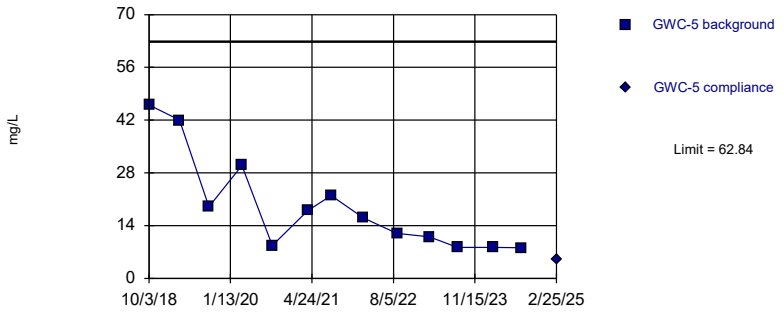
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=4.18, Std. Dev.=1.357, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8747, critical = 0.866. Kappa = 2.762 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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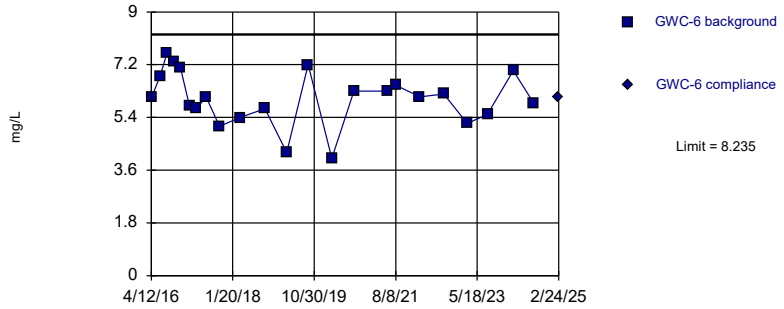
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.047, Std. Dev.=0.9174, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9659, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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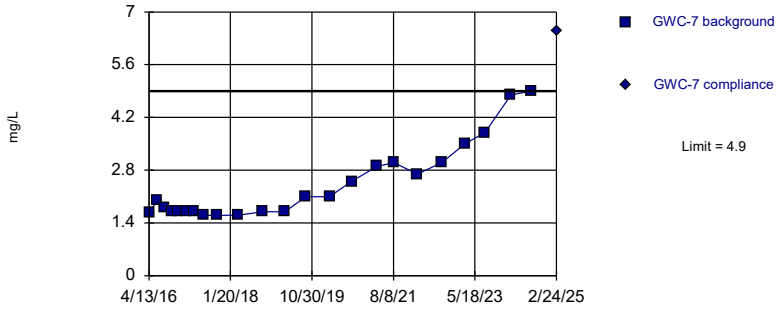
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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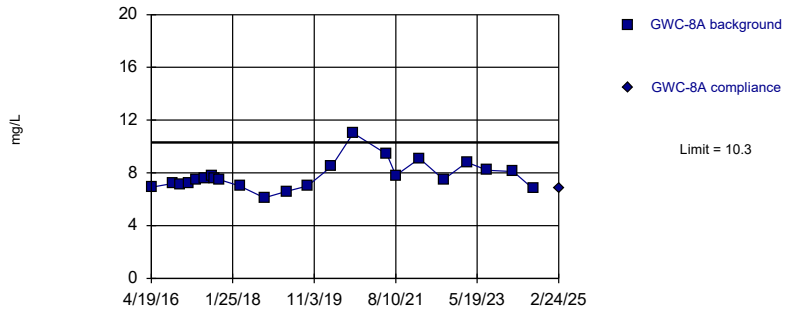
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.752, Std. Dev.=1.069, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9035, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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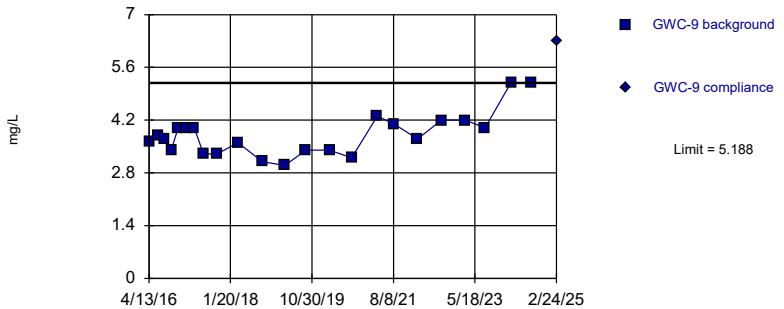
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.815, Std. Dev.=0.5757, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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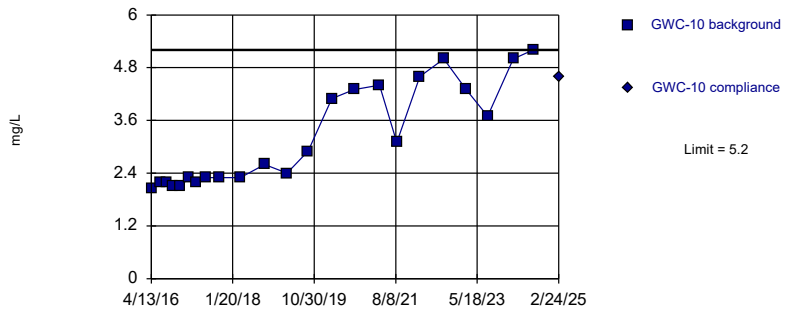
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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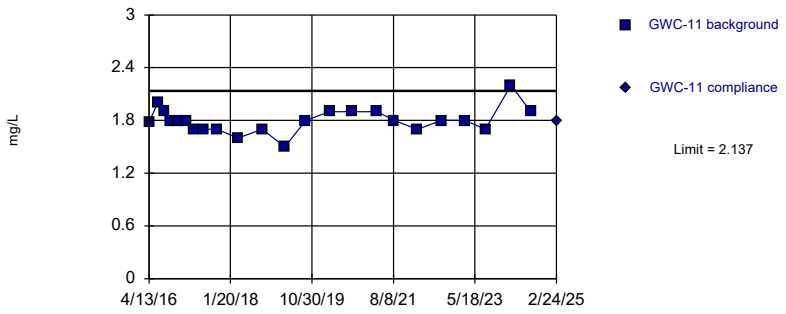
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.799, Std. Dev.=0.1415, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9219, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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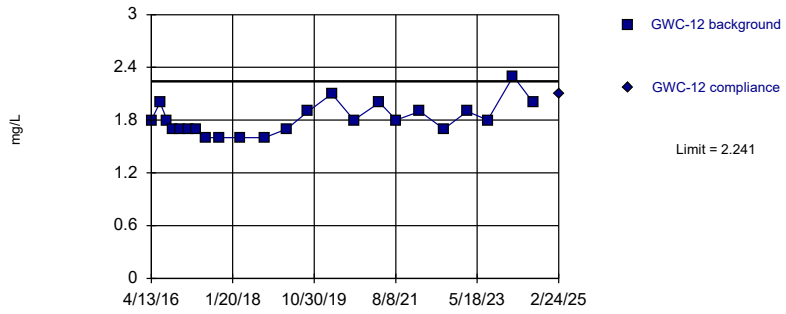
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.813, Std. Dev.=0.1792, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9062, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
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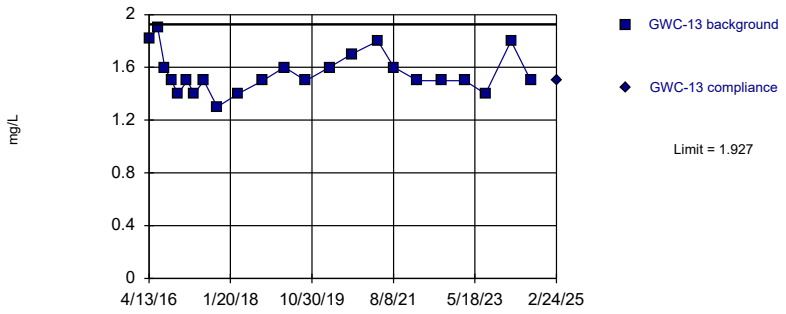
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.557, Std. Dev.=0.1547, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9006, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
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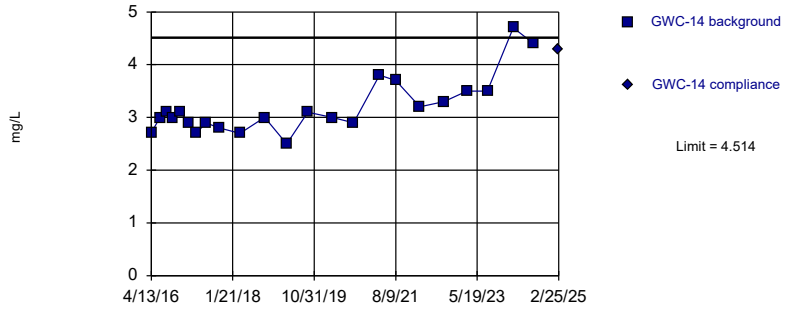
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.782, Std. Dev.=0.1435, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8826, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

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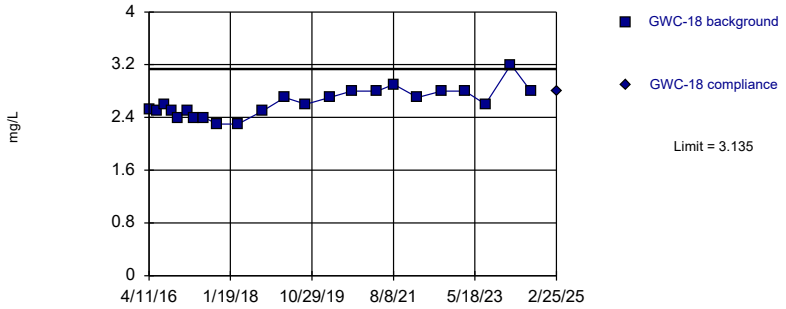
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.623, Std. Dev.=0.2145, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9423, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

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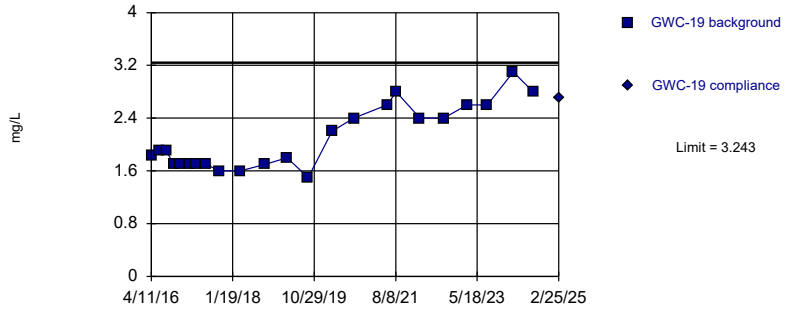
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.097, Std. Dev.=0.4799, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8822, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell

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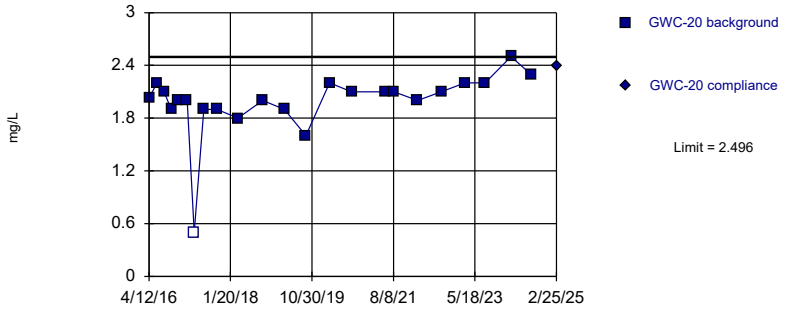
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=8.458, Std. Dev.=2.969, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9295, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

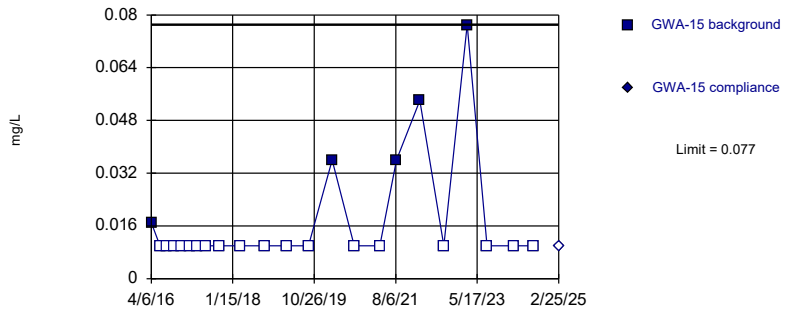
Constituent: Chloride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



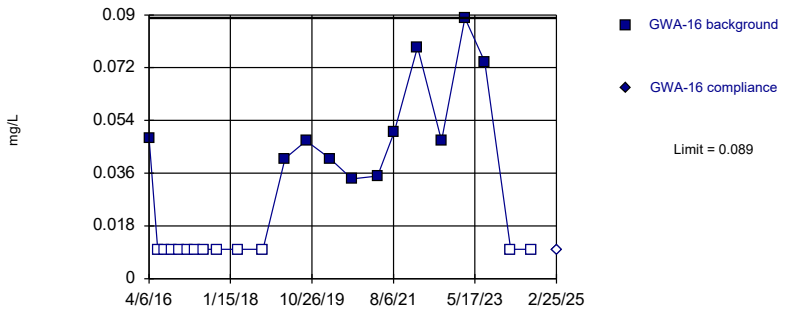
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



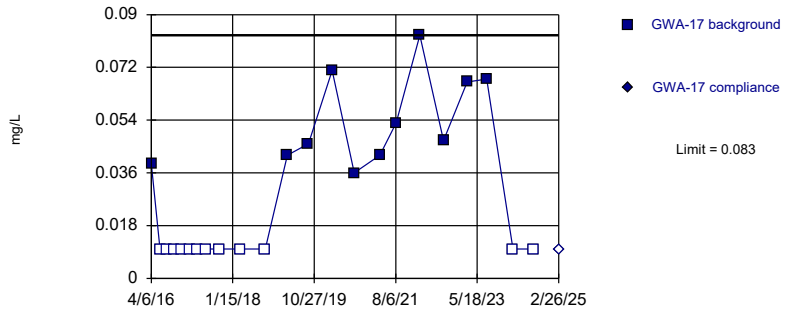
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



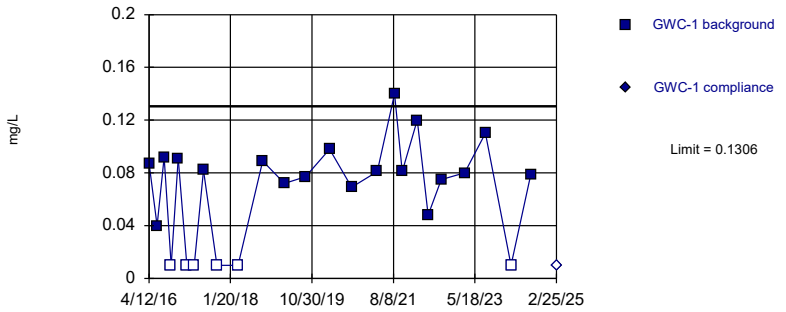
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



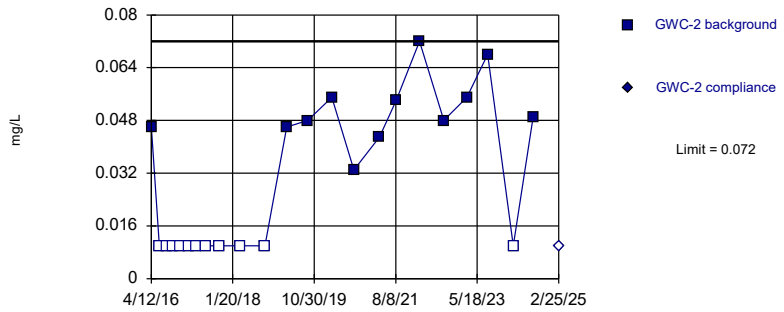
Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.005705, Std. Dev.=0.004832, n=25, 24% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8986, critical = 0.888. Kappa = 2.347 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



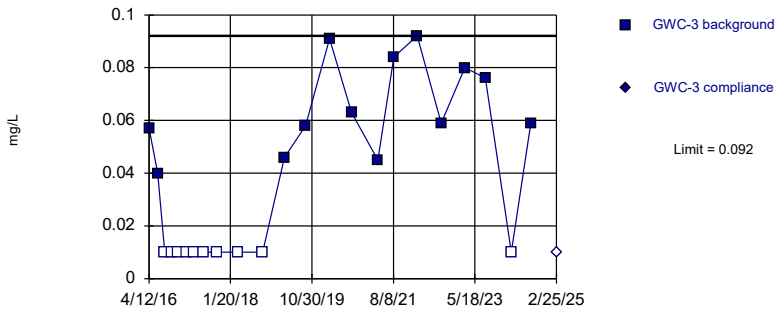
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



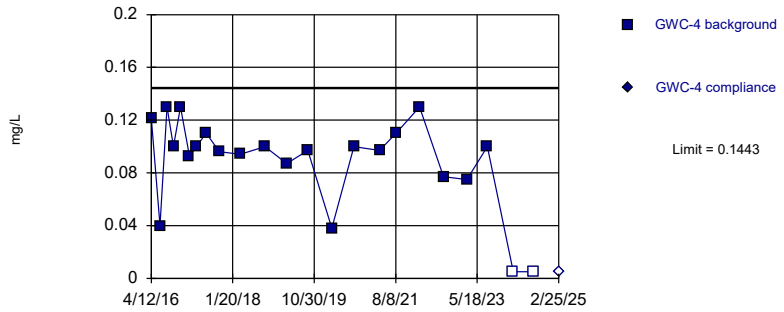
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



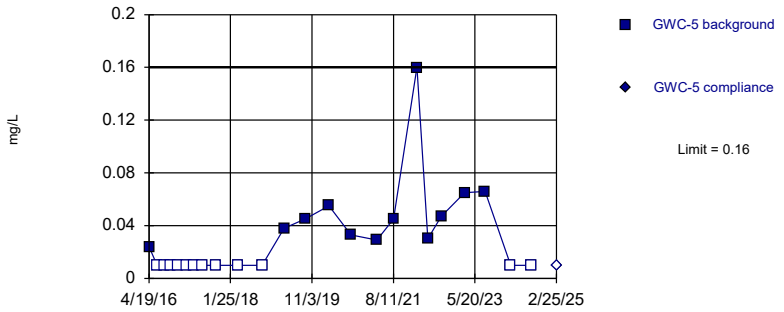
Background Data Summary (based on square transformation): Mean=0.009012, Std. Dev.=0.004953, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9224, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



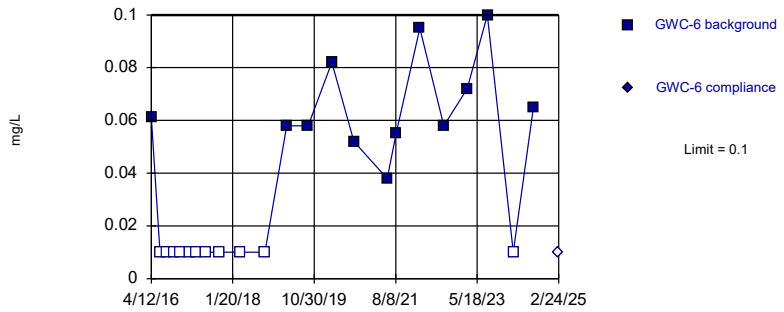
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 50% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



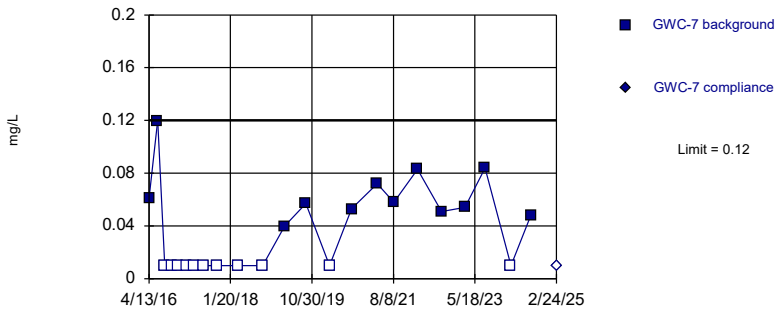
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



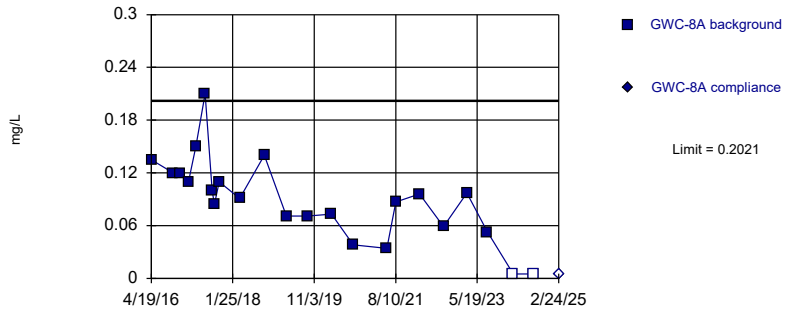
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



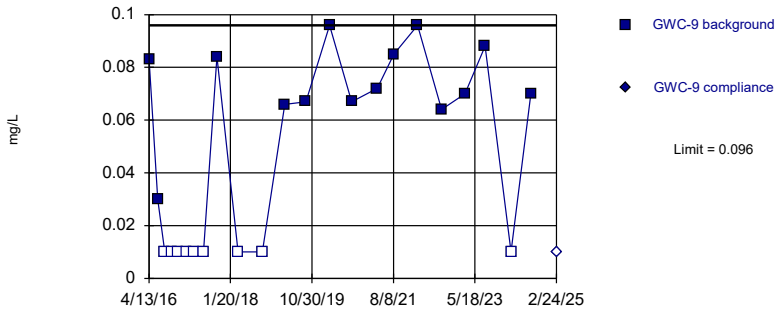
Background Data Summary: Mean=0.08952, Std. Dev.=0.04719, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9737, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



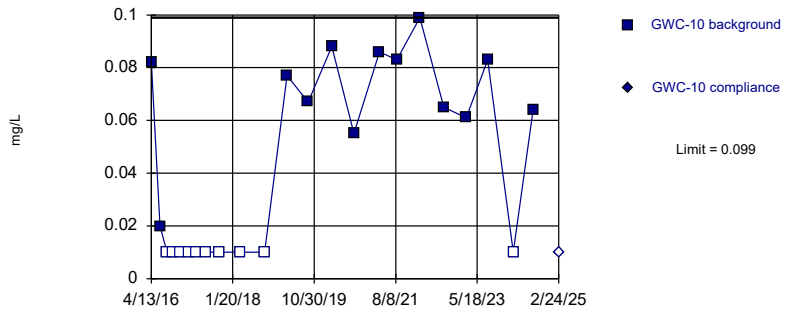
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 39.13% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



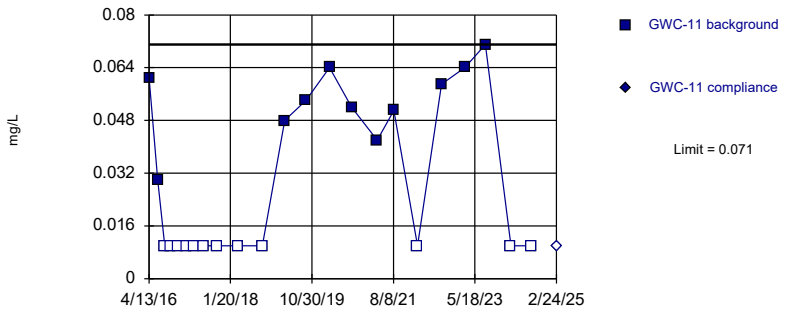
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



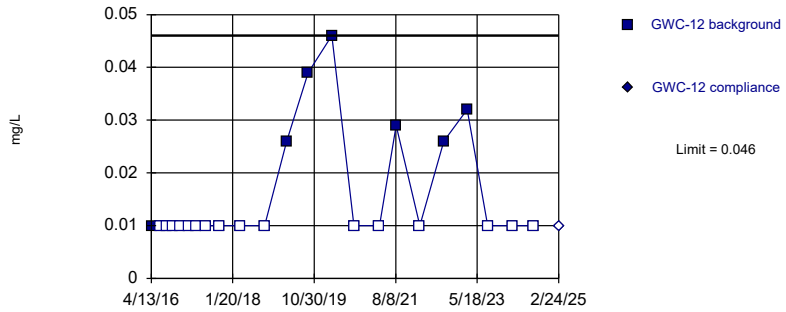
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



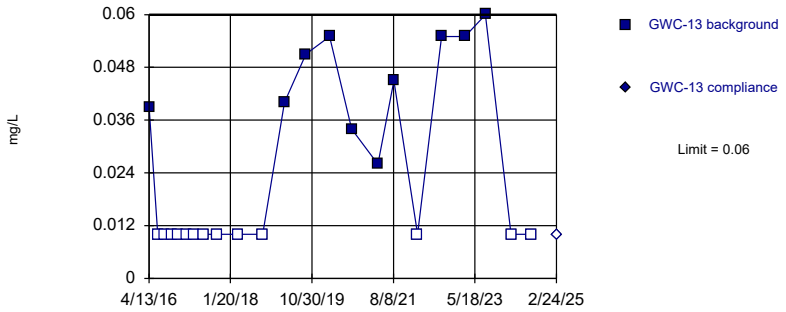
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



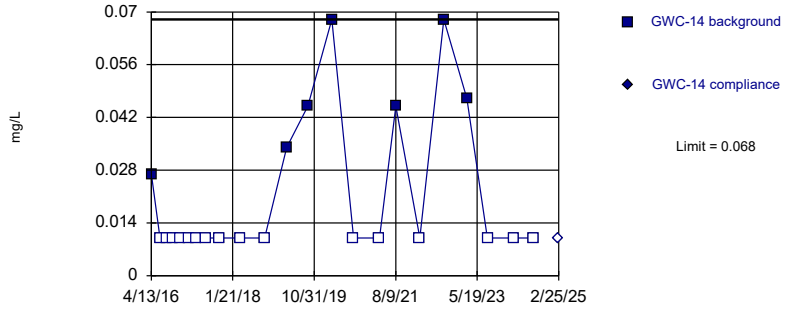
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



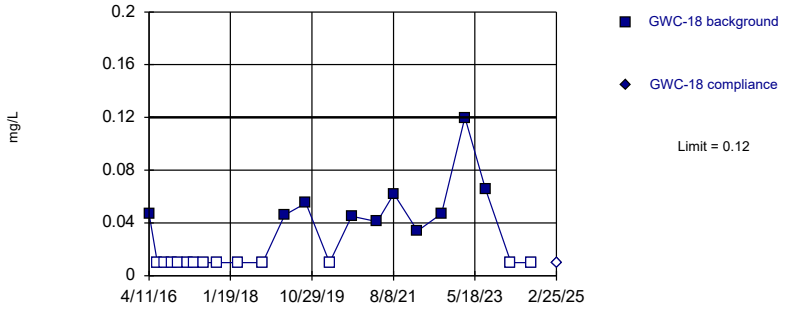
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



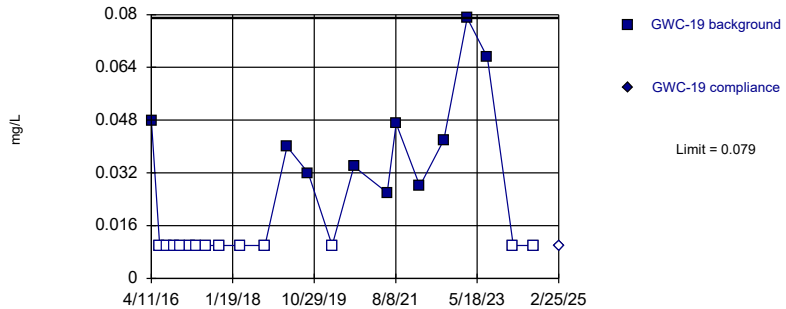
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



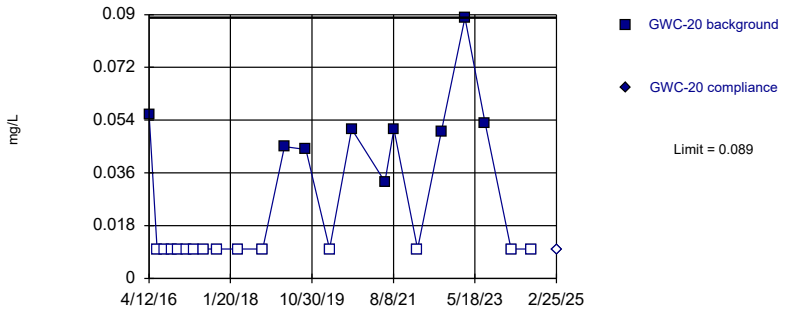
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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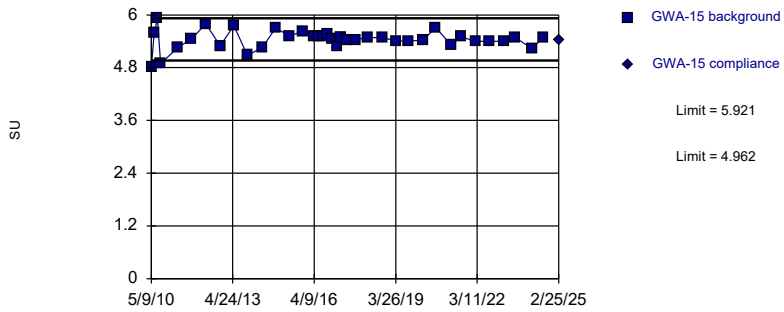
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.442, Std. Dev.=0.2152, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.927, critical = 0.916. Kappa = 2.228 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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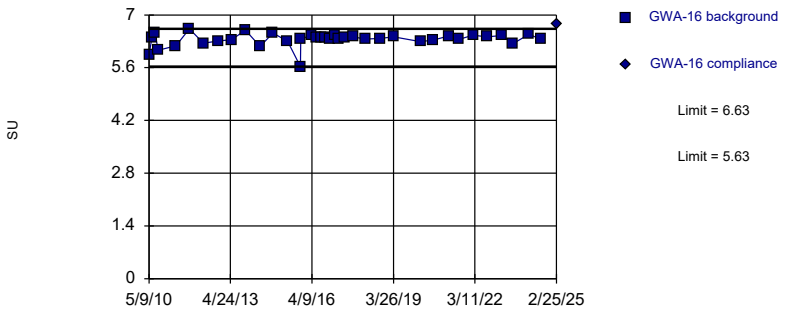
Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 37 background values. Well-constituent pair annual alpha = 0.005442. Individual comparison alpha = 0.002723 (1 of 2).

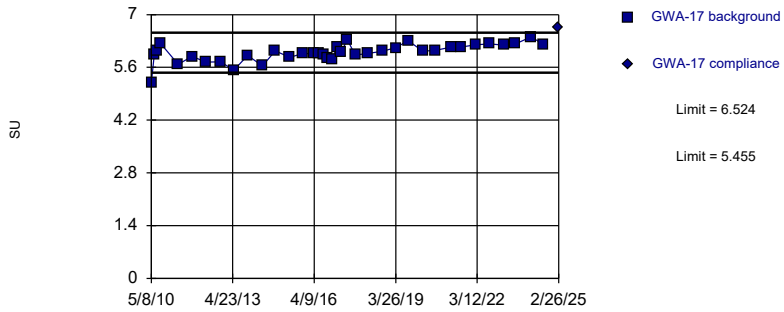
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.99, Std. Dev.=0.2393, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.914. Kappa = 2.235 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

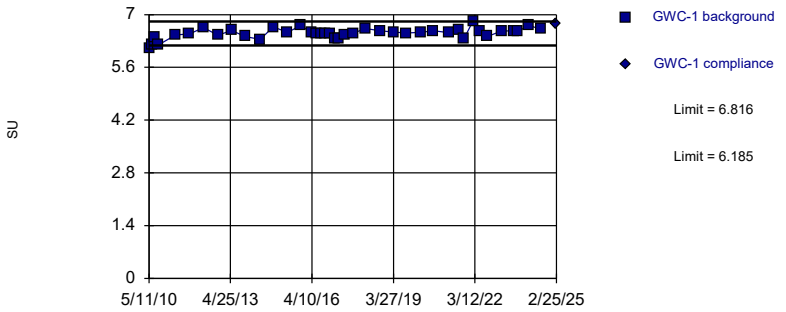
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.5, Std. Dev.=0.1424, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.919. Kappa = 2.216 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

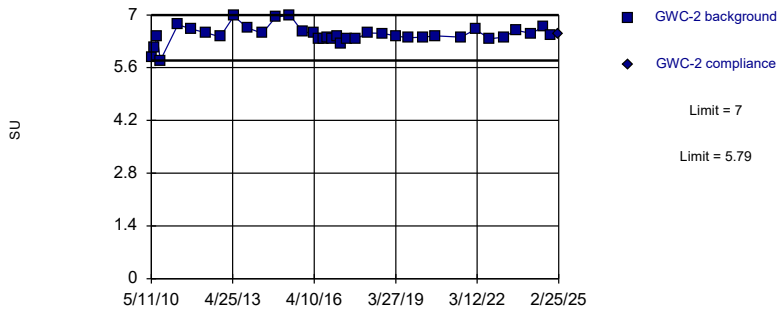
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 37 background values. Well-constituent pair annual alpha = 0.005442. Individual comparison alpha = 0.002723 (1 of 2).

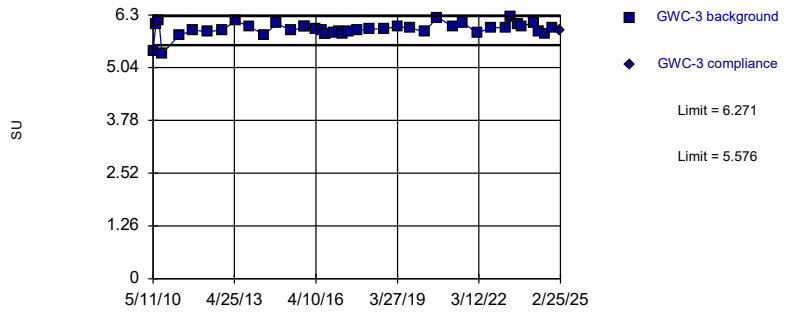
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=7542, Std. Dev.=976.1, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.922. Kappa = 2.206 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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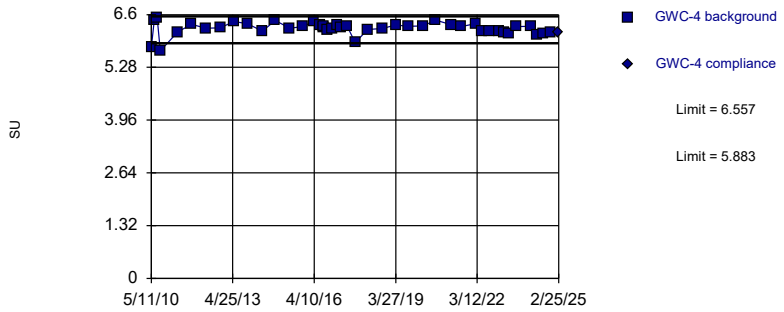
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=60468, Std. Dev.=8638, n=43. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.923. Kappa = 2.201 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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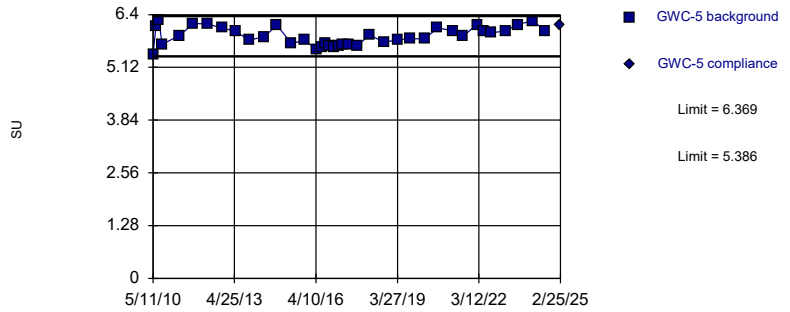
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.878, Std. Dev.=0.2204, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9586, critical = 0.916. Kappa = 2.228 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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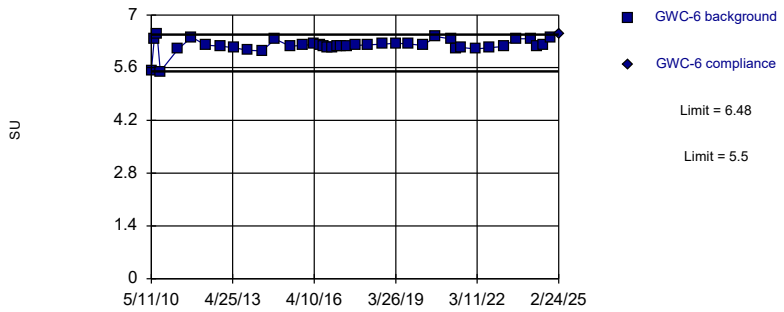
Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 40 background values. Well-constituent pair annual alpha = 0.004632. Individual comparison alpha = 0.002317 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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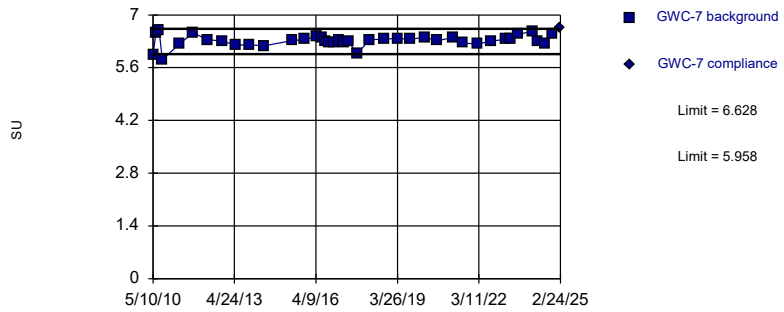
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^4 transformation): Mean=1595, Std. Dev.=150.8, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.917. Kappa = 2.222 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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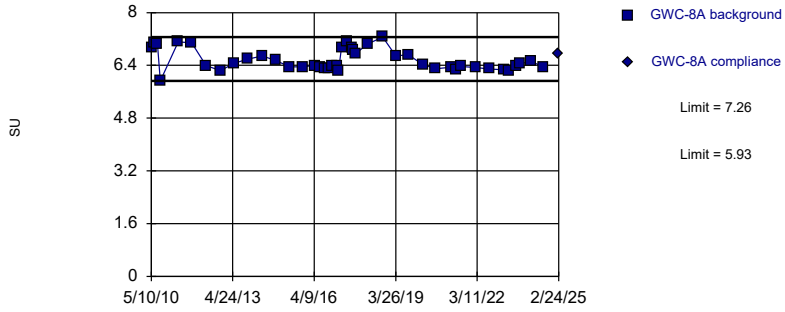
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 43 background values. Well-constituent pair annual alpha = 0.004145. Individual comparison alpha = 0.002074 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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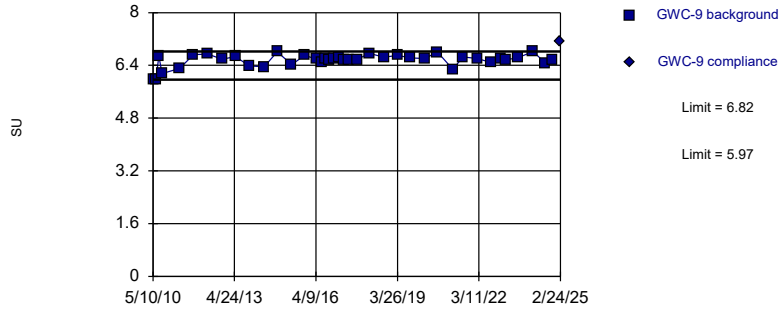
Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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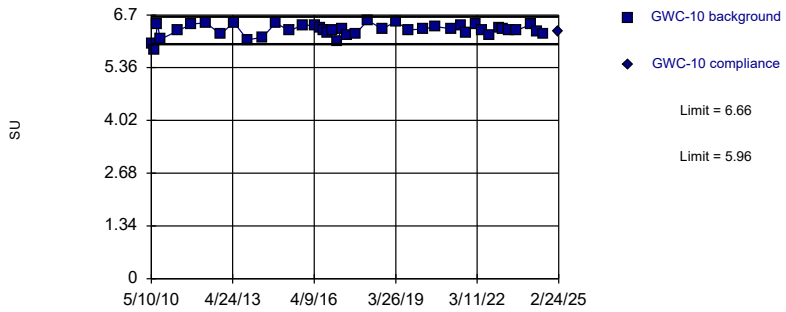
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.31, Std. Dev.=0.1585, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.941, critical = 0.922. Kappa = 2.206 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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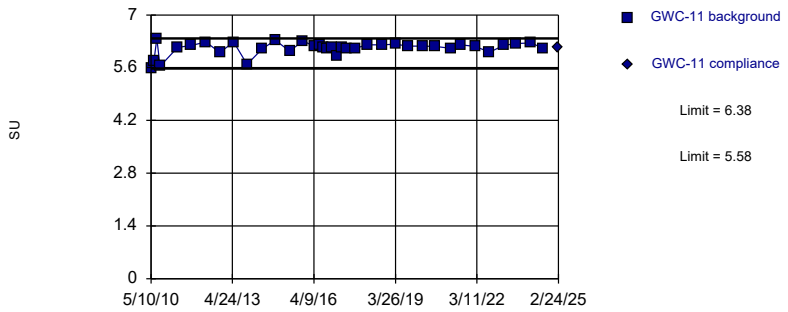
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 37 background values. Well-constituent pair annual alpha = 0.005442. Individual comparison alpha = 0.002723 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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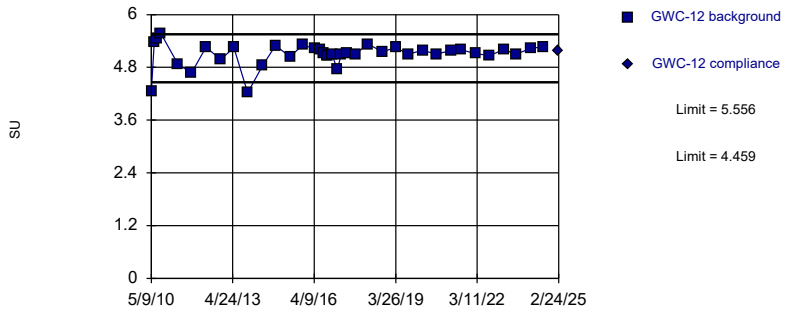
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=3529, Std. Dev.=792.6, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.916. Kappa = 2.228 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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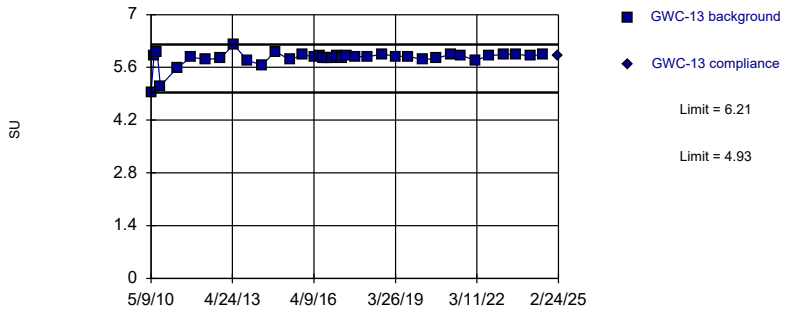
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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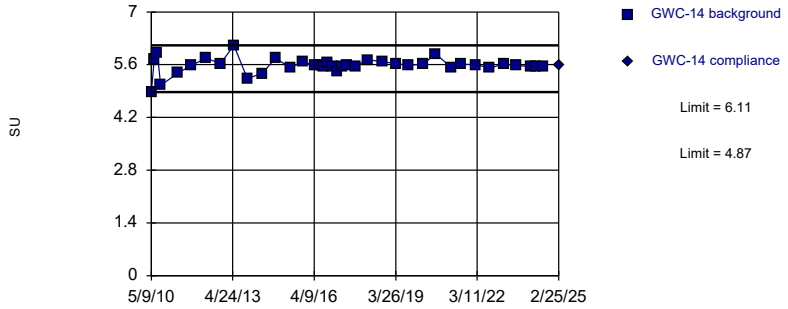
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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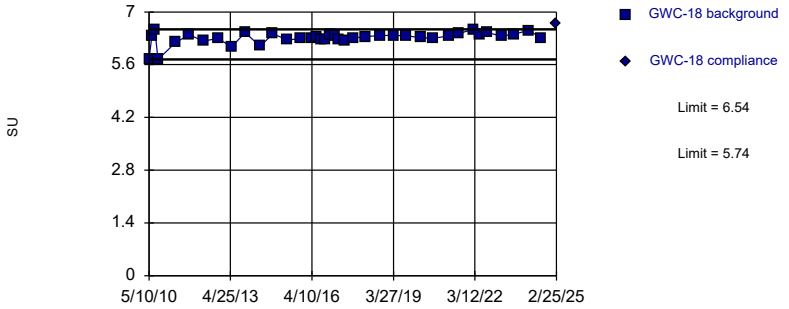
Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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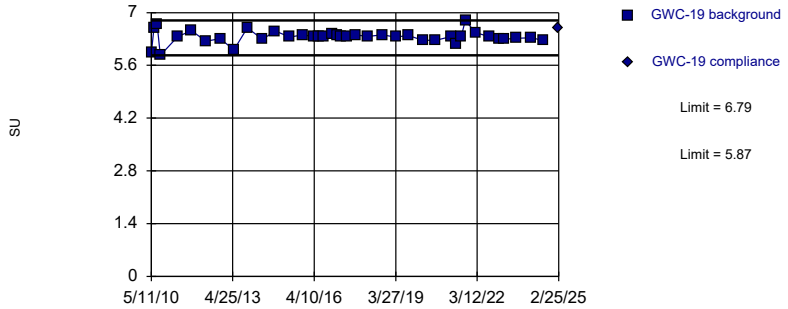
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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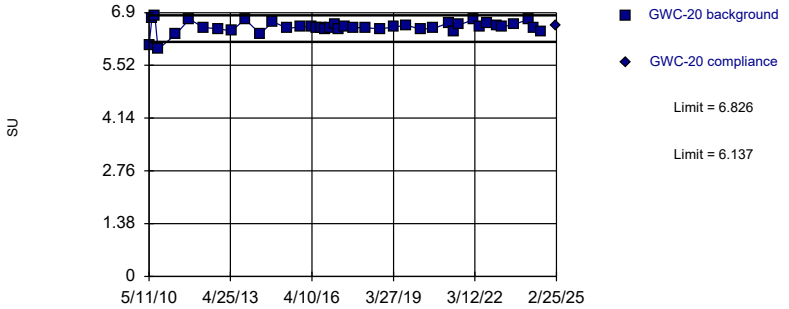
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=77297, Std. Dev.=10790, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.92. Kappa = 2.211 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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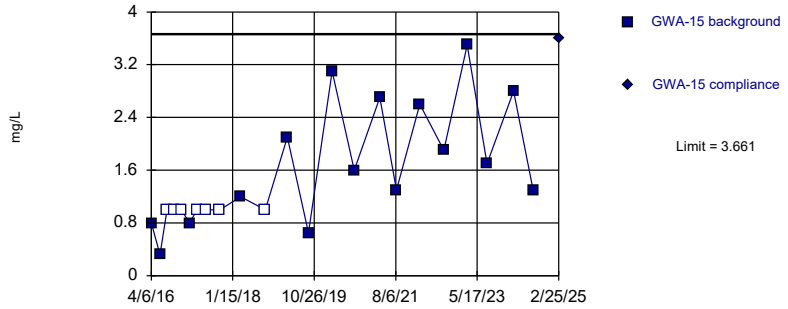
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=1.402, Std. Dev.=0.9467, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8844, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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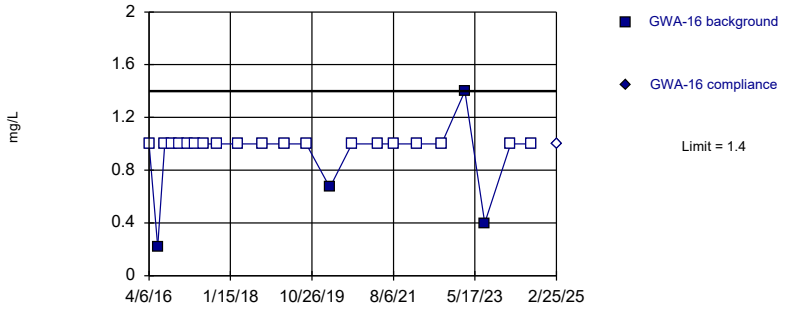
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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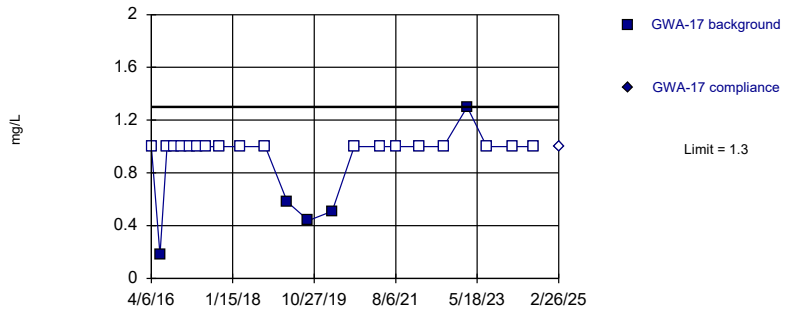
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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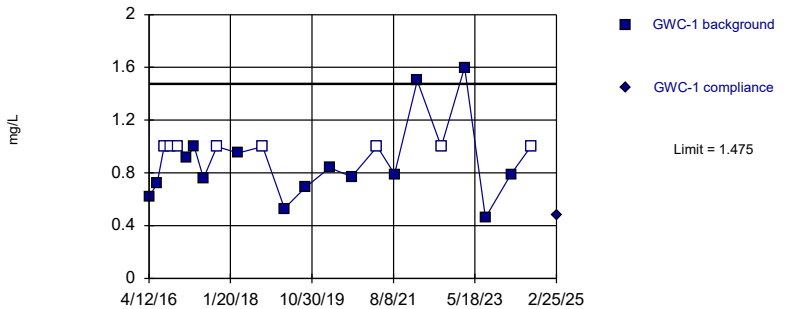
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.8815, Std. Dev.=0.1397, n=23, 34.78% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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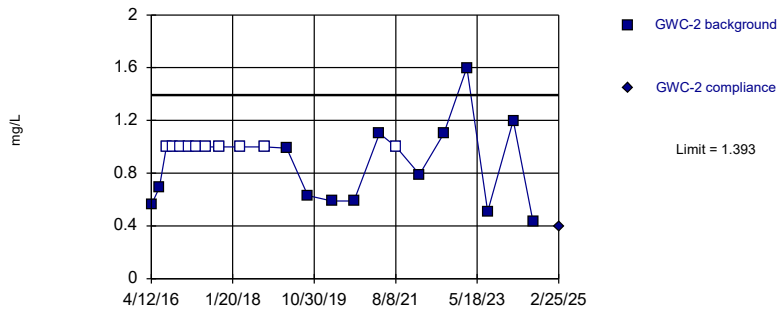
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7193, Std. Dev.=0.2825, n=23, 43.48% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.883, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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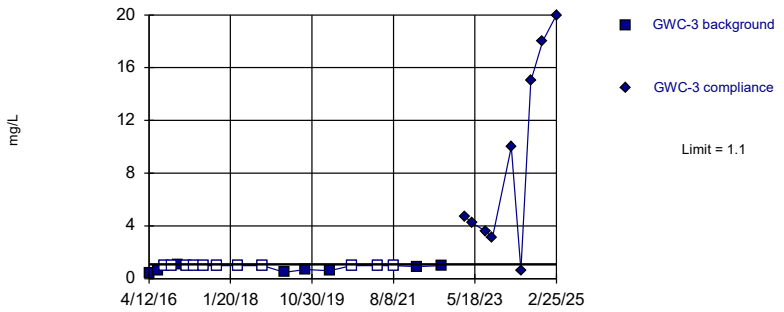
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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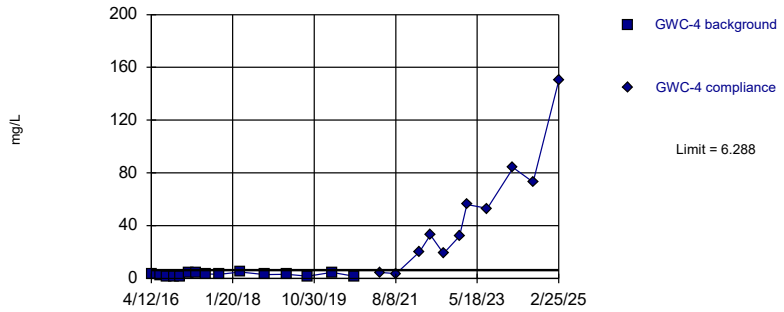
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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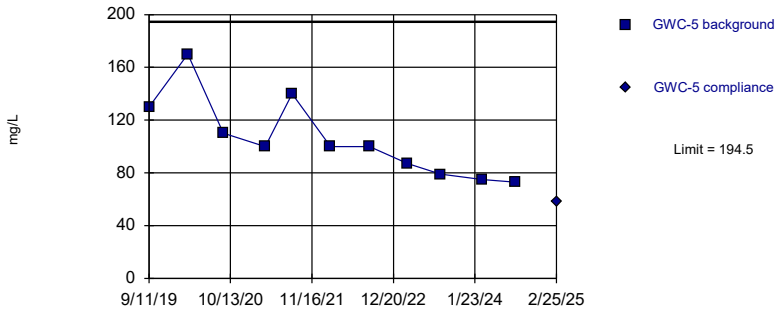
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=105.8, Std. Dev.=30.15, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9046, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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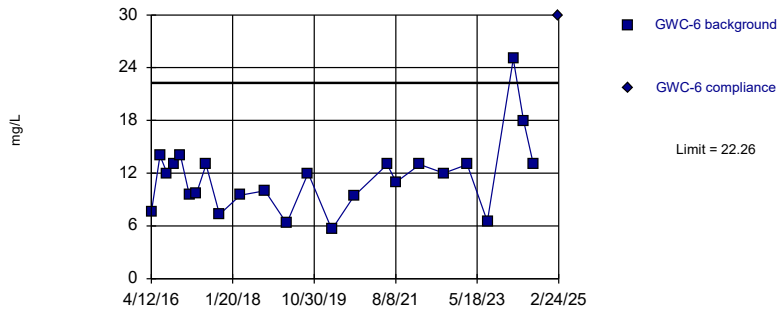
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.352, Std. Dev.=0.5775, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9279, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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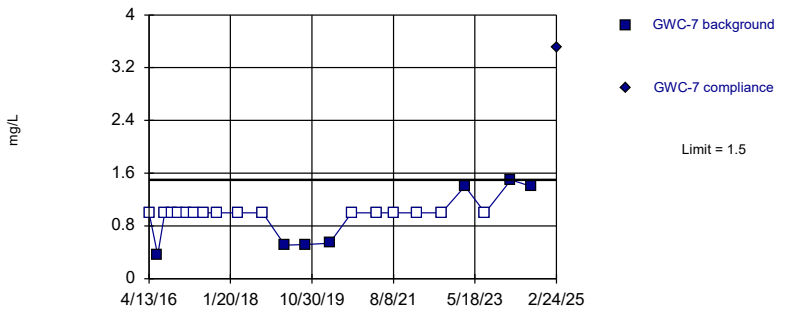
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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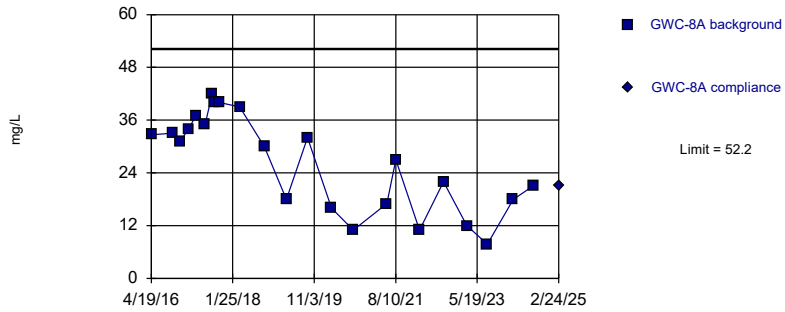
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=26.37, Std. Dev.=10.83, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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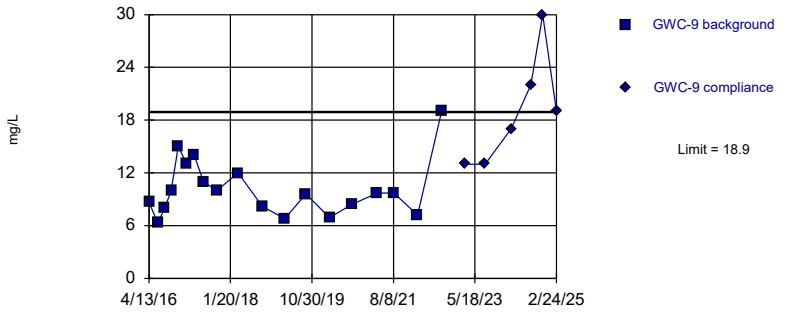
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.156, Std. Dev.=0.4807, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9365, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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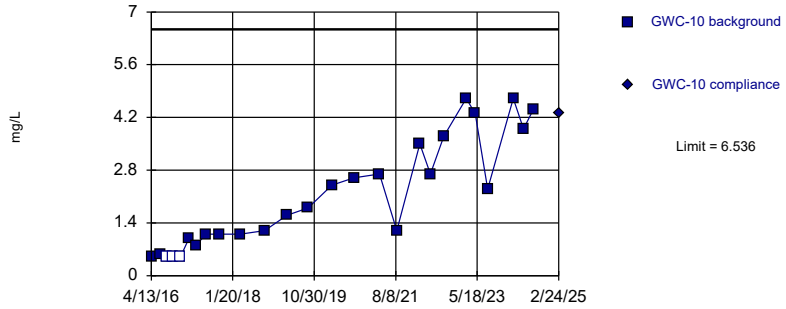
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.372, Std. Dev.=0.5072, n=26, 11.54% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9101, critical = 0.891. Kappa = 2.335 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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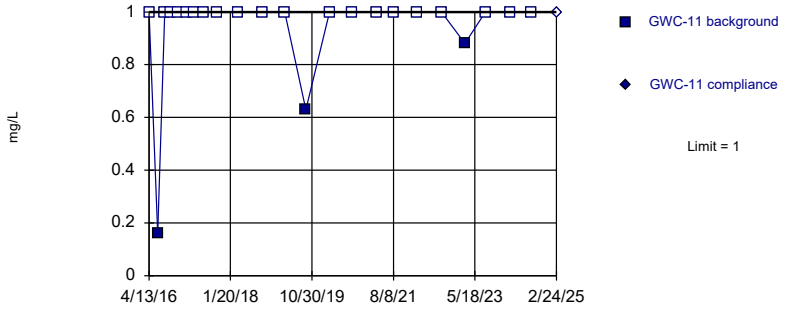
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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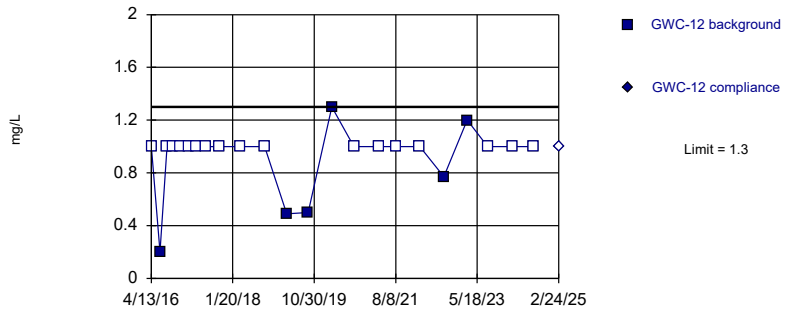
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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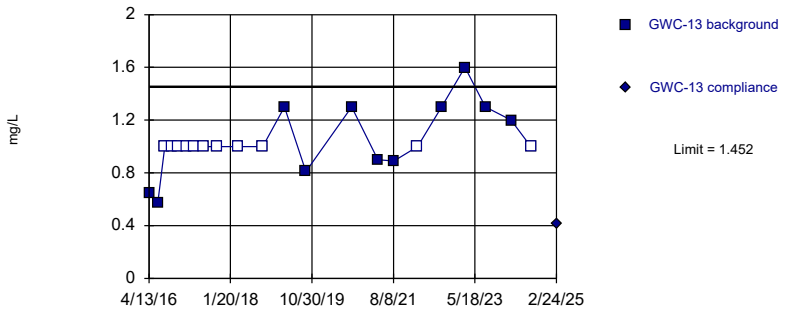
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.849, Std. Dev.=0.2507, n=22, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.896, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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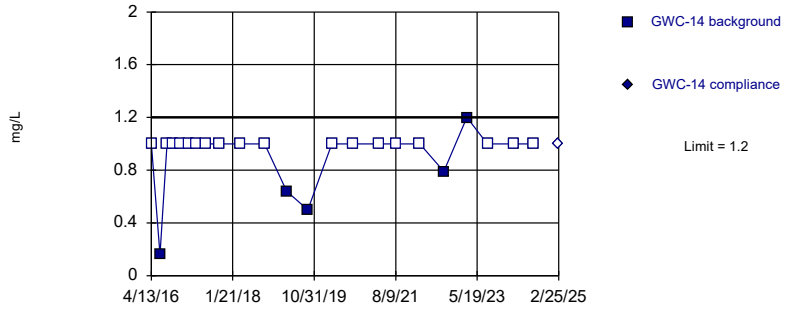
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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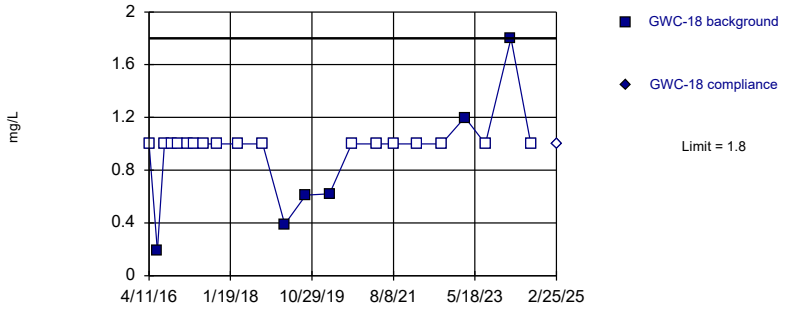
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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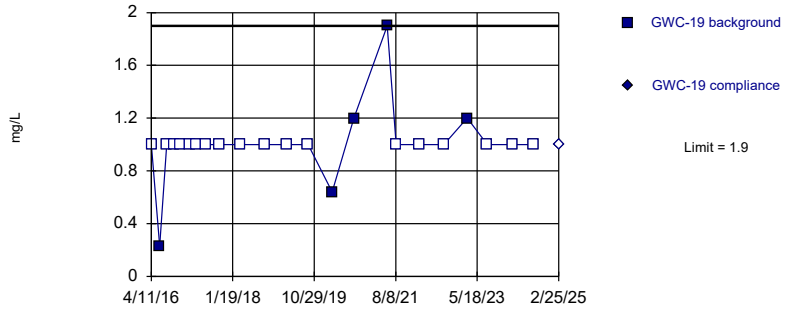
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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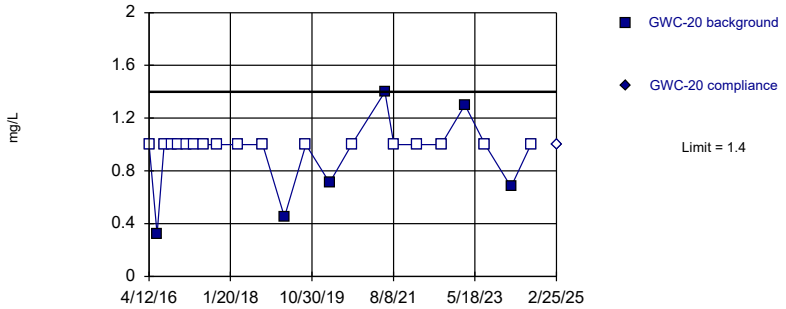
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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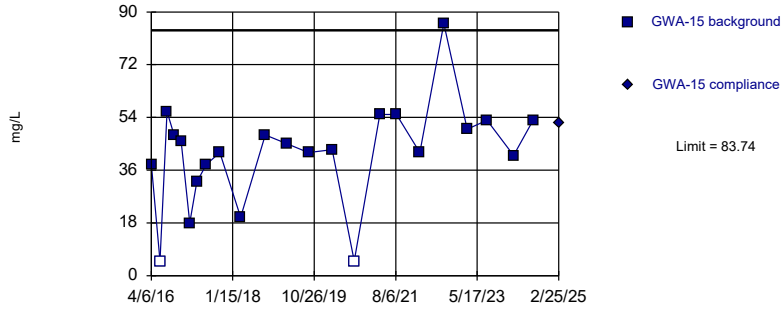
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=41.78, Std. Dev.=17.59, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9044, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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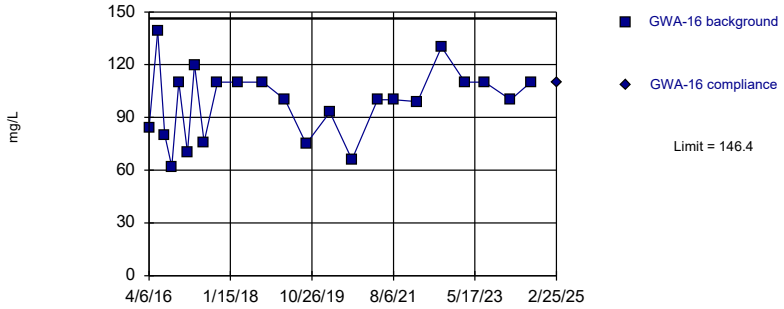
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=98.43, Std. Dev.=20.08, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9487, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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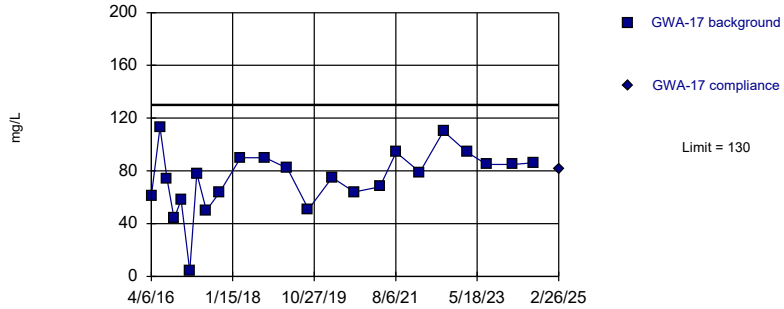
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=73.87, Std. Dev.=23.54, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9374, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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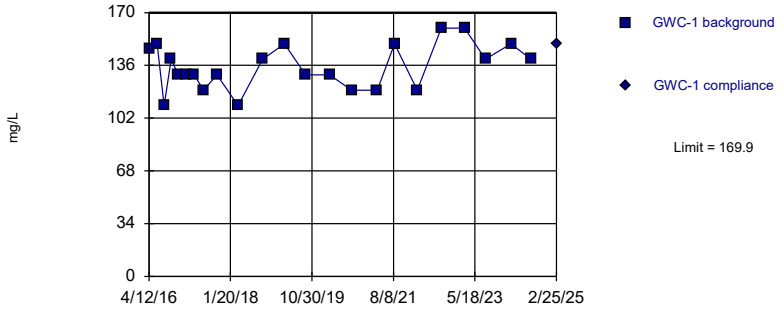
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=135.1, Std. Dev.=14.61, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9453, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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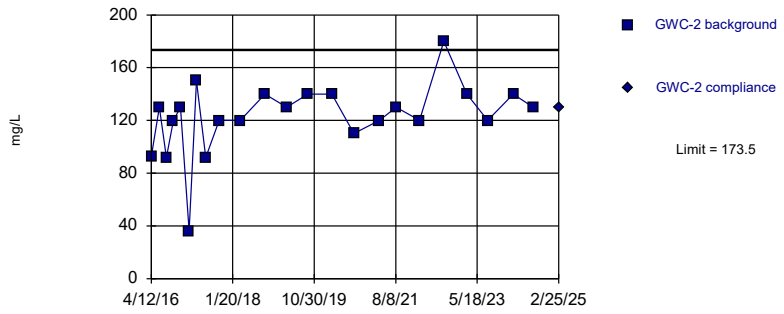
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=15773, Std. Dev.=6005, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9208, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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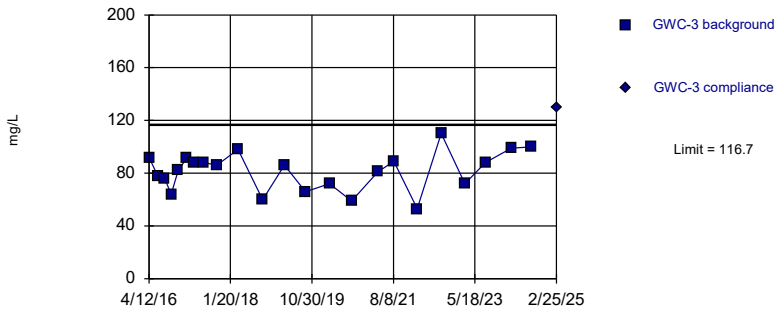
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=81.7, Std. Dev.=14.66, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9742, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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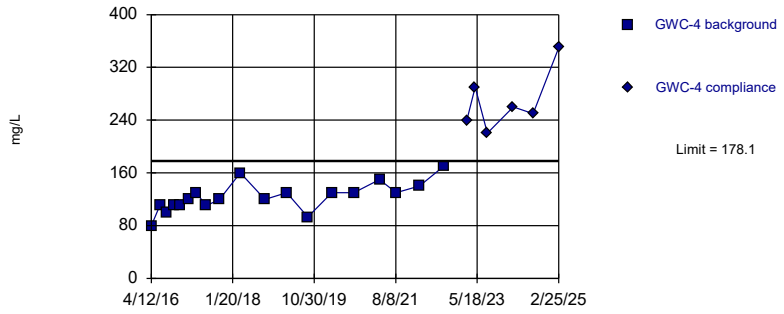
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=123.4, Std. Dev.=22.1, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9712, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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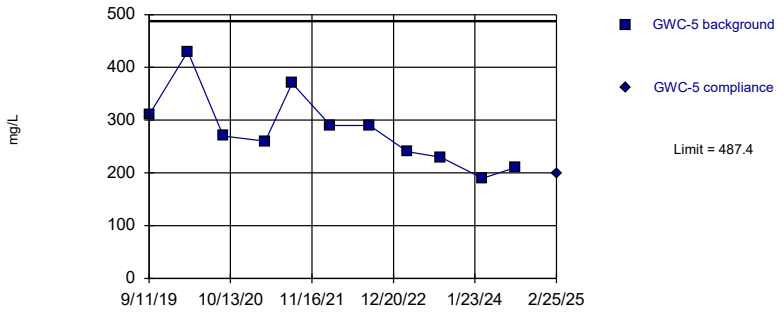
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=280.9, Std. Dev.=70.21, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9358, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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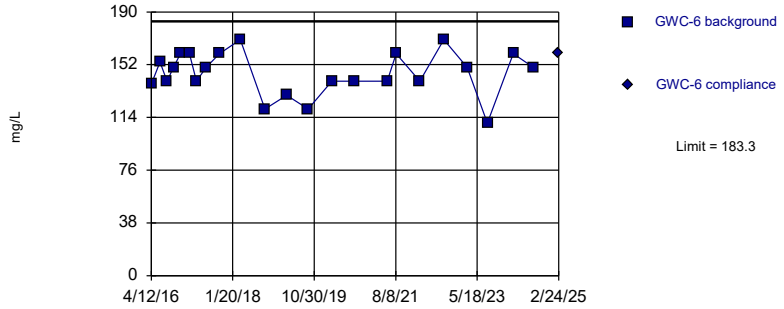
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=145.7, Std. Dev.=15.73, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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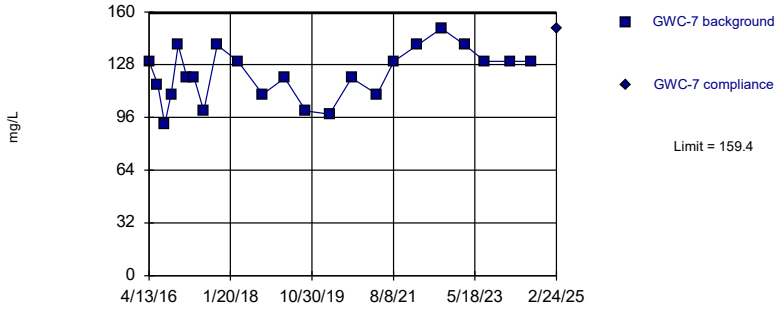
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=122, Std. Dev.=15.66, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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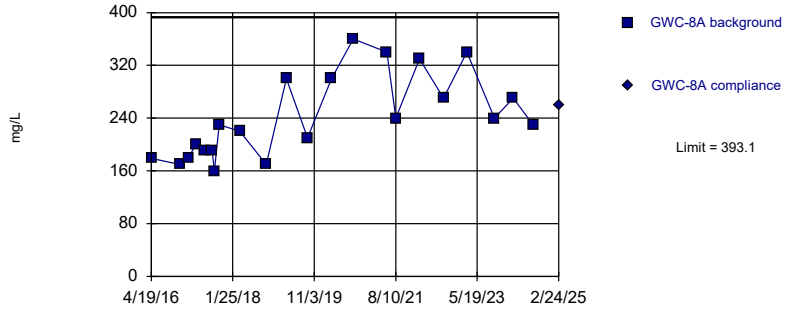
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=241.8, Std. Dev.=62.89, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9193, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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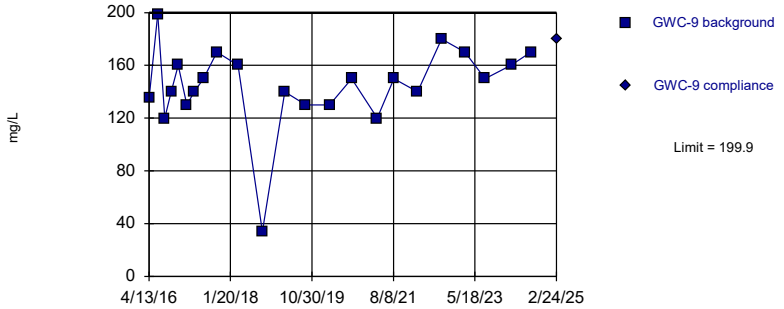
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=21860, Std. Dev.=7584, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.949, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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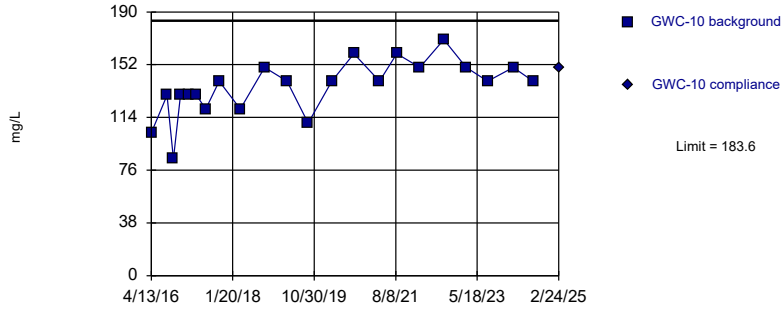
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=135.8, Std. Dev.=19.89, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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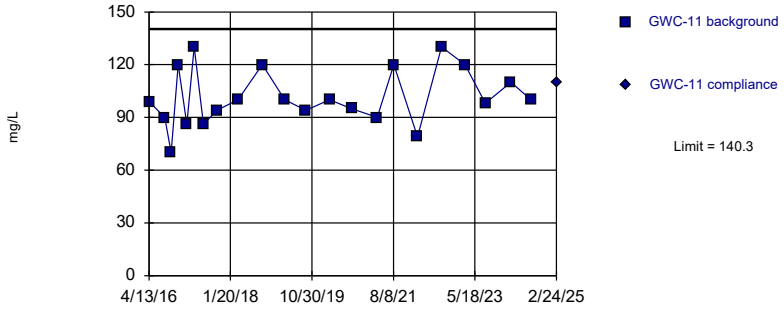
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=101.4, Std. Dev.=16.17, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9442, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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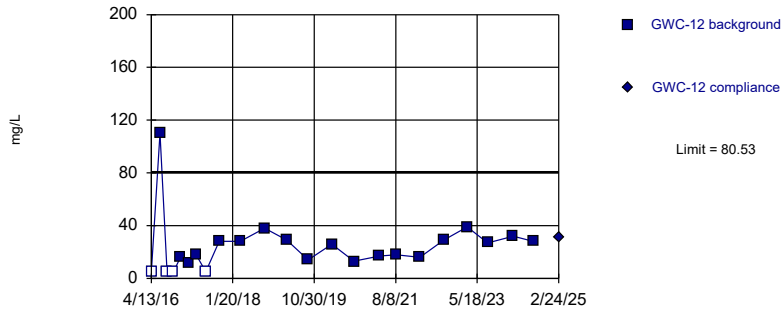
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=2.578, Std. Dev.=0.7293, n=23, 17.39% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8986, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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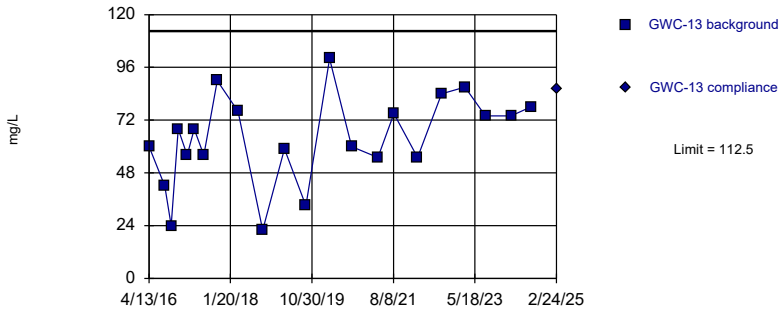
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=63.45, Std. Dev.=20.4, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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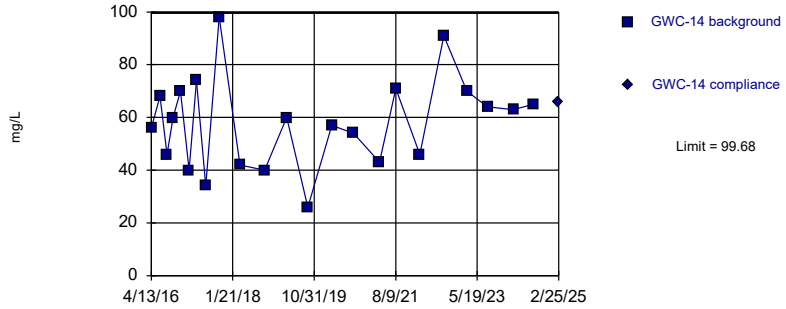
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=58.17, Std. Dev.=17.4, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9705, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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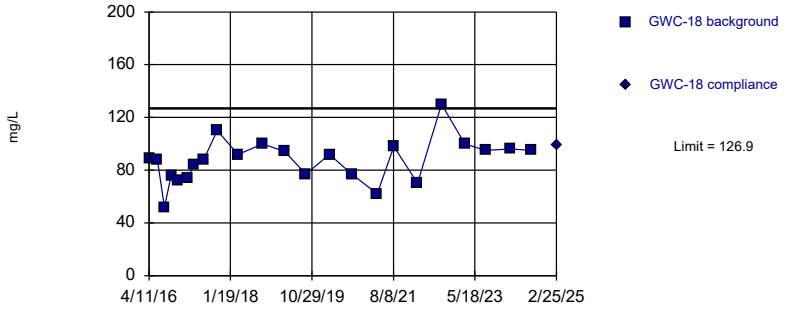
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=87.43, Std. Dev.=16.53, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9658, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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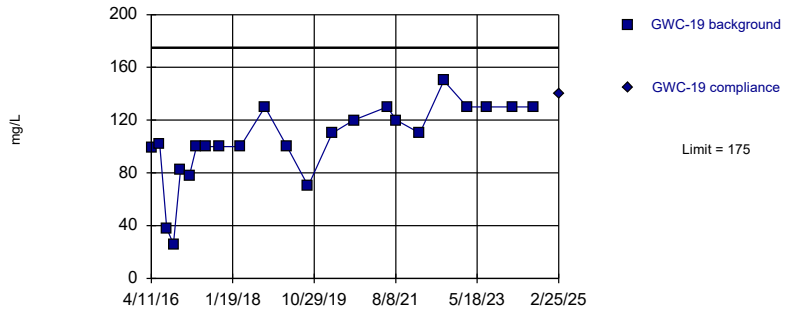
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=103.7, Std. Dev.=29.86, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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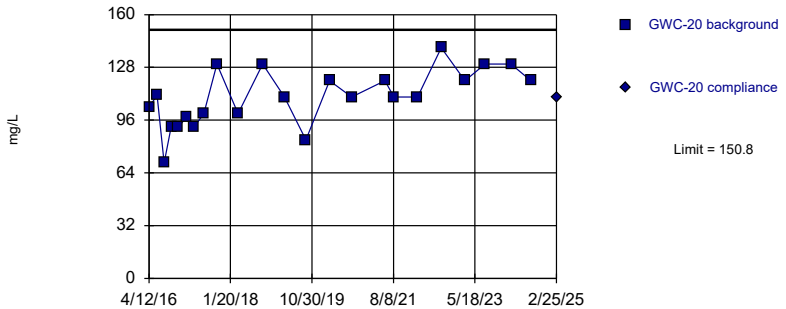
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=109.7, Std. Dev.=17.22, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9691, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	<0.08	
6/15/2016	0.0031 (J)	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/3/2023	0.03 (J)	
3/4/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/3/2023	<0.08	
2/28/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<0.08	
6/15/2016	0.0028 (J)	
8/10/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/28/2023	<0.08	
8/3/2023	<0.08	
2/28/2024	<0.08	
8/6/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	0.0044 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	0.053 (J)	
8/18/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	<0.08	
6/16/2016	0.0034 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	0.023 (J)	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	<0.08	
6/20/2016	0.0015 (J)	
8/12/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.078 (J)	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/9/2023	<0.08	
3/4/2024	<0.08	
8/7/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	<0.08	
6/20/2016	0.0026 (J)	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/7/2024	0.13	
11/6/2024	0.022 (J)	
2/25/2025		0.029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	<0.1	
6/22/2016	0.238	
8/16/2016	0.39	
10/6/2016	0.34	
12/1/2016	0.37	
2/9/2017	0.38	
4/6/2017	0.4	
6/21/2017	0.39	
10/5/2017	0.47	
3/22/2018	0.48	
10/3/2018	0.47	
3/27/2019	0.33	
9/11/2019	0.31	
3/18/2020	0.26	
9/9/2020	0.24	
4/1/2021	0.23	
8/12/2021	0.19	
2/15/2022	0.19	
8/25/2022	0.19	
2/28/2023	0.19	
8/8/2023	0.15	
2/29/2024	0.17	
8/6/2024	0.14	
2/25/2025		0.14

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	0.042 (J)	
8/11/2021	0.057 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/7/2024	0.085	
11/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<0.08	
6/20/2016	0.0019 (J)	
8/15/2016	<0.08	
10/6/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	0.056 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.145	
10/10/2016	0.12	
12/1/2016	0.12	
2/9/2017	0.13	
4/7/2017	0.21	
6/21/2017	0.23	
8/15/2017	0.27	
9/1/2017	0.24	
10/9/2017	0.24	
3/22/2018	0.25	
10/4/2018	0.21	
3/27/2019	0.16	
9/11/2019	0.21	
3/18/2020	0.16	
9/9/2020	0.13	
4/5/2021	0.18	
8/12/2021	0.23	
2/15/2022	0.13	
8/25/2022	0.18	
2/27/2023	0.14	
8/8/2023	0.14	
2/29/2024	0.15	
8/6/2024	0.19	
2/24/2025		0.17

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.0774 (J)	
6/22/2016	0.0663 (J)	
8/15/2016	0.093	
10/6/2016	0.096	
12/1/2016	0.12	
2/8/2017	0.094	
4/6/2017	0.11	
6/21/2017	0.1	
10/5/2017	0.083	
3/21/2018	0.089	
10/2/2018	0.083	
3/27/2019	0.067	
9/11/2019	0.083	
3/18/2020	0.058 (J)	
9/9/2020	0.088	
4/1/2021	0.059 (J)	
8/12/2021	0.1	
2/15/2022	0.07 (J)	
8/25/2022	0.13	
2/27/2023	0.082	
8/8/2023	0.087	
3/1/2024	0.085	
8/6/2024	0.12	
2/24/2025		0.056 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	<0.08	
6/21/2016	0.0068 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/17/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	0.11	
12/28/2022	0.098	
2/21/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<0.08	
6/21/2016	0.0053 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<0.08	
6/21/2016	0.0099 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
2/29/2024	0.024 (J)	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	<0.08	
6/21/2016	0.0062 (J)	
8/15/2016	<0.08	
10/7/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.056 (J)	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<0.08	
6/21/2016	0.0115 (J)	
8/15/2016	<0.08	
10/4/2016	<0.08	
12/1/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/8/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<0.08	
6/16/2016	0.0024 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/9/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<0.08	
6/16/2016	0.0026 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/9/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<0.08	
6/16/2016	0.0022 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	0.12	
12/28/2022	<0.08	
2/28/2023	<0.08	
8/8/2023	<0.08	
3/1/2024	0.025 (J)	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	3.62	
6/15/2016	4.5	
8/10/2016	3.8	
10/4/2016	5.3	
11/30/2016	4.7	
2/7/2017	3.8	
4/4/2017	3.8	
6/20/2017	4.1	
10/4/2017	4.6	
3/20/2018	4.2	
10/2/2018	4.2	
3/26/2019	4	
9/10/2019	4.8	
3/18/2020	3.8	
9/9/2020	4	
4/1/2021	4	
8/11/2021	4.1	
2/15/2022	3.6	
8/25/2022	4.9	
2/28/2023	4.1	
8/3/2023	4.7	
3/4/2024	3.8	
8/6/2024	4.2	
2/25/2025		4.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	12.1	
6/15/2016	11.8	
8/10/2016	10	
10/4/2016	14	
11/29/2016	10	
2/7/2017	12	
4/4/2017	11	
6/20/2017	11	
10/5/2017	13	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/10/2019	12	
3/18/2020	12	
9/9/2020	11	
4/1/2021	12	
8/11/2021	11	
2/15/2022	10	
8/25/2022	13	
2/28/2023	13	
8/3/2023	13	
2/28/2024	15	
8/6/2024	15	
2/25/2025		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	6.58	
6/15/2016	6.9	
8/10/2016	5.5	
10/5/2016	6.8	
11/29/2016	4.8	
2/7/2017	7.8	
4/4/2017	6.4	
6/20/2017	7	
10/5/2017	6.6	
3/20/2018	6.6	
10/2/2018	5.8	
3/26/2019	6.7	
9/10/2019	7.5	
3/18/2020	7.3	
9/9/2020	7.3	
4/1/2021	7.8	
8/11/2021	7.3	
2/15/2022	7.1	
8/24/2022	8.9	
2/28/2023	8.7	
8/3/2023	8.3	
2/28/2024	9	
8/6/2024	9	
2/26/2025		7.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	17.1	
6/16/2016	19.8	
8/11/2016	15	
10/4/2016	17	
11/30/2016	16	
2/7/2017	17	
4/5/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	16	
9/10/2019	17	
3/18/2020	19	
9/9/2020	17	
4/1/2021	18	
8/18/2021	18	
2/15/2022	16	
8/24/2022	17	
2/27/2023	19	
8/9/2023	18	
3/1/2024	18	
8/6/2024	18	
2/25/2025		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	17	
6/16/2016	19.7	
8/11/2016	15	
10/4/2016	18	
11/30/2016	16	
2/7/2017	18	
4/6/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	17	
9/10/2019	18	
3/18/2020	18	
9/9/2020	17	
4/1/2021	17	
8/12/2021	17	
2/15/2022	16	
8/26/2022	18	
2/27/2023	19	
8/9/2023	18	
3/1/2024	18	
8/6/2024	19	
2/25/2025		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	8.52	
6/20/2016	7.7	
8/12/2016	7.3	
10/5/2016	8.4	
11/30/2016	8	
2/8/2017	9.3	
4/6/2017	8.1	
6/21/2017	9.2	
10/5/2017	10	
3/21/2018	9.3	
10/3/2018	7.5	
3/26/2019	7.3	
9/10/2019	6.6	
3/18/2020	5.9	
9/10/2020	6.3	
4/6/2021	7.4	
8/12/2021	6.6	
2/15/2022	6	
8/25/2022	5.5	
2/28/2023	5.9	
8/9/2023	6.7	
3/4/2024	8.9	
8/7/2024	10	
2/25/2025		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20
2/27/2023		26
8/8/2023		25
2/29/2024		31
8/7/2024		29
2/25/2025		46

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	198 (o)	
6/22/2016	132	
8/16/2016	94	
10/6/2016	100	
12/1/2016	100	
2/9/2017	120	
4/6/2017	140	
6/21/2017	160	
10/5/2017	130	
3/22/2018	130	
10/3/2018	88	
3/27/2019	75	
9/11/2019	46	
3/18/2020	61	
9/9/2020	35	
4/1/2021	40	
8/12/2021	46	
2/15/2022	36	
8/25/2022	37	
2/28/2023	34	
8/8/2023	30	
2/29/2024	30	
8/6/2024	30	
2/25/2025		25

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023	17	
8/8/2023	15	
2/29/2024	20	
5/20/2024	14	
8/7/2024	16	
2/24/2025		23

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	14	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021	15	
8/11/2021	14	
2/15/2022	13	
8/25/2022	16	
2/27/2023	16	
8/8/2023	15	
2/29/2024	17	
5/7/2024	17	
8/6/2024	17	
2/24/2025		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	20	
10/10/2016	19	
12/1/2016	18	
2/9/2017	20	
4/7/2017	27	
6/21/2017	27	
8/15/2017	29	
9/1/2017	32	
10/9/2017	31	
3/22/2018	30	
10/4/2018	37	
3/27/2019		47
9/11/2019		37
3/18/2020		53
9/9/2020		64
4/5/2021		52
8/12/2021		37
2/15/2022		49
8/25/2022		39
2/27/2023		64
8/8/2023		53
2/29/2024		49
8/6/2024		36
2/24/2025		42

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	18	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021	16	
8/12/2021	18	
2/15/2022	16	
8/25/2022	21	
12/28/2022	18	
2/27/2023	20	
8/8/2023	18	
3/1/2024	20	
8/6/2024	22	
11/6/2024	23	
2/24/2025		34

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	15.6	
6/21/2016	14.4	
8/15/2016	14	
10/5/2016	17	
12/1/2016	15	
2/8/2017	17	
4/6/2017	16	
6/21/2017	16	
10/5/2017	19	
3/21/2018	17	
10/2/2018	17	
3/27/2019	16	
9/11/2019	18	
3/18/2020	20	
9/9/2020	20	
4/1/2021	19	
8/17/2021	18	
2/15/2022	17	
8/25/2022	20	
2/21/2023	20	
8/9/2023	18	
3/1/2024	20	
8/6/2024	19	
2/24/2025		20

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	12.8	
6/21/2016	11.6	
8/15/2016	11	
10/5/2016	14	
12/1/2016	12	
2/8/2017	13	
4/6/2017	12	
6/20/2017	13	
10/5/2017	14	
3/21/2018	13	
10/2/2018	12	
3/27/2019	12	
9/11/2019	13	
3/18/2020	14	
9/10/2020	13	
4/1/2021	13	
8/11/2021	13	
2/16/2022	12	
8/25/2022	14	
2/27/2023	14	
8/9/2023	14	
2/29/2024	14	
8/6/2024	13	
2/24/2025		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.18	
6/21/2016	1.12	
8/15/2016	0.95	
10/5/2016	1	
12/1/2016	0.92	
2/8/2017	1.2	
4/5/2017	1.1	
6/20/2017	0.96	
10/5/2017	1.1	
3/21/2018	1.3	
10/2/2018	0.86	
3/26/2019	1.1	
9/11/2019	0.94	
3/18/2020	1.6	
9/10/2020	1.1	
4/1/2021	1.2	
8/11/2021	1	
2/16/2022	1.1	
8/26/2022	0.99	
2/27/2023	1.2	
8/9/2023	1.1	
2/29/2024	1.4	
8/6/2024	1.1	
2/24/2025		1.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	5.71	
6/21/2016	5.54	
8/15/2016	5.8	
10/7/2016	6.1	
12/1/2016	5.8	
2/9/2017	6.3	
4/6/2017	5.8	
6/22/2017	6.4	
10/6/2017	7.4	
3/22/2018	6.8	
10/3/2018	6.4	
3/26/2019	6.3	
9/11/2019	7	
3/18/2020	9.3	
9/10/2020	6.7	
4/6/2021	7.4	
8/11/2021	6.7	
2/16/2022	6.7	
8/26/2022	7.5	
2/27/2023	8.1	
8/9/2023	7.7	
3/1/2024	7.6	
8/6/2024	7.4	
2/24/2025		7.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	6.55	
6/21/2016	6.04	
8/15/2016	5.9	
10/4/2016	6.6	
12/1/2016	5.4	
2/7/2017	6.1	
4/6/2017	6.1	
6/20/2017	6.6	
10/5/2017	7.2	
3/20/2018	6.6	
10/2/2018	6.5	
3/26/2019	6.4	
9/11/2019	7.3	
3/18/2020	6.9	
9/9/2020	6.5	
4/1/2021	6.2	
8/11/2021	6.9	
2/16/2022	6.3	
8/26/2022	7	
2/27/2023	7.3	
8/9/2023	7.2	
3/1/2024	7.6	
8/8/2024	8.3	
2/25/2025		7.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	10.5	
6/16/2016	11.6	
8/11/2016	10	
10/5/2016	11	
11/29/2016	9.6	
2/8/2017	10	
4/6/2017	9.7	
6/21/2017	9.7	
10/5/2017	11	
3/20/2018	11	
10/2/2018	9.6	
3/26/2019	9.6	
9/11/2019	10	
3/18/2020	11	
9/9/2020	10	
4/1/2021	11	
8/11/2021	10	
2/16/2022	9.7	
8/25/2022	11	
2/28/2023	11	
8/9/2023	11	
2/29/2024	11	
8/6/2024	11	
2/25/2025		10

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
8/11/2021		17
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19
2/28/2023		18
8/8/2023		18
2/29/2024		19
8/6/2024		20
2/25/2025		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021	14	
8/11/2021	14	
2/16/2022	13	
8/25/2022	15	
2/28/2023	16	
8/8/2023	16	
3/1/2024	17	
8/6/2024	17	
2/25/2025		18

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	5.342	
6/15/2016	5.2	
8/10/2016	5.5	
10/4/2016	5.4	
11/30/2016	5.4	
2/7/2017	5.1	
4/4/2017	5.1	
6/20/2017	5.2	
10/4/2017	5.2	
3/20/2018	5.6	
10/2/2018	6.3	
3/26/2019	5.5	
9/10/2019	5.2	
3/18/2020	5.4	
9/9/2020	6.1	
4/1/2021	7	
8/11/2021	7.2	
2/15/2022	6.5	
8/25/2022	6.9	
2/28/2023	6.3	
8/3/2023	6.3	
3/4/2024	5.6	
8/6/2024	6	
2/25/2025		5.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	1.789	
6/15/2016	2.1	
8/10/2016	1.8	
10/4/2016	1.7	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.6	
6/20/2017	1.6	
10/5/2017	1.5	
3/20/2018	1.5	
10/2/2018	1.6	
3/26/2019	1.5	
9/10/2019	1.4	
3/18/2020	1.7	
9/9/2020	1.6	
4/1/2021	1.8	
8/11/2021	1.8	
2/15/2022	1.6	
8/25/2022	1.6	
2/28/2023	1.7	
8/3/2023	1.6	
2/28/2024	1.6	
8/6/2024	1.7	
2/25/2025		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	1.69	
6/15/2016	1.9	
8/10/2016	1.7	
10/5/2016	1.6	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.5	
6/20/2017	1.5	
10/5/2017	1.5	
3/20/2018	1.4	
10/2/2018	1.5	
3/26/2019	1.3	
9/10/2019	1.3	
3/18/2020	2	
9/9/2020	1.3	
4/1/2021	1.5	
8/11/2021	1.4	
2/15/2022	1.4	
8/24/2022	1.4	
2/28/2023	1.4	
8/3/2023	1.3	
2/28/2024	1.4	
8/6/2024	1.4	
2/26/2025		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8 (D)	
8/11/2016	4	
10/4/2016	3.6	
11/30/2016	3.8	
2/7/2017	4.3	
4/5/2017	4.1	
6/20/2017	3.9	
10/4/2017	3.6	
3/20/2018	3.9	
10/2/2018	3.7	
3/26/2019	3.6	
9/10/2019	2.9	
3/18/2020	4.2	
9/9/2020	3.9	
4/1/2021	4.2	
8/18/2021	4	
2/15/2022	4	
8/24/2022	3.6	
2/27/2023	3.8	
8/9/2023	3.5	
3/1/2024	4.2	
8/6/2024	3.5	
2/25/2025		3.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4 (D)	
8/11/2016	2.4	
10/4/2016	2.2	
11/30/2016	2.2	
2/7/2017	2.1	
4/6/2017	2.1	
6/20/2017	2.1	
10/4/2017	2	
3/20/2018	2	
10/2/2018	2	
3/26/2019	1.9	
9/10/2019	1.7	
3/18/2020	2.4	
9/9/2020	2	
4/1/2021	2.5	
8/12/2021	2.5	
2/15/2022	2.2	
8/26/2022	2.1	
2/27/2023	2.2	
8/9/2023	2.1	
3/1/2024	2.5	
8/6/2024	2.2	
2/25/2025		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	3.04	
6/20/2016	3.1	
8/16/2016	3.2	
10/5/2016	3.2	
11/30/2016	3.3	
2/8/2017	3.5	
4/6/2017	3.4	
6/21/2017	3.5	
10/5/2017	3.5	
3/21/2018	3.4	
10/3/2018	3.5	
3/26/2019	3	
9/10/2019	2.5	
3/18/2020	2.8	
9/10/2020	2.7	
4/6/2021	2.9	
8/12/2021	3.3	
2/15/2022	2.7	
8/25/2022	3.2	
2/28/2023	3.1	
8/9/2023	3.2	
3/4/2024	3	
8/7/2024	2.7	
2/25/2025		2.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28
8/7/2024		19
2/25/2025		28

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	124 (O)	
6/22/2016	81	
8/16/2016	71	
10/6/2016	68	
12/1/2016	74	
2/9/2017	76	
4/6/2017	92	
6/21/2017	100	
10/5/2017	67	
3/22/2018	74	
10/3/2018	46	
3/27/2019	42	
9/11/2019	19	
3/18/2020	30	
9/9/2020	8.7	
4/1/2021	18	
8/12/2021	22	
2/15/2022	16	
8/25/2022	12	
2/28/2023	11	
8/8/2023	8.2	
2/29/2024	8.2	
8/6/2024	8.1	
2/25/2025		4.9 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	6.07	
6/20/2016	6.8	
8/16/2016	7.6	
10/6/2016	7.3	
11/30/2016	7.1	
2/9/2017	5.8	
4/6/2017	5.7	
6/21/2017	6.1	
10/6/2017	5.1	
3/21/2018	5.4	
10/3/2018	5.7	
3/26/2019	4.2	
9/11/2019	7.2	
3/18/2020	4	
9/10/2020	6.3	
6/2/2021	6.3	
8/11/2021	6.5	
2/15/2022	6.1	
8/25/2022	6.2	
2/27/2023	5.2	
8/8/2023	5.5	
2/29/2024	7	
8/7/2024	5.9	
2/24/2025		6.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	1.68	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021	2.9	
8/11/2021	3	
2/15/2022	2.7	
8/25/2022	3	
2/27/2023	3.5	
8/8/2023	3.8	
2/29/2024	4.8	
8/6/2024	4.9	
2/24/2025		6.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	6.9	
10/10/2016	7.2	
12/1/2016	7.1	
2/9/2017	7.2	
4/7/2017	7.5	
6/21/2017	7.6	
8/15/2017	7.8	
9/1/2017	7.6	
10/9/2017	7.5	
3/22/2018	7	
10/4/2018	6.1	
3/27/2019	6.6	
9/11/2019	7	
3/18/2020	8.5	
9/9/2020	11	
6/1/2021	9.4	
8/12/2021	7.8	
2/15/2022	9.1	
8/25/2022	7.5	
2/27/2023	8.8	
8/8/2023	8.2	
2/29/2024	8.1	
8/6/2024	6.8	
2/24/2025		6.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	3.64	
6/22/2016	3.8	
8/15/2016	3.7	
10/6/2016	3.4	
12/1/2016	4	
2/8/2017	4	
4/6/2017	4	
6/21/2017	3.3	
10/5/2017	3.3	
3/21/2018	3.6	
10/2/2018	3.1	
3/27/2019	3	
9/11/2019	3.4	
3/18/2020	3.4	
9/9/2020	3.2	
4/1/2021	4.3	
8/12/2021	4.1	
2/15/2022	3.7	
8/25/2022	4.2	
2/27/2023	4.2	
8/8/2023	4	
3/1/2024	5.2	
8/6/2024	5.2	
2/24/2025		6.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	2.04	
6/21/2016	2.2	
8/15/2016	2.2	
10/5/2016	2.1	
12/1/2016	2.1	
2/8/2017	2.3	
4/6/2017	2.2	
6/21/2017	2.3	
10/5/2017	2.3	
3/21/2018	2.3	
10/2/2018	2.6	
3/27/2019	2.4	
9/11/2019	2.9	
3/18/2020	4.1	
9/9/2020	4.3	
4/1/2021	4.4	
8/17/2021	3.1	
2/15/2022	4.6	
8/25/2022	5	
2/21/2023	4.3	
8/9/2023	3.7	
3/1/2024	5	
8/6/2024	5.2	
2/24/2025		4.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	1.78	
6/21/2016	2	
8/15/2016	1.9	
10/5/2016	1.8	
12/1/2016	1.8	
2/8/2017	1.8	
4/6/2017	1.7	
6/20/2017	1.7	
10/5/2017	1.7	
3/21/2018	1.6	
10/2/2018	1.7	
3/27/2019	1.5	
9/11/2019	1.8	
3/18/2020	1.9	
9/10/2020	1.9	
4/1/2021	1.9	
8/11/2021	1.8	
2/16/2022	1.7	
8/25/2022	1.8	
2/27/2023	1.8	
8/9/2023	1.7	
2/29/2024	2.2	
8/6/2024	1.9	
2/24/2025		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.8	
6/21/2016	2	
8/15/2016	1.8	
10/5/2016	1.7	
12/1/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/20/2017	1.6	
10/5/2017	1.6	
3/21/2018	1.6	
10/2/2018	1.6	
3/26/2019	1.7	
9/11/2019	1.9	
3/18/2020	2.1	
9/10/2020	1.8	
4/1/2021	2	
8/11/2021	1.8	
2/16/2022	1.9	
8/26/2022	1.7	
2/27/2023	1.9	
8/9/2023	1.8	
2/29/2024	2.3	
8/6/2024	2	
2/24/2025		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	1.82	
6/21/2016	1.9	
8/15/2016	1.6	
10/7/2016	1.5	
12/1/2016	1.4	
2/9/2017	1.5	
4/6/2017	1.4	
6/22/2017	1.5	
10/6/2017	1.3	
3/22/2018	1.4	
10/3/2018	1.5	
3/26/2019	1.6	
9/11/2019	1.5	
3/18/2020	1.6	
9/10/2020	1.7	
4/6/2021	1.8	
8/11/2021	1.6	
2/16/2022	1.5	
8/26/2022	1.5	
2/27/2023	1.5	
8/9/2023	1.4	
3/1/2024	1.8	
8/6/2024	1.5	
2/24/2025		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	2.71	
6/21/2016	3	
8/15/2016	3.1	
10/4/2016	3	
12/1/2016	3.1	
2/7/2017	2.9	
4/6/2017	2.7	
6/20/2017	2.9	
10/5/2017	2.8	
3/20/2018	2.7	
10/2/2018	3	
3/26/2019	2.5	
9/11/2019	3.1	
3/18/2020	3	
9/9/2020	2.9	
4/1/2021	3.8	
8/11/2021	3.7	
2/16/2022	3.2	
8/26/2022	3.3	
2/27/2023	3.5	
8/9/2023	3.5	
3/1/2024	4.7	
8/8/2024	4.4	
2/25/2025		4.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5 (D)	
8/11/2016	2.6	
10/5/2016	2.5	
11/29/2016	2.4	
2/8/2017	2.5	
4/6/2017	2.4	
6/21/2017	2.4	
10/5/2017	2.3	
3/20/2018	2.3	
10/2/2018	2.5	
3/26/2019	2.7	
9/11/2019	2.6	
3/18/2020	2.7	
9/9/2020	2.8	
4/1/2021	2.8	
8/11/2021	2.9	
2/16/2022	2.7	
8/25/2022	2.8	
2/28/2023	2.8	
8/9/2023	2.6	
2/29/2024	3.2	
8/6/2024	2.8	
2/25/2025		2.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9 (D)	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021	2.6	
8/11/2021	2.8	
2/16/2022	2.4	
8/25/2022	2.4	
2/28/2023	2.6	
8/8/2023	2.6	
2/29/2024	3.1	
8/6/2024	2.8	
2/25/2025		2.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2 (D)	
8/11/2016	2.1	
10/5/2016	1.9	
11/30/2016	2	
2/8/2017	2	
4/6/2017	<1	
6/21/2017	1.9	
10/5/2017	1.9	
3/21/2018	1.8	
10/3/2018	2	
3/26/2019	1.9	
9/12/2019	1.6	
3/19/2020	2.2	
9/10/2020	2.1	
6/1/2021	2.1	
8/11/2021	2.1	
2/16/2022	2	
8/25/2022	2.1	
2/28/2023	2.2	
8/8/2023	2.2	
3/1/2024	2.5	
8/6/2024	2.3	
2/25/2025		2.4

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/4/2016	<0.01	
11/30/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	<0.01	
3/18/2020	0.036 (J)	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.036 (J)	
2/15/2022	0.054 (J)	
8/25/2022	<0.01	
2/28/2023	0.077 (J)	
8/3/2023	<0.01	
3/4/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/4/2016	<0.01	
11/29/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.041 (J)	
9/10/2019	0.047 (J)	
3/18/2020	0.041 (J)	
9/9/2020	0.034 (J)	
4/1/2021	0.035 (J)	
8/11/2021	0.05 (J)	
2/15/2022	0.079 (J)	
8/25/2022	0.047 (J)	
2/28/2023	0.089 (J)	
8/3/2023	0.074 (J)	
2/28/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.042 (J)	
9/10/2019	0.046 (J)	
3/18/2020	0.071 (J)	
9/9/2020	0.036 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.053 (J)	
2/15/2022	0.083 (J)	
8/24/2022	0.047 (J)	
2/28/2023	0.067 (J)	
8/3/2023	0.068 (J)	
2/28/2024	<0.01	
8/6/2024	<0.01	
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (JD)	
8/11/2016	0.092 (J)	
10/4/2016	<0.01	
11/30/2016	0.091 (J)	
2/7/2017	<0.01	
4/5/2017	<0.01	
6/20/2017	0.082 (J)	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021	0.081 (J)	
8/18/2021	0.14	
10/18/2021	0.081 (J)	
2/15/2022	0.12	
5/12/2022	0.048 (J)	
8/24/2022	0.075 (J)	
2/27/2023	0.08 (J)	
8/9/2023	0.11	
3/1/2024	<0.01	
8/6/2024	0.079 (J)	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/4/2016	<0.01	
11/30/2016	<0.01	
2/7/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.046 (J)	
9/10/2019	0.048 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.043 (J)	
8/12/2021	0.054 (J)	
2/15/2022	0.072 (J)	
8/26/2022	0.048 (J)	
2/27/2023	0.055 (J)	
8/9/2023	0.068 (J)	
3/1/2024	<0.01	
8/6/2024	0.049 (J)	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.057 (J)	
6/20/2016	0.04 (J)	
8/16/2016	<0.01	
10/5/2016	<0.01	
11/30/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.046 (J)	
9/10/2019	0.058 (J)	
3/18/2020	0.091 (J)	
9/10/2020	0.063 (J)	
4/6/2021	0.045 (J)	
8/12/2021	0.084 (J)	
2/15/2022	0.092 (J)	
8/25/2022	0.059 (J)	
2/28/2023	0.08 (J)	
8/9/2023	0.076 (J)	
3/4/2024	<0.01	
8/7/2024	0.059 (J)	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	0.121 (J)	
6/20/2016	0.04 (J)	
8/16/2016	0.13 (J)	
10/6/2016	0.1 (J)	
11/30/2016	0.13 (J)	
2/8/2017	0.093 (J)	
4/6/2017	0.1 (J)	
6/22/2017	0.11 (J)	
10/6/2017	0.096 (J)	
3/21/2018	0.094 (J)	
10/3/2018	0.1 (J)	
3/26/2019	0.087 (J)	
9/10/2019	0.097 (J)	
3/19/2020	0.038 (J)	
9/10/2020	0.1	
4/2/2021	0.097 (J)	
8/12/2021	0.11	
2/15/2022	0.13	
8/25/2022	0.077 (J)	
2/27/2023	0.075 (J)	
8/8/2023	0.1	
2/29/2024	<0.01	
8/7/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.01	
8/16/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.029 (J)	
8/12/2021	0.045 (J)	
2/15/2022	0.16	
5/12/2022	0.03 (J)	
8/25/2022	0.047 (J)	
2/28/2023	0.065 (J)	
8/8/2023	0.066 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.01	
8/16/2016	<0.01	
10/6/2016	<0.01	
11/30/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/6/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.058 (J)	
9/11/2019	0.058 (J)	
3/18/2020	0.082 (J)	
9/10/2020	0.052 (J)	
6/2/2021	0.038 (J)	
8/11/2021	0.055 (J)	
2/15/2022	0.095 (J)	
8/25/2022	0.058 (J)	
2/27/2023	0.072 (J)	
8/8/2023	0.1	
2/29/2024	<0.01	
8/7/2024	0.065 (J)	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	0.061 (J)	
6/20/2016	0.12 (J)	
8/15/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/7/2017	<0.01	
6/22/2017	<0.01	
10/6/2017	<0.01	
3/22/2018	<0.01	
10/4/2018	<0.01	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.01	
9/10/2020	0.053 (J)	
4/1/2021	0.072 (J)	
8/11/2021	0.058 (J)	
2/15/2022	0.083 (J)	
8/25/2022	0.051 (J)	
2/27/2023	0.054 (J)	
8/8/2023	0.084 (J)	
2/29/2024	<0.01	
8/6/2024	0.048 (J)	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.135 (J)	
10/10/2016	0.12 (J)	
12/1/2016	0.12 (J)	
2/9/2017	0.11 (J)	
4/7/2017	0.15 (J)	
6/21/2017	0.21	
8/15/2017	0.1 (J)	
9/1/2017	0.084 (J)	
10/9/2017	0.11 (J)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J)	
3/27/2019	0.071 (J)	
9/11/2019	0.071 (J)	
3/18/2020	0.073 (J)	
9/9/2020	0.038 (J)	
6/1/2021	0.034 (J)	
8/12/2021	0.087 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.059 (J)	
2/27/2023	0.097 (J)	
8/8/2023	0.053 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.083 (J)	
6/22/2016	0.03 (J)	
8/15/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	0.084 (J)	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.066 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.096 (J)	
9/9/2020	0.067 (J)	
4/1/2021	0.072 (J)	
8/12/2021	0.085 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.064 (J)	
2/27/2023	0.07 (J)	
8/8/2023	0.088 (J)	
3/1/2024	<0.01	
8/6/2024	0.07 (J)	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.082 (J)	
6/21/2016	0.02 (J)	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.077 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.088 (J)	
9/9/2020	0.055 (J)	
4/1/2021	0.086 (J)	
8/17/2021	0.083 (J)	
2/15/2022	0.099 (J)	
8/25/2022	0.065 (J)	
2/21/2023	0.061 (J)	
8/9/2023	0.083 (J)	
3/1/2024	<0.01	
8/6/2024	0.064 (J)	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	0.061 (J)	
6/21/2016	0.03 (J)	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.048 (J)	
9/11/2019	0.054 (J)	
3/18/2020	0.064 (J)	
9/10/2020	0.052 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.01	
8/25/2022	0.059 (J)	
2/27/2023	0.064 (J)	
8/9/2023	0.071 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	0.01 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/5/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.029 (J)	
2/16/2022	<0.01	
8/26/2022	0.026 (J)	
2/27/2023	0.032 (J)	
8/9/2023	<0.01	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.039 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/7/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/22/2017	<0.01	
10/6/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.04 (J)	
9/11/2019	0.051 (J)	
3/18/2020	0.055 (J)	
9/10/2020	0.034 (J)	
4/6/2021	0.026 (J)	
8/11/2021	0.045 (J)	
2/16/2022	<0.01	
8/26/2022	0.055 (J)	
2/27/2023	0.055 (J)	
8/9/2023	0.06 (J)	
3/1/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	0.027 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/4/2016	<0.01	
12/1/2016	<0.01	
2/7/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.045 (J)	
2/16/2022	<0.01	
8/26/2022	0.068 (J)	
2/27/2023	0.047 (J)	
8/9/2023	<0.01	
3/1/2024	<0.01	
8/8/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.01	
9/9/2020	0.045 (J)	
4/1/2021	0.041 (J)	
8/11/2021	0.062 (J)	
2/16/2022	0.034 (J)	
8/25/2022	0.047 (J)	
2/28/2023	0.12	
8/9/2023	0.066 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/8/2017	<0.01	
4/5/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.01	
9/9/2020	0.034 (J)	
6/1/2021	0.026 (J)	
8/11/2021	0.047 (J)	
2/16/2022	0.028 (J)	
8/25/2022	0.042 (J)	
2/28/2023	0.079 (J)	
8/8/2023	0.067 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/30/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.01	
9/10/2020	0.051 (J)	
6/1/2021	0.033 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.01	
8/25/2022	0.05 (J)	
2/28/2023	0.089 (J)	
8/8/2023	0.053 (J)	
3/1/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	4.81	
6/18/2010	5.6	
7/28/2010	5.92	
9/9/2010	4.89	
4/30/2011	5.27	
10/28/2011	5.45	
5/2/2012	5.8	
11/9/2012	5.3	
5/8/2013	5.76	
11/5/2013	5.08	
5/20/2014	5.26 (D)	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5	
6/15/2016	5.52	
8/10/2016	5.5	
10/4/2016	5.56	
11/30/2016	5.46	
2/7/2017	5.28	
4/1/2017	5.48	
4/4/2017	5.48	
6/20/2017	5.44	
10/4/2017	5.44	
3/20/2018	5.48	
10/2/2018	5.49	
3/26/2019	5.41	
9/10/2019	5.41	
3/18/2020	5.42	
9/9/2020	5.71	
4/1/2021	5.31	
8/11/2021	5.5	
2/15/2022	5.4	
8/25/2022	5.4	
2/28/2023	5.4	
8/3/2023	5.48	
3/4/2024	5.24	
8/6/2024	5.48	
2/25/2025		5.43

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	5.94	
6/16/2010	6.4	
7/27/2010	6.53	
9/7/2010	6.06	
4/29/2011	6.18	
10/28/2011	6.63	
5/2/2012	6.25	
11/9/2012	6.31	
5/8/2013	6.34	
11/6/2013	6.6	
5/20/2014	6.16 (D)	
11/8/2014	6.52	
5/22/2015	6.3	
11/9/2015	5.63	
11/11/2015	6.36	
4/6/2016	6.46	
6/15/2016	6.39	
8/10/2016	6.39	
10/4/2016	6.4	
11/29/2016	6.36	
2/7/2017	6.45	
4/4/2017	6.37	
6/20/2017	6.4	
10/5/2017	6.42	
3/20/2018	6.36	
10/2/2018	6.38	
3/26/2019	6.42	
3/18/2020	6.29	
9/9/2020	6.33	
4/1/2021	6.44	
8/11/2021	6.35	
2/15/2022	6.46	
8/25/2022	6.42	
2/28/2023	6.45	
8/3/2023	6.24	
2/28/2024	6.49	
8/6/2024	6.35	
2/25/2025		6.76

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	5.2	
6/16/2010	5.93	
7/26/2010	6.03	
9/7/2010	6.23	
4/29/2011	5.68	
10/28/2011	5.89	
5/2/2012	5.74	
11/9/2012	5.75	
5/8/2013	5.53	
11/6/2013	5.92	
5/20/2014	5.635 (D)	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.96	
6/15/2016	5.96	
8/10/2016	5.94	
10/5/2016	5.86	
11/29/2016	5.82	
2/7/2017	6.15	
4/4/2017	6	
6/20/2017	6.34	
10/5/2017	5.93	
3/20/2018	5.97	
10/2/2018	6.03	
3/26/2019	6.12	
9/10/2019	6.31	
3/18/2020	6.03	
9/9/2020	6.05	
4/1/2021	6.14	
8/11/2021	6.14	
2/15/2022	6.2	
8/24/2022	6.22	
2/28/2023	6.19	
8/3/2023	6.22	
2/28/2024	6.41	
8/6/2024	6.21	
2/26/2025		6.65

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	6.09	
6/17/2010	6.19	
7/27/2010	6.41	
9/9/2010	6.19	
4/28/2011	6.46	
10/29/2011	6.49	
5/3/2012	6.66	
11/9/2012	6.45	
5/9/2013	6.58	
11/5/2013	6.42	
5/23/2014	6.345 (D)	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
9/10/2019	6.51	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021	6.52	
8/18/2021	6.59	
10/18/2021	6.36	
2/15/2022	6.83	
5/12/2022	6.55	
8/24/2022	6.42	
2/27/2023	6.56	
8/9/2023	6.57	
10/4/2023	6.56	
3/1/2024	6.71	
8/6/2024	6.61	
2/25/2025		6.77

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	5.89	
6/19/2010	6.14	
7/27/2010	6.42	
9/9/2010	5.79	
4/28/2011	6.74	
10/28/2011	6.62	
5/3/2012	6.53	
11/9/2012	6.42	
5/9/2013	6.97	
11/5/2013	6.66	
5/22/2014	6.515 (D)	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
9/10/2019	6.39	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021	7.32 (O)	
8/12/2021	6.41	
2/15/2022	6.61	
8/26/2022	6.37	
2/27/2023	6.41	
8/9/2023	6.6	
3/1/2024	6.5	
8/6/2024	6.7	
11/7/2024	6.45	
2/25/2025		6.49

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	5.45	
6/17/2010	6.08	
7/28/2010	6.18	
9/7/2010	5.37	
4/29/2011	5.82	
10/28/2011	5.93	
5/3/2012	5.91	
11/9/2012	5.93	
5/10/2013	6.16	
11/6/2013	6.03	
5/22/2014	5.825 (D)	
11/9/2014	6.1	
5/22/2015	5.92	
11/10/2015	6.02	
11/16/2015	6.02	
4/12/2016	5.97	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
9/10/2019	5.99	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023	6	
5/2/2023	6.27	
8/9/2023	6.07	
10/4/2023	6.03	
3/4/2024	6.11	
5/20/2024	5.9	
8/7/2024	5.84	
11/7/2024	6	
2/25/2025		5.93

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	5.79	
6/17/2010	6.45	
7/28/2010	6.53	
9/8/2010	5.69	
4/28/2011	6.17	
10/29/2011	6.36	
5/3/2012	6.26	
11/10/2012	6.27	
5/10/2013	6.43	
11/6/2013	6.37	
5/22/2014	6.19 (D)	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44	
6/20/2016	6.33	
8/12/2016	6.29	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
9/10/2019	6.31	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19	
8/25/2022	6.19	
12/28/2022	6.2	
2/27/2023	6.17	
5/2/2023	6.13	
8/8/2023	6.3	
2/29/2024	6.31	
5/20/2024	6.08	
8/7/2024	6.12	
11/6/2024	6.15	
2/25/2025		6.17

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	5.43	
6/18/2010	6.12	
7/27/2010	6.28	
9/9/2010	5.68	
4/29/2011	5.89	
10/28/2011	6.19	
5/4/2012	6.17	
11/10/2012	6.08	
5/9/2013	5.99	
11/6/2013	5.78	
5/22/2014	5.86 (D)	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
9/11/2019	5.82	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021	6.01	
8/12/2021	5.87	
2/15/2022	6.16	
5/12/2022	5.99	
8/25/2022	5.96	
2/28/2023	6	
8/8/2023	6.16	
2/29/2024	6.25	
8/6/2024	6	
2/25/2025		6.16

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	5.52	
6/18/2010	6.35	
7/27/2010	6.48	
9/9/2010	5.5	
4/30/2011	6.09	
10/29/2011	6.41	
5/4/2012	6.2	
11/10/2012	6.17	
5/9/2013	6.13	
11/7/2013	6.06	
5/21/2014	6.045 (D)	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
9/11/2019	6.23	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023	6.16	
8/8/2023	6.37	
2/29/2024	6.37	
5/20/2024	6.16	
8/7/2024	6.19	
11/6/2024	6.4	
2/24/2025		6.5

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	5.95	
6/18/2010	6.52	
7/28/2010	6.58	
9/9/2010	5.81	
4/30/2011	6.25	
10/29/2011	6.52	
5/4/2012	6.34	
11/10/2012	6.31	
5/9/2013	6.2	
11/7/2013	6.21	
5/21/2014	6.18 (D)	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
9/11/2019	6.35	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023	6.35	
5/2/2023	6.38	
8/8/2023	6.48	
2/29/2024	6.57	
5/7/2024	6.3	
8/6/2024	6.25	
11/6/2024	6.51	
2/24/2025		6.67

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	6.93	
6/19/2010	7.08	
7/28/2010	7.05	
9/8/2010	5.93	
4/30/2011	7.11	
10/27/2011	7.08	
5/4/2012	6.39	
11/11/2012	6.24	
5/10/2013	6.46	
11/7/2013	6.59	
5/21/2014	6.685 (D)	
11/13/2014	6.55	
5/23/2015	6.36	
11/11/2015	6.36	
4/19/2016	6.4	
6/23/2016	6.35	
8/23/2016	6.29	
10/10/2016	6.3 (D)	
12/1/2016	6.37 (D)	
2/9/2017	6.39 (D)	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11	
8/15/2017	6.95	
9/1/2017	6.86	
10/9/2017	6.75	
3/22/2018	7.05	
10/4/2018	7.26	
3/27/2019	6.69	
9/11/2019	6.72	
3/18/2020	6.42	
9/9/2020	6.3	
4/5/2021	6.35	
6/1/2021	6.28	
8/12/2021	6.37	
2/15/2022	6.34	
8/25/2022	6.29	
2/27/2023	6.27	
5/2/2023	6.23	
8/8/2023	6.38	
10/4/2023	6.45	
2/29/2024	6.52	
8/6/2024	6.35	
2/24/2025		6.75

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	5.99	
6/16/2010	5.97	
7/27/2010	6.69	
9/8/2010	6.15	
4/29/2011	6.31	
10/27/2011	6.72	
5/3/2012	6.74	
11/11/2012	6.59	
5/9/2013	6.67	
11/6/2013	6.38	
5/21/2014	6.355 (D)	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
9/11/2019	6.63	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62	
2/27/2023	6.57	
8/8/2023	6.63	
3/1/2024	6.82	
8/6/2024	6.47	
11/6/2024	6.58	
2/24/2025		7.14

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	5.97	
6/16/2010	5.82	
7/28/2010	6.47	
9/8/2010	6.08	
4/29/2011	6.3	
10/27/2011	6.47	
5/4/2012	6.5	
11/11/2012	6.21	
5/9/2013	6.51	
11/5/2013	6.07	
5/21/2014	6.125 (D)	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
9/11/2019	6.32	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021	6.35	
8/17/2021	6.45	
10/18/2021	6.25	
2/15/2022	6.48	
5/12/2022	6.31	
8/25/2022	6.2	
12/28/2022	6.36	
2/21/2023	6.33	
5/2/2023	6.3	
8/9/2023	6.3	
3/1/2024	6.47	
5/20/2024	6.28	
8/6/2024	6.22	
2/24/2025		6.27

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	5.58	
6/16/2010	5.78	
7/27/2010	6.38	
9/8/2010	5.64	
4/29/2011	6.14	
10/27/2011	6.19	
5/4/2012	6.28	
11/10/2012	6	
5/9/2013	6.28	
11/6/2013	5.69	
5/20/2014	6.09 (D)	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17	
6/21/2016	6.19	
8/15/2016	6.15	
10/5/2016	6.1	
12/1/2016	6.15	
2/8/2017	5.9	
4/6/2017	6.13	
6/20/2017	6.12	
10/5/2017	6.11	
3/21/2018	6.21	
10/2/2018	6.21	
3/27/2019	6.22	
9/11/2019	6.17	
3/18/2020	6.17	
9/10/2020	6.16	
4/1/2021	6.11	
8/11/2021	6.21	
2/16/2022	6.16	
8/25/2022	6.01	
2/27/2023	6.19	
8/9/2023	6.24	
2/29/2024	6.26	
8/6/2024	6.11	
2/24/2025		6.14

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	4.25	
6/18/2010	5.37	
7/27/2010	5.45	
9/8/2010	5.58	
4/29/2011	4.86	
10/28/2011	4.68	
5/3/2012	5.26	
11/10/2012	4.98	
5/9/2013	5.25	
11/6/2013	4.22	
5/20/2014	4.83 (D)	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22	
6/21/2016	5.2	
8/15/2016	5.12	
10/5/2016	5.07	
10/7/2016	5.07	
12/1/2016	5.08	
2/8/2017	4.76	
4/5/2017	5.1	
6/20/2017	5.13	
10/5/2017	5.1	
3/21/2018	5.33	
10/2/2018	5.16	
3/26/2019	5.25	
9/11/2019	5.1	
3/18/2020	5.19	
9/10/2020	5.1	
4/1/2021	5.18	
8/11/2021	5.2	
2/16/2022	5.11	
8/26/2022	5.07	
2/27/2023	5.2	
8/9/2023	5.1	
2/29/2024	5.24	
8/6/2024	5.26	
2/24/2025		5.18

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	4.93	
6/18/2010	5.91	
7/29/2010	6.01	
9/9/2010	5.1	
4/26/2011	5.6	
10/28/2011	5.87	
5/4/2012	5.82	
11/11/2012	5.83	
5/8/2013	6.21	
11/7/2013	5.78	
5/20/2014	5.665 (D)	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88	
6/21/2016	5.9	
8/15/2016	5.86	
10/4/2016	5.85	
10/7/2016	5.85	
12/1/2016	5.85	
2/9/2017	5.92	
4/6/2017	5.85	
6/22/2017	5.9	
10/6/2017	5.88	
3/22/2018	5.88	
10/3/2018	5.95	
3/26/2019	5.89	
9/11/2019	5.89	
3/18/2020	5.81	
9/10/2020	5.83	
4/6/2021	5.95	
8/11/2021	5.92	
2/16/2022	5.79	
8/26/2022	5.91	
2/27/2023	5.94	
8/9/2023	5.95	
3/1/2024	5.9	
8/6/2024	5.95	
2/24/2025		5.9

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	4.87	
6/18/2010	5.75	
7/28/2010	5.9	
9/9/2010	5.05	
4/30/2011	5.38	
10/28/2011	5.59	
5/3/2012	5.77	
11/10/2012	5.63	
5/8/2013	6.11	
11/5/2013	5.23	
5/20/2014	5.37 (D)	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
9/11/2019	5.59	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021	5.53	
8/11/2021	5.61	
2/16/2022	5.6	
8/26/2022	5.51	
2/27/2023	5.62	
8/9/2023	5.58	
3/1/2024	5.55	
5/7/2024	5.55	
8/8/2024	5.56	
2/25/2025		5.57

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	5.76	
6/16/2010	6.38	
7/26/2010	6.52	
9/7/2010	5.74	
4/29/2011	6.19	
10/28/2011	6.39	
5/2/2012	6.22	
11/9/2012	6.3	
5/8/2013	6.07	
11/6/2013	6.45	
5/23/2014	6.09 (D)	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
9/11/2019	6.37	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021	6.37	
8/11/2021	6.43	
2/16/2022	6.54	
5/12/2022	6.39	
8/25/2022	6.45	
2/28/2023	6.36	
8/9/2023	6.41	
2/29/2024	6.51	
8/6/2024	6.3	
2/25/2025		6.69

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	5.93	
6/16/2010	6.58	
7/27/2010	6.69	
9/7/2010	5.87	
4/29/2011	6.37	
10/28/2011	6.52	
5/2/2012	6.24	
11/9/2012	6.31	
5/9/2013	6.01	
11/6/2013	6.6	
5/22/2014	6.295 (D)	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
9/12/2019	6.39	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
10/7/2021	6.79	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29	
2/28/2023	6.29	
8/8/2023	6.32	
2/29/2024	6.33	
8/6/2024	6.26	
2/25/2025		6.59

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	6.05	
6/17/2010	6.77	
7/27/2010	6.82	
9/7/2010	5.94	
4/29/2011	6.33	
10/28/2011	6.73	
5/3/2012	6.51	
11/10/2012	6.48	
5/9/2013	6.42	
11/6/2013	6.73	
5/22/2014	6.345 (D)	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
9/12/2019	6.57	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021	6.64	
6/1/2021	6.39	
8/11/2021	6.58	
2/16/2022	6.71	
5/12/2022	6.52	
8/25/2022	6.62	
12/28/2022	6.56	
2/28/2023	6.53	
8/8/2023	6.59	
3/1/2024	6.73	
5/7/2024	6.5	
8/6/2024	6.41	
2/25/2025		6.55

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	0.32 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.8 (J)	
4/4/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	1.2	
10/2/2018	<1	
3/26/2019	2.1	
9/10/2019	0.65 (J)	
3/18/2020	3.1	
9/9/2020	1.6	
4/1/2021	2.7	
8/11/2021	1.3	
2/15/2022	2.6	
8/25/2022	1.9	
2/28/2023	3.5	
8/3/2023	1.7	
3/4/2024	2.8	
8/6/2024	1.3	
2/25/2025		3.6

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	0.22 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/10/2019	<1	
3/18/2020	0.67 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/28/2023	1.4	
8/3/2023	0.4 (J)	
2/28/2024	<1	
8/6/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.58 (J)	
9/10/2019	0.44 (J)	
3/18/2020	0.51 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/24/2022	<1	
2/28/2023	1.3	
8/3/2023	<1	
2/28/2024	<1	
8/6/2024	<1	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	0.72 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.92 (J)	
4/5/2017	1	
6/20/2017	0.76 (J)	
10/4/2017	<1	
3/20/2018	0.95 (J)	
10/2/2018	<1	
3/26/2019	0.53 (J)	
9/10/2019	0.69 (J)	
3/18/2020	0.84 (J)	
9/9/2020	0.77 (J)	
4/1/2021	<1	
8/18/2021	0.79 (J)	
2/15/2022	1.5	
8/24/2022	<1	
2/27/2023	1.6	
8/9/2023	0.46 (J)	
3/1/2024	0.79 (J)	
8/6/2024	<1	
2/25/2025		0.48 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	0.69 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.99 (J)	
9/10/2019	0.63 (J)	
3/18/2020	0.59 (J)	
9/9/2020	0.59 (J)	
4/1/2021	1.1	
8/12/2021	<1	
2/15/2022	0.79 (J)	
8/26/2022	1.1	
2/27/2023	1.6	
8/9/2023	0.51 (J)	
3/1/2024	1.2	
8/6/2024	0.43 (J)	
2/25/2025		0.4 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.419 (J)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1
3/4/2024		10
5/20/2024		0.64 (J)
8/7/2024		15
11/7/2024		18
2/25/2025		20

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33
8/25/2022		19
12/28/2022		32
2/27/2023		56
8/8/2023		53
2/29/2024		84
8/7/2024		73
2/25/2025		150

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	575 (O)	
6/22/2016	470	
8/16/2016	360	
10/6/2016	300	
12/1/2016	340	
2/9/2017	350	
4/6/2017	380	
6/21/2017	490	
10/5/2017	380	
3/22/2018	400	
10/3/2018	270	
3/27/2019	260	
9/11/2019	130	
3/18/2020	170	
9/9/2020	110	
4/1/2021	100	
8/12/2021	140	
2/15/2022	100	
8/25/2022	100	
2/28/2023	87	
8/8/2023	79	
2/29/2024	75	
8/6/2024	73	
2/25/2025		58

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023	13	
8/8/2023	6.5	
2/29/2024	25	
5/20/2024	18	
8/7/2024	13	
2/24/2025		30

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<1	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/27/2023	1.4	
8/8/2023	<1	
2/29/2024	1.5	
8/6/2024	1.4	
2/24/2025		3.5

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	32.7	
10/10/2016	33	
12/1/2016	31	
2/9/2017	34	
4/7/2017	37	
6/21/2017	35	
8/15/2017	42	
9/1/2017	40	
10/9/2017	40	
3/22/2018	39	
10/4/2018	30	
3/27/2019	18	
9/11/2019	32	
3/18/2020	16	
9/9/2020	11	
6/1/2021	17	
8/12/2021	27	
2/15/2022	11	
8/25/2022	22	
2/27/2023	12	
8/8/2023	7.8	
2/29/2024	18	
8/6/2024	21	
2/24/2025		21

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	8.66	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021	9.7	
8/12/2021	9.7	
2/15/2022	7.2	
8/25/2022	19	
2/27/2023		13
8/8/2023		13
3/1/2024		17
8/6/2024		22
11/6/2024		30
2/24/2025		19

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.51 (J)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019	1.6	
9/11/2019	1.8	
3/18/2020	2.4	
9/9/2020	2.6	
4/1/2021	2.7	
8/17/2021	1.2	
2/15/2022	3.5	
5/12/2022	2.7	
8/25/2022	3.7	
2/21/2023	4.7	
5/2/2023	4.3	
8/9/2023	2.3	
3/1/2024	4.7	
5/20/2024	3.9	
8/6/2024	4.4	
2/24/2025		4.3

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/27/2019	<1	
9/11/2019	0.63 (J)	
3/18/2020	<1	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/27/2023	0.88 (J)	
8/9/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/24/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<1	
6/21/2016	0.2 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/26/2019	0.49 (J)	
9/11/2019	0.5 (J)	
3/18/2020	1.3	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.77 (J)	
2/27/2023	1.2	
8/9/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/24/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.646 (J)	
6/21/2016	0.57 (J)	
8/15/2016	<1	
10/7/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/6/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/26/2019	1.3	
9/11/2019	0.81 (J)	
3/18/2020	25 (O)	
9/10/2020	1.3	
4/6/2021	0.9 (J)	
8/11/2021	0.89 (J)	
2/16/2022	<1	
8/26/2022	1.3	
2/27/2023	1.6	
8/9/2023	1.3	
3/1/2024	1.2	
8/6/2024	<1	
2/24/2025		0.41 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/4/2016	<1	
12/1/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.64 (J)	
9/11/2019	0.5 (J)	
3/18/2020	<1	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.79 (J)	
2/27/2023	1.2	
8/9/2023	<1	
3/1/2024	<1	
8/8/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	0.19 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.39 (J)	
9/11/2019	0.61 (J)	
3/18/2020	0.62 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.2	
8/9/2023	<1	
2/29/2024	1.8	
8/6/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	0.23 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021	1.9	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.2	
8/8/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	0.32 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/30/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.45 (J)	
9/12/2019	<1	
3/19/2020	0.71 (J)	
9/10/2020	<1	
6/1/2021	1.4	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.3	
8/8/2023	<1	
3/1/2024	0.68 (J)	
8/6/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	38	
6/15/2016	<10	
8/10/2016	56	
10/4/2016	48	
11/30/2016	46	
2/7/2017	18	
4/4/2017	32	
6/20/2017	38	
10/4/2017	42	
3/20/2018	20	
10/2/2018	48	
3/26/2019	45	
9/10/2019	42	
3/18/2020	43	
9/9/2020	<10	
4/1/2021	55	
8/11/2021	55	
2/15/2022	42	
8/25/2022	86	
2/28/2023	50	
8/3/2023	53	
3/4/2024	41	
8/6/2024	53	
2/25/2025		52

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	84	
6/15/2016	139	
8/10/2016	80	
10/4/2016	62	
11/29/2016	110	
2/7/2017	70	
4/4/2017	120	
6/20/2017	76	
10/5/2017	110	
3/20/2018	110	
10/2/2018	110	
3/26/2019	100	
9/10/2019	75	
3/18/2020	93	
9/9/2020	66	
4/1/2021	100	
8/11/2021	100	
2/15/2022	99	
8/25/2022	130	
2/28/2023	110	
8/3/2023	110	
2/28/2024	100	
8/6/2024	110	
2/25/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	61	
6/15/2016	113	
8/10/2016	74	
10/5/2016	44	
11/29/2016	58	
2/7/2017	4 (J)	
4/4/2017	78	
6/20/2017	50	
10/5/2017	64	
3/20/2018	90	
10/2/2018	90	
3/26/2019	82	
9/10/2019	51	
3/18/2020	75	
9/9/2020	64	
4/1/2021	68	
8/11/2021	94	
2/15/2022	79	
8/24/2022	110	
2/28/2023	94	
8/3/2023	85	
2/28/2024	85	
8/6/2024	86	
2/26/2025		81

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021	120	
8/18/2021	150	
2/15/2022	120	
8/24/2022	160	
2/27/2023	160	
8/9/2023	140	
3/1/2024	150	
8/6/2024	140	
2/25/2025		150

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	93	
6/16/2016	130	
8/11/2016	92	
10/4/2016	120	
11/30/2016	130	
2/7/2017	36	
4/6/2017	150	
6/20/2017	92	
10/4/2017	120	
3/20/2018	120	
10/2/2018	140	
3/26/2019	130	
9/10/2019	140	
3/18/2020	140	
9/9/2020	110	
4/1/2021	120	
8/12/2021	130	
2/15/2022	120	
8/26/2022	180	
2/27/2023	140	
8/9/2023	120	
3/1/2024	140	
8/6/2024	130	
2/25/2025		130

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	92	
6/20/2016	78	
8/16/2016	76	
10/5/2016	64	
11/30/2016	82	
2/8/2017	92	
4/6/2017	88	
6/21/2017	88	
10/5/2017	86	
3/21/2018	98	
10/3/2018	60	
3/26/2019	86	
9/10/2019	66	
3/18/2020	72	
9/10/2020	59	
4/6/2021	81	
8/12/2021	89	
2/15/2022	53	
8/25/2022	110	
2/28/2023	72	
8/9/2023	88	
3/4/2024	99	
8/7/2024	100	
2/25/2025		130

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260
8/7/2024		250
2/25/2025		350

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	1290	
6/22/2016	1060	
8/16/2016	880	
10/6/2016	820	
12/1/2016	900	
2/9/2017	940	
4/6/2017	1100	
6/21/2017	1200	
10/5/2017	950	
3/22/2018	1000	
10/3/2018	620	
3/27/2019	580	
9/11/2019	310	
3/18/2020	430	
9/9/2020	270	
4/1/2021	260	
8/12/2021	370	
2/15/2022	290	
8/25/2022	290	
2/28/2023	240	
8/8/2023	230	
2/29/2024	190	
8/6/2024	210	
2/25/2025		200

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	138	
6/20/2016	154	
8/16/2016	140	
10/6/2016	150	
11/30/2016	160	
2/9/2017	160	
4/6/2017	140	
6/21/2017	150	
10/6/2017	160	
3/21/2018	170	
10/3/2018	120	
3/26/2019	130	
9/11/2019	120	
3/18/2020	140	
9/10/2020	140	
6/2/2021	140	
8/11/2021	160	
2/15/2022	140	
8/25/2022	170	
2/27/2023	150	
8/8/2023	110	
2/29/2024	160	
8/7/2024	150	
2/24/2025		160

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	130	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021	110	
8/11/2021	130	
2/15/2022	140	
8/25/2022	150	
2/27/2023	140	
8/8/2023	130	
2/29/2024	130	
8/6/2024	130	
2/24/2025		150

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	179	
10/10/2016	110 (O)	
12/1/2016	170	
2/9/2017	180	
4/7/2017	200	
6/21/2017	190	
8/15/2017	190	
9/1/2017	160	
10/9/2017	230	
3/22/2018	220	
10/17/2018	170	
3/27/2019	300	
9/11/2019	210	
3/18/2020	300	
9/9/2020	360	
6/1/2021	340	
8/12/2021	240	
2/15/2022	330	
8/25/2022	270	
2/27/2023	340	
8/8/2023	910 (o)	
10/4/2023	240	
2/29/2024	270	
8/6/2024	230	
2/24/2025		260

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	135	
6/22/2016	199	
8/15/2016	120	
10/6/2016	140	
12/1/2016	160	
2/8/2017	130	
4/6/2017	140	
6/21/2017	150	
10/5/2017	170	
3/21/2018	160	
10/2/2018	34	
3/27/2019	140	
9/11/2019	130	
3/18/2020	130	
9/9/2020	150	
4/1/2021	120	
8/12/2021	150	
2/15/2022	140	
8/25/2022	180	
2/27/2023	170	
8/8/2023	150	
3/1/2024	160	
8/6/2024	170	
2/24/2025		180

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	103	
6/21/2016	214 (O)	
8/15/2016	130	
10/5/2016	84	
12/1/2016	130	
2/8/2017	130	
4/6/2017	130	
6/21/2017	120	
10/5/2017	140	
3/21/2018	120	
10/2/2018	150	
3/27/2019	140	
9/11/2019	110	
3/18/2020	140	
9/9/2020	160	
4/1/2021	140	
8/17/2021	160	
2/15/2022	150	
8/25/2022	170	
2/21/2023	150	
8/9/2023	140	
3/1/2024	150	
8/6/2024	140	
2/24/2025		150

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	99	
6/21/2016	293 (O)	
8/15/2016	90	
10/5/2016	70	
12/1/2016	120	
2/8/2017	86	
4/6/2017	130	
6/20/2017	86	
10/5/2017	94	
3/21/2018	100	
10/2/2018	120	
3/27/2019	100	
9/11/2019	94	
3/18/2020	100	
9/10/2020	95	
4/1/2021	90	
8/11/2021	120	
2/16/2022	79	
8/25/2022	130	
2/27/2023	120	
8/9/2023	98	
2/29/2024	110	
8/6/2024	100	
2/24/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<5	
6/21/2016	110	
8/15/2016	<5	
10/5/2016	<5	
12/1/2016	16	
2/8/2017	12	
4/5/2017	18	
6/20/2017	<5	
10/5/2017	28	
3/21/2018	28	
10/2/2018	38	
3/26/2019	29	
9/11/2019	14	
3/18/2020	26	
9/10/2020	13	
4/1/2021	17	
8/11/2021	18	
2/16/2022	16	
8/26/2022	29	
2/27/2023	39	
8/9/2023	27	
2/29/2024	32	
8/6/2024	28	
2/24/2025		31

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	60	
6/21/2016	195 (O)	
8/15/2016	42	
10/7/2016	24	
12/1/2016	68	
2/9/2017	56	
4/6/2017	68	
6/22/2017	56	
10/6/2017	90	
3/22/2018	76	
10/3/2018	22	
3/26/2019	59	
9/11/2019	33	
3/18/2020	100	
9/10/2020	60	
4/6/2021	55	
8/11/2021	75	
2/16/2022	55	
8/26/2022	84	
2/27/2023	87	
8/9/2023	74	
3/1/2024	74	
8/6/2024	78	
2/24/2025		86

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	56	
6/21/2016	68	
8/15/2016	46	
10/4/2016	60	
12/1/2016	70	
2/7/2017	40	
4/6/2017	74	
6/20/2017	34	
10/5/2017	98	
3/20/2018	42	
10/2/2018	40	
3/26/2019	60	
9/11/2019	26	
3/18/2020	57	
9/9/2020	54	
4/1/2021	43	
8/11/2021	71	
2/16/2022	46	
8/26/2022	91	
2/27/2023	70	
8/9/2023	64	
3/1/2024	63	
8/8/2024	65	
2/25/2025		66

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021	62	
8/11/2021	98	
2/16/2022	70	
8/25/2022	130	
2/28/2023	100	
8/9/2023	95	
2/29/2024	96	
8/6/2024	95	
2/25/2025		99

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021	130	
8/11/2021	120	
2/16/2022	110	
8/25/2022	150	
2/28/2023	130	
8/8/2023	130	
2/29/2024	130	
8/6/2024	130	
2/25/2025		140

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021	120	
8/11/2021	110	
2/16/2022	110	
8/25/2022	140	
2/28/2023	120	
8/8/2023	130	
3/1/2024	130	
8/6/2024	120	
2/25/2025		110

FIGURE H.

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-6**	**0.051**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**114**	**n/a**	**n/a**	**30.7**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-6**	**0.051**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	GWC-19	0.051	n/a	2/25/2025	0.033	No	114	n/a	n/a	0	n/a	n/a	0.0001512	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-20	0.051	n/a	2/25/2025	0.038	No	114	n/a	n/a	0	n/a	n/a	0.0001512	NP Inter (normality) 1 of 2
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**114**	**n/a**	**n/a**	**30.7**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

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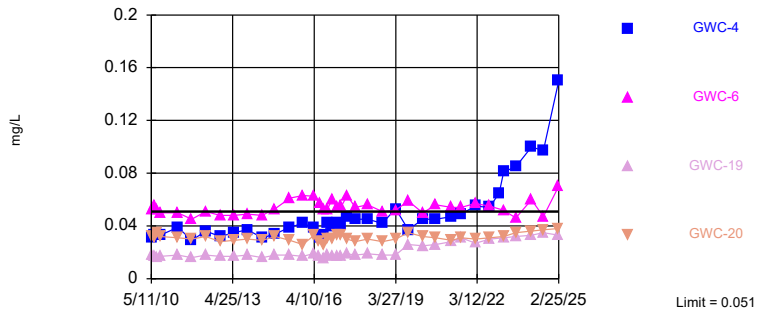
Exceeds Limit: GWC-4, GWC-6

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 114 background values. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

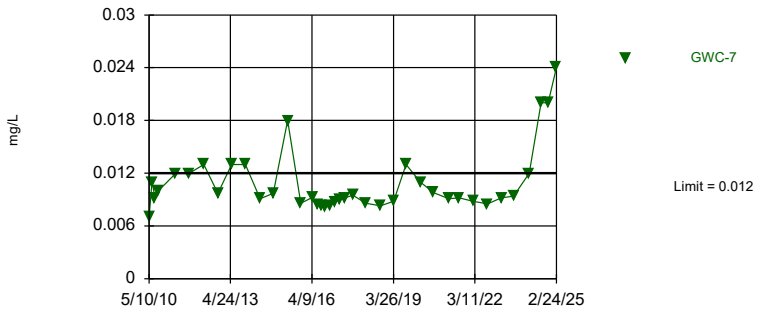
Constituent: Barium Analysis Run 6/18/2025 4:30 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Exceeds Limit: GWC-7

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 114 background values. 30.7% NDs. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Assumes 16 future values.

Constituent: Chromium Analysis Run 6/18/2025 4:30 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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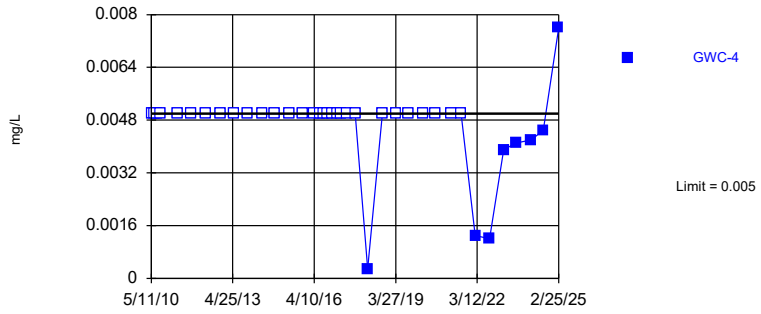
Hollow symbols indicate censored values.

Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 94.74% NDs. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Assumes 16 future values.

Constituent: Selenium Analysis Run 6/18/2025 4:30 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-4	GWC-19	GWC-20	GWC-6
5/8/2010	0.048 (J)						
5/9/2010		0.01 (J)	0.031 (J)				
5/11/2010				0.031 (J)	0.018 (J)	0.032 (J)	0.053 (J)
6/16/2010	0.044 (J)		0.029 (J)		0.017 (J)		
6/17/2010				0.033 (J)		0.031 (J)	
6/18/2010		0.01 (J)					0.055 (J)
7/26/2010	0.042 (J)						
7/27/2010			0.029 (J)		0.016 (J)	0.035 (J)	0.053 (J)
7/28/2010		0.011 (J)		0.033 (J)			
9/7/2010	0.04 (J)		0.028 (J)		0.017 (J)	0.032 (J)	
9/8/2010				0.033 (J)			
9/9/2010		0.011 (J)					0.05 (J)
4/28/2011				0.039 (J)			
4/29/2011	0.038 (J)		0.026 (J)		0.018 (J)	0.031 (J)	
4/30/2011		0.0091 (J)					0.05 (J)
10/28/2011	0.034	0.0096 (J)	0.025		0.016	0.03	
10/29/2011				0.029			0.045
5/2/2012	0.03	0.012	0.025		0.018		
5/3/2012				0.036		0.032	
5/4/2012							0.051
11/9/2012	0.039	0.012	0.028		0.017		
11/10/2012				0.032		0.028	0.048
5/8/2013	0.034	0.01	0.029				
5/9/2013					0.017	0.029	0.048
5/10/2013				0.035			
11/5/2013		0.0098 (J)					
11/6/2013	0.032		0.026	0.037	0.018	0.03	
11/7/2013							0.049
5/20/2014	0.03	0.0081 (J)	0.025				
5/21/2014							0.048
5/22/2014				0.031	0.016	0.029	
11/8/2014	0.031		0.026		0.018		
11/9/2014				0.034		0.032	0.053
11/12/2014		0.0098 (J)					
5/22/2015	0.033	0.0088 (J)	0.026	0.039	0.018	0.029	
5/24/2015							0.061
11/9/2015	0.034		0.024				
11/10/2015					0.017	0.026	
11/11/2015		0.011		0.042			0.063
4/6/2016	0.0347	0.00959 (J)	0.026				
4/11/2016					0.0191		
4/12/2016				0.0386		0.033	0.0626
6/15/2016	0.029	0.0091 (J)	0.023				
6/16/2016					0.017	0.028	
6/20/2016				0.031			0.057
8/10/2016	0.027	0.009	0.022				
8/11/2016					0.015	0.026	
8/12/2016				0.033			0.053
10/4/2016		0.0092	0.024				
10/5/2016	0.029				0.018	0.03	
10/6/2016				0.042			0.053
11/29/2016	0.024		0.023		0.017		

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-4	GWC-19	GWC-20	GWC-6
11/30/2016		0.011		0.04		0.03	0.06
2/7/2017	0.029	0.0099	0.024				
2/8/2017				0.042	0.017	0.033	
2/9/2017							0.054
4/4/2017	0.03	0.0092	0.022				
4/5/2017					0.017		
4/6/2017				0.041		0.033	0.055
6/20/2017	0.036	0.0099	0.025				
6/21/2017					0.019	0.03	0.063
6/22/2017				0.047			
10/4/2017		0.0098					
10/5/2017	0.027		0.023		0.018	0.028	
10/6/2017				0.045			0.054
3/20/2018	0.027	0.01	0.023		0.019		
3/21/2018				0.045		0.03	0.056
10/2/2018	0.027	0.0099	0.023		0.018		
10/3/2018				0.042		0.028	0.051
3/26/2019	0.031	0.0099	0.024	0.053	0.018	0.03	0.052
9/10/2019	0.051	0.011	0.039	0.037			
9/11/2019							0.059
9/12/2019					0.026	0.035	
3/18/2020	0.031	0.01	0.027				0.05
3/19/2020				0.045	0.025	0.032	
9/9/2020	0.033	0.01	0.024		0.026		
9/10/2020				0.045		0.031	0.056
4/1/2021	0.029	0.0092 (J)	0.024				
4/2/2021				0.047			
4/5/2021					0.028	0.029	0.054
8/11/2021	0.029	0.01	0.023		0.031	0.031	0.054
8/12/2021				0.049			
2/15/2022	0.031	0.012	0.024	0.055			0.057
2/16/2022					0.027	0.03	
8/24/2022	0.031						
8/25/2022		0.012	0.025	0.054	0.03	0.031	0.055
12/28/2022				0.065			
2/27/2023				0.081			0.052
2/28/2023	0.03	0.01	0.025		0.031	0.032	
8/3/2023	0.027	0.01	0.026				
8/8/2023				0.085	0.032	0.035	0.046
2/28/2024	0.032		0.03				
2/29/2024				0.1	0.033		0.06
3/1/2024						0.036	
3/4/2024		0.01					
8/6/2024	0.033	0.01	0.031		0.035	0.037	
8/7/2024				0.097			0.047
2/24/2025							0.07
2/25/2025		0.013	0.028	0.15	0.033	0.038	
2/26/2025	0.027						

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
5/8/2010	0.0032 (J)			
5/9/2010		0.003 (J)	<0.002	
5/10/2010				0.007
6/16/2010	0.0037 (J)	0.0042 (J)		
6/18/2010			<0.002	0.011
7/26/2010	0.0058			
7/27/2010		0.0048 (J)		
7/28/2010			<0.002	0.0092
9/7/2010	0.0078	0.0037 (J)		
9/9/2010			<0.002	0.01
4/29/2011	0.005	0.0046 (J)		
4/30/2011			<0.002	0.012
10/28/2011	0.0068	0.005	<0.002	
10/29/2011				0.012
5/2/2012	0.0065	0.0052	<0.002	
5/4/2012				0.013
11/9/2012	0.006	0.0054	<0.002	
11/10/2012				0.0097
5/8/2013	0.0074	0.0058	<0.002	
5/9/2013				0.013
11/5/2013			0.0036 (J)	
11/6/2013	0.0082 (J)	0.0062 (J)		
11/7/2013				0.013
5/20/2014	0.0051 (J)	0.0047 (J)	<0.002	
5/21/2014				0.0091 (J)
11/8/2014	0.0074 (J)	0.0064 (J)		
11/12/2014			<0.002	0.0097 (J)
5/22/2015	0.0084 (J)	0.0059 (J)	<0.002	
5/24/2015				0.018
11/9/2015	0.009 (J)	0.0043 (J)		
11/11/2015			<0.002	0.0086 (J)
4/6/2016	0.00779 (J)	0.00457 (J)	<0.002	
4/13/2016				0.00924 (J)
6/15/2016	0.0072 (J)	0.0042 (J)	0.00029 (J)	
6/20/2016				0.0084 (J)
8/10/2016	0.0068	0.0042	<0.002	
8/15/2016				0.0083
10/4/2016		0.0052	<0.002	
10/5/2016	0.0076			
10/6/2016				0.0081
11/29/2016	0.0045	0.004		
11/30/2016			<0.002	
12/1/2016				0.0083
2/7/2017	0.0067	0.004	<0.002	
2/9/2017				0.0087
4/4/2017	0.0079	0.0021 (J)	<0.002	
4/7/2017				0.009
6/20/2017	0.0084	0.0046	<0.002	
6/22/2017				0.0092
10/4/2017			<0.002	
10/5/2017	0.0061	0.005		
10/6/2017				0.0095

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
3/20/2018	0.006	0.0044	<0.002	
3/22/2018				0.0086
10/2/2018	0.0061	0.0043	<0.002	
10/4/2018				0.0083
3/26/2019	0.0065	0.0046	<0.002	
3/27/2019				0.0088
9/10/2019	0.012	0.0076	0.0023 (J)	
9/11/2019				0.013
3/18/2020	0.0083	0.0044	<0.002	
3/19/2020				0.011
9/9/2020	0.0088	0.005	<0.002	
9/10/2020				0.0098
4/1/2021	0.0082	0.0053	<0.002	0.0091
8/11/2021	0.0089	0.0059	<0.002	0.0092
2/15/2022	0.0084	0.0056	<0.002	0.0088
8/24/2022	0.0076			
8/25/2022		0.0056	<0.002	0.0085
2/27/2023				0.0092
2/28/2023	0.0083	0.0061	<0.002	
8/3/2023	0.0089	0.0073	<0.002	
8/8/2023				0.0094
2/28/2024	0.0096	0.0071		
2/29/2024				0.012
3/4/2024			<0.002	
8/6/2024	0.0086	0.008	<0.002	0.02
11/6/2024				0.02
2/24/2025				0.024
2/25/2025		0.0068	<0.002	
2/26/2025	0.0083			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	<0.005			
5/9/2010		<0.005	<0.005	
5/11/2010				<0.005
6/16/2010	<0.005	<0.005		
6/17/2010				<0.005
6/18/2010			<0.005	
7/26/2010	<0.005			
7/27/2010		<0.005		
7/28/2010			<0.005	<0.005
9/7/2010	<0.005	<0.005		
9/8/2010				<0.005
9/9/2010			<0.005	
4/28/2011				<0.005
4/29/2011	<0.005	<0.005		
4/30/2011			<0.005	
10/28/2011	<0.005	<0.005	<0.005	
10/29/2011				<0.005
5/2/2012	<0.005	<0.005	<0.005	
5/3/2012				<0.005
11/9/2012	<0.005	<0.005	<0.005	
11/10/2012				<0.005
5/8/2013	0.0044 (J)	<0.005	<0.005	
5/10/2013				<0.005
11/5/2013			<0.005	
11/6/2013	<0.005	<0.005		<0.005
5/20/2014	<0.005	<0.005	<0.005	
5/22/2014				<0.005
11/8/2014	<0.005	<0.005		
11/9/2014				<0.005
11/12/2014			<0.005	
5/22/2015	<0.005	<0.005	<0.005	<0.005
11/9/2015	<0.005	0.0043 (J)		
11/11/2015			<0.005	<0.005
4/6/2016	<0.005	<0.005	<0.005	
4/12/2016				<0.005
6/15/2016	<0.005	<0.005	<0.005	
6/20/2016				<0.005
8/10/2016	<0.005	<0.005	<0.005	
8/12/2016				<0.005
10/4/2016		<0.005	<0.005	
10/5/2016	<0.005			
10/6/2016				<0.005
11/29/2016	<0.005	0.00024 (J)		
11/30/2016			<0.005	<0.005
2/7/2017	<0.005	<0.005	<0.005	
2/8/2017				<0.005
4/4/2017	<0.005	0.0017	0.00067 (J)	
4/6/2017				<0.005
6/20/2017	<0.005	<0.005	<0.005	
6/22/2017				<0.005
10/4/2017			<0.005	
10/5/2017	0.00027 (J)	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				<0.005
3/20/2018	<0.005	<0.005	<0.005	
3/21/2018				0.00029 (J)
10/2/2018	<0.005	<0.005	<0.005	
10/3/2018				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	
3/19/2020				<0.005
9/9/2020	<0.005	<0.005	<0.005	
9/10/2020				<0.005
4/1/2021	<0.005	<0.005	<0.005	
4/2/2021				<0.005
8/11/2021	<0.005	<0.005	<0.005	
8/12/2021				<0.005
2/15/2022	<0.005	<0.005	<0.005	0.0013 (J)
8/24/2022	<0.005			
8/25/2022		<0.005	<0.005	0.0012 (J)
2/27/2023				0.0039 (J)
2/28/2023	<0.005	<0.005	<0.005	
8/3/2023	<0.005	<0.005	<0.005	
8/8/2023				0.0041 (J)
2/28/2024	<0.005	<0.005		
2/29/2024				0.0042 (J)
3/4/2024			<0.005	
8/6/2024	<0.005	<0.005	<0.005	
8/7/2024				0.0045 (J)
2/25/2025		<0.005	<0.005	0.0076
2/26/2025	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

FIGURE I.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-4	15	n/a	2/25/2025	46	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	15	n/a	2/24/2025	23	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	2/24/2025	19	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	15	n/a	2/24/2025	34	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	2/25/2025	18	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	2/25/2025	18	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	2/25/2025	28	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-9	6.76	4.81	2/24/2025	7.14	Yes	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.6	n/a	2/25/2025	20	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.6	n/a	2/25/2025	150	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.6	n/a	2/24/2025	30	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.6	n/a	2/24/2025	19	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
TDS (mg/L)	GWC-4	136.9	n/a	2/25/2025	350	Yes	72	71.76	30.7	2.778	None	No	0.0004426	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-3	15	n/a	2/25/2025	11	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**2/25/2025**	**46**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-6**	**15**	**n/a**	**2/24/2025**	**23**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-7**	**15**	**n/a**	**2/24/2025**	**19**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-9**	**15**	**n/a**	**2/24/2025**	**34**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-12	15	n/a	2/24/2025	1.7	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**2/25/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**15**	**n/a**	**2/25/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**2/25/2025**	**28**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	GWC-7	7.2	n/a	2/24/2025	6.5	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	7.2	n/a	2/24/2025	6.3	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-6	6.76	4.81	2/24/2025	6.5	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-7	6.76	4.81	2/24/2025	6.67	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
pH, Field (SU)	**GWC-9**	**6.76**	**4.81**	**2/24/2025**	**7.14**	**Yes**	**115**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002967**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	GWC-18	6.76	4.81	2/25/2025	6.69	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**2/25/2025**	**20**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**2/25/2025**	**150**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-6**	**3.6**	**n/a**	**2/24/2025**	**30**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	GWC-7	3.6	n/a	2/24/2025	3.5	No	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**GWC-9**	**3.6**	**n/a**	**2/24/2025**	**19**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	GWC-3	136.9	n/a	2/25/2025	130	No	72	71.76	30.7	2.778	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	**GWC-4**	**136.9**	**n/a**	**2/25/2025**	**350**	**Yes**	**72**	**71.76**	**30.7**	**2.778**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

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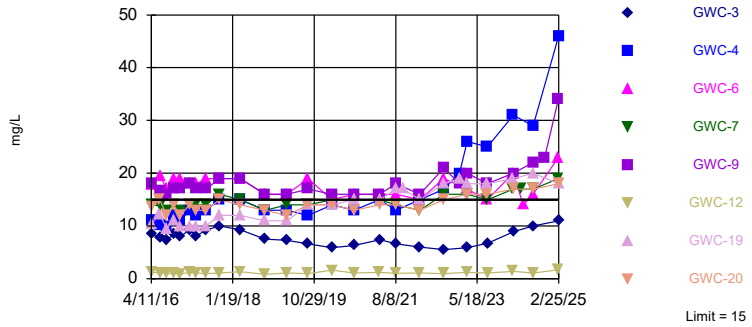
Exceeds Limit: GWC-4, GWC-6, GWC-7, GWC-9, GWC-19, GWC-20

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 8 points to limit. Assumes 9 future values.

Constituent: Calcium Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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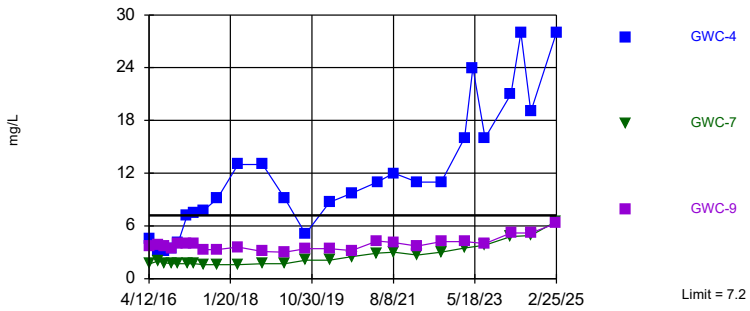
Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: Chloride Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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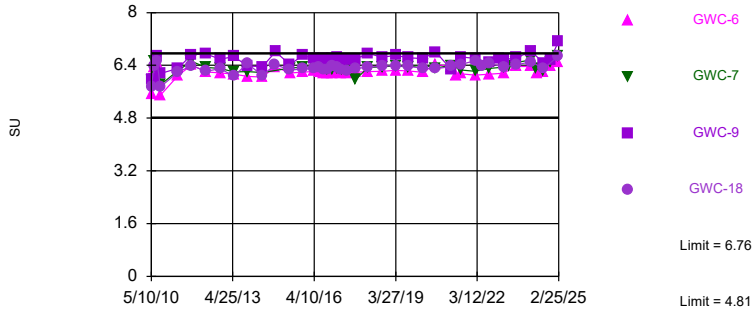
Exceeds Limits: GWC-9

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 115 background values. Annual per-constituent alpha = 0.01006. Individual comparison alpha = 0.0002967 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: pH, Field Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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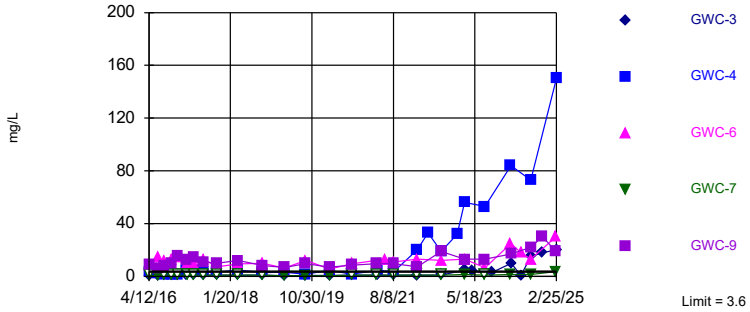
Hollow symbols indicate censored values.

Exceeds Limit: GWC-3, GWC-4, GWC-6, GWC-9

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 63.89% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 5 points to limit. Assumes 12 future values.

Constituent: Sulfate Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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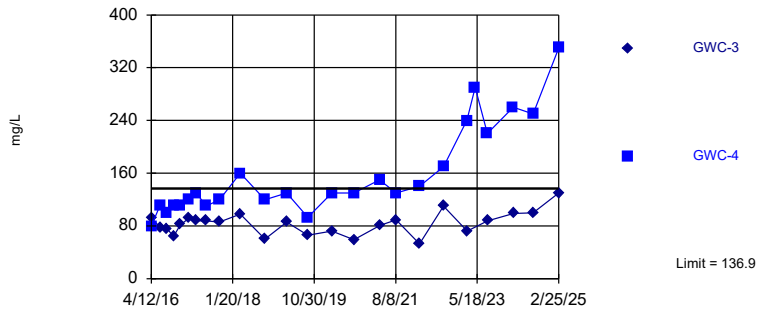
Exceeds Limit: GWC-4

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=71.76, Std. Dev.=30.7, n=72, 2.778% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.982, critical = 0.954. Kappa = 2.123 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Comparing 2 points to limit. Assumes 15 future values.

Constituent: TDS Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-6	GWC-4	GWC-3	GWC-20	GWC-7
4/6/2016	3.62	6.58	12.1						
4/11/2016				10.4					
4/12/2016					17.8	11	8.52	13.5	
4/13/2016									14
6/15/2016	4.5	6.9	11.8						
6/16/2016				12.2				15	
6/20/2016					19.5	10.1	7.7		13.8
6/21/2016									
6/22/2016									
8/10/2016	3.8	5.5	10						
8/11/2016				9.5				12	
8/12/2016					17	9.9	7.3		
8/15/2016									13
10/4/2016	5.3		14						
10/5/2016		6.8		11			8.4	14	
10/6/2016					19	12			14
11/29/2016		4.8	10	9.8					
11/30/2016	4.7				19	11	8	12	
12/1/2016									13
2/7/2017	3.8	7.8	12						
2/8/2017				10		13	9.3	14	
2/9/2017					18				14
4/4/2017	3.8	6.4	11						
4/5/2017				10					
4/6/2017					18	12	8.1	13	
4/7/2017									14
6/20/2017	4.1	7	11						
6/21/2017				10	19		9.2	13	
6/22/2017						13			14
10/4/2017	4.6								
10/5/2017		6.6	13	12			10	15	
10/6/2017					19	15			16
3/20/2018	4.2	6.6	12	12					
3/21/2018					19	15	9.3	14	
3/22/2018									15
10/2/2018	4.2	5.8	11	11					
10/3/2018					16	13	7.5	13	
10/4/2018									13
3/26/2019	4	6.7	11	11	16	13	7.3	12	
3/27/2019									14
9/10/2019	4.8	7.5	12			12	6.6		
9/11/2019					19				14
9/12/2019				14				14	
3/18/2020	3.8	7.3	12		15		5.9		
3/19/2020				14		14		14	15
9/9/2020	4	7.3	11	15					
9/10/2020					16	13	6.3	13	15
4/1/2021	4	7.8	12						15
4/2/2021						15			
4/5/2021				15	16			14	
4/6/2021							7.4		
8/11/2021	4.1	7.3	11	17	16			14	14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-6	GWC-4	GWC-3	GWC-20	GWC-7
8/12/2021						13	6.6		
10/7/2021				17					
2/15/2022	3.6	7.1	10		15	15	6		13
2/16/2022				15				13	
8/24/2022		8.9							
8/25/2022	4.9		13	18	19	17	5.5	15	16
8/26/2022									
12/28/2022				19		20			
2/27/2023					17	26			16
2/28/2023	4.1	8.7	13	18			5.9	16	
8/3/2023	4.7	8.3	13						
8/8/2023				18	15	25		16	15
8/9/2023							6.7		
2/28/2024		9	15						
2/29/2024				19	20	31			17
3/1/2024								17	
3/4/2024	3.8						8.9		
5/7/2024									17
5/20/2024					14				
8/6/2024	4.2	9	15	20				17	17
8/7/2024					16	29	10		
11/6/2024									
2/24/2025					23				19
2/25/2025	4.1		13	18		46	11	18	
2/26/2025		7.4							

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-9
4/6/2016		
4/11/2016		
4/12/2016		
4/13/2016	1.18	18
6/15/2016		
6/16/2016		
6/20/2016		
6/21/2016	1.12	
6/22/2016		16.7
8/10/2016		
8/11/2016		
8/12/2016		
8/15/2016	0.95	16
10/4/2016		
10/5/2016	1	
10/6/2016		17
11/29/2016		
11/30/2016		
12/1/2016	0.92	17
2/7/2017		
2/8/2017	1.2	18
2/9/2017		
4/4/2017		
4/5/2017	1.1	
4/6/2017		17
4/7/2017		
6/20/2017	0.96	
6/21/2017		17
6/22/2017		
10/4/2017		
10/5/2017	1.1	19
10/6/2017		
3/20/2018		
3/21/2018	1.3	19
3/22/2018		
10/2/2018	0.86	16
10/3/2018		
10/4/2018		
3/26/2019	1.1	
3/27/2019		16
9/10/2019		
9/11/2019	0.94	17
9/12/2019		
3/18/2020	1.6	16
3/19/2020		
9/9/2020		16
9/10/2020	1.1	
4/1/2021	1.2	16
4/2/2021		
4/5/2021		
4/6/2021		
8/11/2021	1	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-9
8/12/2021		18
10/7/2021		
2/15/2022		16
2/16/2022	1.1	
8/24/2022		
8/25/2022		21
8/26/2022	0.99	
12/28/2022		18
2/27/2023	1.2	20
2/28/2023		
8/3/2023		
8/8/2023		18
8/9/2023	1.1	
2/28/2024		
2/29/2024	1.4	
3/1/2024		20
3/4/2024		
5/7/2024		
5/20/2024		
8/6/2024	1.1	22
8/7/2024		
11/6/2024		23
2/24/2025	1.7	34
2/25/2025		
2/26/2025		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-9	GWC-7
4/6/2016	5.342	1.69	1.789			
4/12/2016				4.57		
4/13/2016					3.64	1.68
6/15/2016	5.2	1.9	2.1			
6/20/2016				3.1		2
6/22/2016					3.8	
8/10/2016	5.5	1.7	1.8			
8/15/2016					3.7	1.8
8/16/2016				3.2		
10/4/2016	5.4		1.7			
10/5/2016		1.6				
10/6/2016				3.4	3.4	1.7
11/29/2016		1.7	1.7			
11/30/2016	5.4			4.1		
12/1/2016					4	1.7
2/7/2017	5.1	1.6	1.6			
2/8/2017				7.2	4	
2/9/2017						1.7
4/4/2017	5.1	1.5	1.6			
4/6/2017				7.4	4	
4/7/2017						1.7
6/20/2017	5.2	1.5	1.6			
6/21/2017					3.3	
6/22/2017				7.8		1.6
10/4/2017	5.2					
10/5/2017		1.5	1.5		3.3	
10/6/2017				9.1		1.6
3/20/2018	5.6	1.4	1.5			
3/21/2018				13	3.6	
3/22/2018						1.6
10/2/2018	6.3	1.5	1.6		3.1	
10/3/2018				13		
10/4/2018						1.7
3/26/2019	5.5	1.3	1.5	9.2		
3/27/2019					3	1.7
9/10/2019	5.2	1.3	1.4	5.1		
9/11/2019					3.4	2.1
3/18/2020	5.4	2	1.7		3.4	
3/19/2020				8.7		2.1
9/9/2020	6.1	1.3	1.6		3.2	
9/10/2020				9.7		2.5
4/1/2021	7	1.5	1.8		4.3	2.9
4/2/2021				11		
8/11/2021	7.2	1.4	1.8			3
8/12/2021				12	4.1	
2/15/2022	6.5	1.4	1.6	11	3.7	2.7
8/24/2022		1.4				
8/25/2022	6.9		1.6	11	4.2	3
2/27/2023				16	4.2	3.5
2/28/2023	6.3	1.4	1.7			
5/2/2023				24		
8/3/2023	6.3	1.3	1.6			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-9	GWC-7
8/8/2023				16	4	3.8
2/28/2024		1.4	1.6			
2/29/2024				21		4.8
3/1/2024					5.2	
3/4/2024	5.6					
5/20/2024				28		
8/6/2024	6	1.4	1.7		5.2	4.9
8/7/2024				19		
2/24/2025					6.3	6.5
2/25/2025	5.7		1.6	28		
2/26/2025		1.5				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-7	GWC-9	GWC-18	GWC-6
5/8/2010	5.2						
5/9/2010		4.81	5.94				
5/10/2010				5.95	5.99	5.76	
5/11/2010							5.52
6/16/2010	5.93		6.4		5.97	6.38	
6/18/2010		5.6		6.52			6.35
7/26/2010	6.03					6.52	
7/27/2010			6.53		6.69		6.48
7/28/2010		5.92		6.58			
9/7/2010	6.23		6.06			5.74	
9/8/2010					6.15		
9/9/2010		4.89		5.81			5.5
4/29/2011	5.68		6.18		6.31	6.19	
4/30/2011		5.27		6.25			6.09
10/27/2011					6.72		
10/28/2011	5.89	5.45	6.63			6.39	
10/29/2011				6.52			6.41
5/2/2012	5.74	5.8	6.25			6.22	
5/3/2012					6.74		
5/4/2012				6.34			6.2
11/9/2012	5.75	5.3	6.31			6.3	
11/10/2012				6.31			6.17
11/11/2012					6.59		
5/8/2013	5.53	5.76	6.34			6.07	
5/9/2013				6.2	6.67		6.13
11/5/2013		5.08					
11/6/2013	5.92		6.6		6.38	6.45	
11/7/2013				6.21			6.06
5/20/2014	5.635 (D)	5.26 (D)	6.16 (D)				
5/21/2014				6.18 (D)	6.355 (D)		6.045 (D)
5/23/2014						6.09 (D)	
11/8/2014	6.04		6.52			6.42	
11/9/2014							6.36
11/12/2014		5.7			6.81		
5/22/2015	5.87	5.52	6.3			6.26	
5/23/2015					6.42		
5/24/2015				6.32			6.17
11/9/2015	5.97		5.63				
11/10/2015						6.29	
11/11/2015		5.63	6.36	6.35			6.19
11/12/2015					6.7		
4/6/2016	5.96	5.5	6.46				
4/11/2016						6.3	
4/12/2016							6.22
4/13/2016				6.42	6.59		
6/15/2016	5.96	5.52	6.39				
6/16/2016						6.34	
6/20/2016				6.4			6.2
6/22/2016					6.49		
8/10/2016	5.94	5.5	6.39				
8/11/2016						6.28	
8/12/2016							6.17

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-7	GWC-9	GWC-18	GWC-6
8/15/2016				6.31	6.61		
10/4/2016		5.56	6.4				
10/5/2016	5.86					6.27	
10/6/2016				6.27	6.55		6.14
11/29/2016	5.82		6.36			6.39	
11/30/2016		5.46					6.14
12/1/2016				6.28	6.59		
2/7/2017	6.15	5.28	6.45				
2/8/2017					6.63	6.35	
2/9/2017				6.32			6.18
4/1/2017		5.48					
4/4/2017	6	5.48	6.37				
4/6/2017					6.58	6.26	6.17
4/7/2017				6.28			
6/20/2017	6.34	5.44	6.4				
6/21/2017					6.56	6.24	6.17
6/22/2017				6.29			
10/4/2017		5.44					
10/5/2017	5.93		6.42		6.58	6.31	
10/6/2017				5.96			6.19
3/20/2018	5.97	5.48	6.36			6.34	
3/21/2018					6.76		6.21
3/22/2018				6.34			
10/2/2018	6.03	5.49	6.38		6.65	6.38	
10/3/2018							6.22
10/4/2018				6.36			
3/26/2019	6.12	5.41	6.42			6.38	6.25
3/27/2019				6.38	6.7		
9/10/2019	6.31	5.41					
9/11/2019				6.35	6.63	6.37	6.23
3/18/2020	6.03	5.42	6.29		6.61	6.32	6.19
3/19/2020				6.41			
9/9/2020	6.05	5.71	6.33		6.8	6.3	
9/10/2020				6.32			6.43
4/1/2021	6.14	5.31	6.44	6.4	6.28	6.37	
4/5/2021							6.36
6/2/2021							6.09
8/11/2021	6.14	5.5	6.35	6.26		6.43	6.14
8/12/2021					6.66		
2/15/2022	6.2	5.4	6.46	6.22	6.61		6.1
2/16/2022						6.54	
5/12/2022						6.39	
8/24/2022	6.22						
8/25/2022		5.4	6.42	6.31	6.48	6.45	6.13
12/28/2022					6.62		
2/27/2023				6.35	6.57		6.16
2/28/2023	6.19	5.4	6.45			6.36	
5/2/2023				6.38			
8/3/2023	6.22	5.48	6.24				
8/8/2023				6.48	6.63		6.37
8/9/2023						6.41	
2/28/2024	6.41		6.49				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-7	GWC-9	GWC-18	GWC-6
2/29/2024				6.57		6.51	6.37
3/1/2024					6.82		
3/4/2024		5.24					
5/7/2024				6.3			
5/20/2024							6.16
8/6/2024	6.21	5.48	6.35	6.25	6.47	6.3	
8/7/2024							6.19
11/6/2024				6.51	6.58		6.4
2/24/2025				6.67	7.14		6.5
2/25/2025		5.43	6.76			6.69	
2/26/2025	6.65						

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-3	GWC-4	GWC-6	GWC-7	GWC-9
4/6/2016	0.799 (J)	<1	<1					
4/12/2016				0.419 (J)	3.56	7.55		
4/13/2016							<1	8.66
6/15/2016	0.32 (J)	0.18 (J)	0.22 (J)					
6/20/2016				0.6 (J)	2.4	14	0.36 (J)	
6/22/2016								6.3
8/10/2016	<1	<1	<1					
8/15/2016							<1	8
8/16/2016				<1	1.7	12		
10/4/2016	<1		<1					
10/5/2016		<1		<1				
10/6/2016					1.2	13	<1	10
11/29/2016		<1	<1					
11/30/2016	<1			1.1	1.2	14		
12/1/2016							<1	15
2/7/2017	0.8 (J)	<1	<1					
2/8/2017				<1	4.6			13
2/9/2017						9.5	<1	
4/4/2017	<1	<1	<1					
4/6/2017				<1	4.1	9.7		14
4/7/2017							<1	
6/20/2017	<1	<1	<1					
6/21/2017				<1		13		11
6/22/2017					3.4		<1	
10/4/2017	<1							
10/5/2017		<1	<1	<1				10
10/6/2017					3	7.3	<1	
3/20/2018	1.2	<1	<1					
3/21/2018				<1	4.9	9.5		12
3/22/2018							<1	
10/2/2018	<1	<1	<1					8.2
10/3/2018				<1	2.9	10		
10/4/2018							<1	
3/26/2019	2.1	0.58 (J)	<1	0.47 (J)	3.2	6.3		
3/27/2019							0.51 (J)	6.8
9/10/2019	0.65 (J)	0.44 (J)	<1	0.7 (J)	1.7			
9/11/2019						12	0.52 (J)	9.6
3/18/2020	3.1	0.51 (J)	0.67 (J)	0.6 (J)		5.6		6.9
3/19/2020					4.6		0.54 (J)	
9/9/2020	1.6	<1	<1					8.4
9/10/2020				<1	1.6	9.4	<1	
4/1/2021	2.7	<1	<1				<1	9.7
4/2/2021					4.6			
4/6/2021				<1				
6/2/2021						13		
8/11/2021	1.3	<1	<1			11	<1	
8/12/2021				<1	3.5			9.7
2/15/2022	2.6	<1	<1	0.91 (J)	20	13	<1	7.2
5/12/2022					33			
8/24/2022		<1						
8/25/2022	1.9		<1	0.99 (J)	19	12	<1	19
12/28/2022					32			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-3	GWC-4	GWC-6	GWC-7	GWC-9
2/27/2023					56	13	1.4	13
2/28/2023	3.5	1.3	1.4	4.7				
5/2/2023				4.2				
8/3/2023	1.7	<1	0.4 (J)					
8/8/2023					53	6.5	<1	13
8/9/2023				3.6				
10/4/2023				3.1				
2/28/2024		<1	<1					
2/29/2024					84	25	1.5	
3/1/2024								17
3/4/2024	2.8			10				
5/20/2024				0.64 (J)		18		
8/6/2024	1.3	<1	<1				1.4	22
8/7/2024				15	73	13		
11/6/2024								30
11/7/2024				18				
2/24/2025						30	3.5	19
2/25/2025	3.6		<1	20	150			
2/26/2025		<1						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-3
4/6/2016	38	61	84		
4/12/2016				80	92
6/15/2016	<10	113	139		
6/20/2016				111	78
8/10/2016	56	74	80		
8/16/2016				100	76
10/4/2016	48		62		
10/5/2016		44			64
10/6/2016				110	
11/29/2016		58	110		
11/30/2016	46			110	82
2/7/2017	18	4 (J)	70		
2/8/2017				120	92
4/4/2017	32	78	120		
4/6/2017				130	88
6/20/2017	38	50	76		
6/21/2017					88
6/22/2017				110	
10/4/2017	42				
10/5/2017		64	110		86
10/6/2017				120	
3/20/2018	20	90	110		
3/21/2018				160	98
10/2/2018	48	90	110		
10/3/2018				120	60
3/26/2019	45	82	100	130	86
9/10/2019	42	51	75	93	66
3/18/2020	43	75	93		72
3/19/2020				130	
9/9/2020	<10	64	66		
9/10/2020				130	59
4/1/2021	55	68	100		
4/2/2021				150	
4/6/2021					81
8/11/2021	55	94	100		
8/12/2021				130	89
2/15/2022	42	79	99	140	53
8/24/2022		110			
8/25/2022	86		130	170	110
2/27/2023				240	
2/28/2023	50	94	110		72
5/2/2023				290	
8/3/2023	53	85	110		
8/8/2023				220	
8/9/2023					88
2/28/2024		85	100		
2/29/2024				260	
3/4/2024	41				99
8/6/2024	53	86	110		
8/7/2024				250	100
2/25/2025	52		110	350	130
2/26/2025		81			

ND substitution: RL or RL/2 if <15% NDs.

FIGURE J.

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:33 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2

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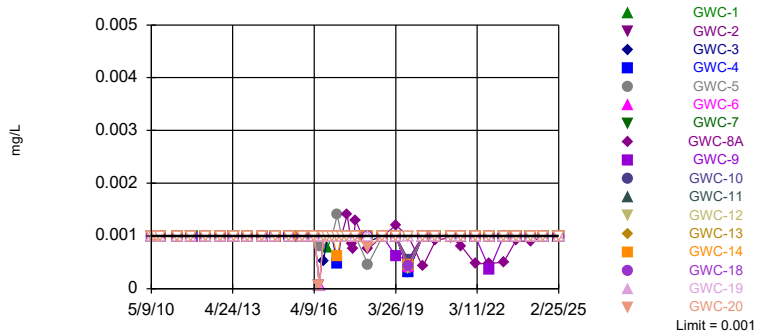
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 96.49% NDs. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Comparing 17 points to limit.

Constituent: Arsenic Analysis Run 6/18/2025 4:32 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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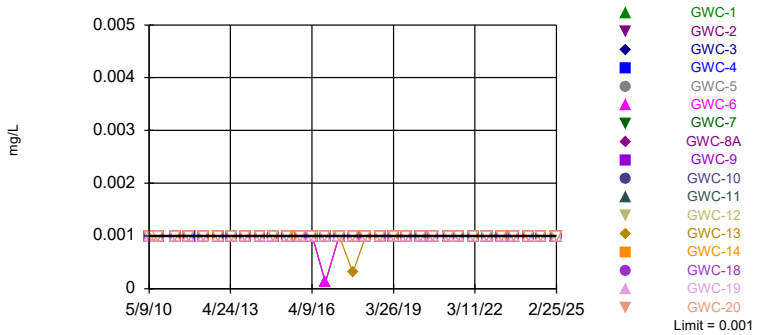
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 99) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.006628. Individual comparison alpha = 0.0001956 (1 of 2). Comparing 17 points to limit.

Constituent: Silver Analysis Run 6/18/2025 4:32 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-13	GWC-12	GWC-18	GWC-10	GWC-9
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001			<0.001			<0.001	<0.001	<0.001
6/17/2010									
6/18/2010		<0.001	<0.001		<0.001	<0.001			
6/19/2010									
7/26/2010	<0.001						<0.001		
7/27/2010				<0.001		<0.001			<0.001
7/28/2010		<0.001	<0.001					<0.001	
7/29/2010					<0.001				
9/7/2010	<0.001			<0.001			<0.001		
9/8/2010						<0.001		<0.001	<0.001
9/9/2010		<0.001	<0.001		<0.001				
4/26/2011					<0.001				
4/28/2011									
4/29/2011	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
4/30/2011		<0.001	<0.001						
10/27/2011								<0.001	<0.001
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
10/29/2011									
5/2/2012	<0.001	<0.001		<0.001			<0.001		
5/3/2012			<0.001			<0.001			<0.001
5/4/2012					<0.001			<0.001	
11/9/2012	<0.001	<0.001		<0.001			<0.001		
11/10/2012			<0.001			<0.001			
11/11/2012					<0.001			<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
5/9/2013						<0.001		<0.001	<0.001
5/10/2013									
11/5/2013		<0.001	<0.001					<0.001	
11/6/2013	<0.001			<0.001		<0.001	<0.001		<0.001
11/7/2013					<0.001				
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/21/2014								<0.001	<0.001
5/22/2014									
5/23/2014							<0.001		
11/8/2014	<0.001			<0.001			<0.001		
11/9/2014									
11/12/2014		<0.001	<0.001		<0.001	<0.001		<0.001	<0.001
11/13/2014									
5/22/2015	<0.001	<0.001		<0.001			<0.001		
5/23/2015						<0.001		<0.001	<0.001
5/24/2015			<0.001		<0.001				
11/9/2015	<0.001			<0.001					
11/10/2015							<0.001		
11/11/2015		<0.001	<0.001						
11/12/2015					<0.001	<0.001		<0.001	<0.001
4/6/2016	<0.001	<0.001		<0.001					
4/11/2016							<0.001		
4/12/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-13	GWC-12	GWC-18	GWC-10	GWC-9
4/13/2016			<0.001		<0.001	<0.001		<0.001	<0.001
4/19/2016									
6/15/2016	<0.001	<0.001		<0.001					
6/16/2016							<0.001		
6/20/2016									
6/21/2016			<0.001		<0.001	<0.001		<0.001	
6/22/2016									<0.001
8/10/2016	<0.001	<0.001		<0.001					
8/11/2016							<0.001		
8/12/2016									
8/15/2016			<0.001		<0.001	<0.001		<0.001	<0.001
8/16/2016									
10/4/2016		<0.001	<0.001	<0.001					
10/5/2016	<0.001					<0.001	<0.001	<0.001	
10/6/2016									<0.001
10/7/2016					<0.001				
10/10/2016									
11/29/2016	<0.001			<0.001			<0.001		
11/30/2016		<0.001							
12/1/2016			<0.001		<0.001	<0.001		<0.001	<0.001
2/7/2017	<0.001	0.0009 (J)	0.00062 (J)	<0.001					
2/8/2017						<0.001	<0.001	<0.001	<0.001
2/9/2017					<0.001				
4/4/2017	<0.001	<0.001		<0.001					
4/5/2017						<0.001			
4/6/2017			<0.001		<0.001		<0.001	<0.001	<0.001
4/7/2017									
6/20/2017	<0.001	<0.001	<0.001	<0.001		<0.001			
6/21/2017							<0.001	<0.001	<0.001
6/22/2017					<0.001				
8/15/2017									
9/1/2017									
10/4/2017		<0.001							
10/5/2017	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
10/6/2017					<0.001				
10/9/2017									
3/20/2018	<0.001	<0.001	<0.001	<0.001			<0.001		
3/21/2018						<0.001		<0.001	<0.001
3/22/2018					<0.001				
10/2/2018	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
10/3/2018					<0.001				
10/4/2018									
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
3/27/2019								<0.001	0.00062 (J)
9/10/2019	0.00069 (J)	0.00032 (J)		0.00049 (J)					
9/11/2019			0.00045 (J)		0.00042 (J)	0.00038 (J)	0.00043 (J)	0.00055 (J)	0.00055 (J)
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020									
9/9/2020	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
9/10/2020					<0.001	<0.001			
4/1/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-13	GWC-12	GWC-18	GWC-10	GWC-9
4/2/2021									
4/5/2021									
4/6/2021					<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
8/12/2021									<0.001
8/17/2021								<0.001	
8/18/2021									
2/15/2022	<0.001	<0.001		<0.001				<0.001	<0.001
2/16/2022			<0.001		<0.001	<0.001	<0.001		
8/24/2022	<0.001								
8/25/2022		<0.001		<0.001			<0.001	<0.001	0.00037 (J)
8/26/2022			<0.001		<0.001	<0.001			
2/21/2023								<0.001	
2/27/2023			<0.001		<0.001	<0.001			<0.001
2/28/2023	<0.001	<0.001		<0.001			<0.001		
8/3/2023	<0.001	<0.001		<0.001					
8/8/2023									<0.001
8/9/2023			<0.001		<0.001	<0.001	<0.001	<0.001	
2/28/2024	<0.001			<0.001					
2/29/2024						<0.001	<0.001		
3/1/2024			<0.001		<0.001			<0.001	<0.001
3/4/2024		<0.001							
8/6/2024	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/7/2024									
8/8/2024			<0.001						
2/24/2025					<0.001	<0.001		<0.001	<0.001
2/25/2025		<0.001	<0.001	<0.001			<0.001		
2/26/2025	<0.001								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-7	GWC-8A	GWC-2	GWC-3	GWC-4	GWC-1	GWC-19	GWC-20
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001							<0.001	
6/17/2010					<0.001	<0.001	<0.001		<0.001
6/18/2010		<0.001							
6/19/2010			<0.001	<0.001					
7/26/2010									
7/27/2010	<0.001			<0.001			<0.001	<0.001	<0.001
7/28/2010		<0.001	<0.001		<0.001	<0.001			
7/29/2010									
9/7/2010					<0.001			<0.001	<0.001
9/8/2010	<0.001		<0.001			<0.001			
9/9/2010		<0.001		<0.001			<0.001		
4/26/2011									
4/28/2011				<0.001		<0.001	<0.001		
4/29/2011	<0.001				<0.001			<0.001	<0.001
4/30/2011		<0.001	<0.001						
10/27/2011	<0.001		<0.001						
10/28/2011				<0.001	<0.001			<0.001	<0.001
10/29/2011		<0.001				<0.001	<0.001		
5/2/2012								<0.001	
5/3/2012				<0.001	<0.001	<0.001	<0.001		<0.001
5/4/2012	<0.001	<0.001	<0.001						
11/9/2012				<0.001	<0.001		<0.001	<0.001	
11/10/2012	<0.001	<0.001				<0.001			<0.001
11/11/2012			<0.001						
5/8/2013									
5/9/2013	<0.001	<0.001		<0.001			<0.001	<0.001	<0.001
5/10/2013			<0.001		<0.001	<0.001			
11/5/2013				<0.001			<0.001		
11/6/2013	<0.001				<0.001	<0.001		<0.001	<0.001
11/7/2013		<0.001	<0.001						
5/20/2014	<0.001								
5/21/2014		<0.001	<0.001						
5/22/2014				<0.001	<0.001	<0.001		<0.001	<0.001
5/23/2014							<0.001		
11/8/2014								<0.001	
11/9/2014					<0.001	<0.001			<0.001
11/12/2014	<0.001	<0.001							
11/13/2014			<0.001	<0.001			<0.001		
5/22/2015					<0.001	<0.001		<0.001	<0.001
5/23/2015			<0.001				<0.001		
5/24/2015	<0.001	<0.001		<0.001					
11/9/2015									
11/10/2015					<0.001			<0.001	<0.001
11/11/2015		<0.001	<0.001	<0.001		<0.001	<0.001		
11/12/2015	<0.001								
4/6/2016									
4/11/2016								<0.001	
4/12/2016				<0.001	<0.001	<0.001	<0.001		<0.001

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-7	GWC-8A	GWC-2	GWC-3	GWC-4	GWC-1	GWC-19	GWC-20
4/13/2016	<0.001	<0.001							
4/19/2016			<0.001						
6/15/2016									
6/16/2016				5.5E-05 (J)			6E-05 (J)	5.1E-05 (J)	5.4E-05 (J)
6/20/2016		<0.001			<0.001	<0.001			
6/21/2016	<0.001								
6/22/2016									
8/10/2016									
8/11/2016				<0.001			<0.001	<0.001	<0.001
8/12/2016					0.00053 (J)	<0.001			
8/15/2016	<0.001	<0.001							
8/16/2016									
10/4/2016				<0.001			0.00079 (J)		
10/5/2016	<0.001				<0.001			<0.001	<0.001
10/6/2016		<0.001				<0.001			
10/7/2016									
10/10/2016			<0.001						
11/29/2016								<0.001	
11/30/2016				<0.001	<0.001	<0.001	<0.001		<0.001
12/1/2016	<0.001	<0.001	<0.001						
2/7/2017				<0.001			<0.001		
2/8/2017	<0.001				<0.001	0.00047 (J)		<0.001	<0.001
2/9/2017		<0.001	0.001 (J)						
4/4/2017									
4/5/2017							<0.001	<0.001	
4/6/2017	<0.001			<0.001	<0.001	<0.001			<0.001
4/7/2017		<0.001	<0.001						
6/20/2017	<0.001			<0.001			<0.001		
6/21/2017			0.0014		<0.001			<0.001	<0.001
6/22/2017		<0.001				<0.001			
8/15/2017			0.00086 (J)						
9/1/2017			0.00075 (J)						
10/4/2017				<0.001			<0.001		
10/5/2017	<0.001				<0.001			<0.001	<0.001
10/6/2017		<0.001				<0.001			
10/9/2017			0.0013						
3/20/2018				<0.001			<0.001	<0.001	
3/21/2018	<0.001				0.00089 (J)	<0.001			0.00078 (J)
3/22/2018		<0.001	0.00075 (J)						
10/2/2018	<0.001			<0.001			<0.001	<0.001	
10/3/2018					<0.001	<0.001			<0.001
10/4/2018		<0.001	<0.001						
3/26/2019				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001	<0.001	0.0012 (J)						
9/10/2019				0.00038 (J)	0.00032 (J)	0.00032 (J)	0.00033 (J)		
9/11/2019	0.00045 (J)	0.00038 (J)	0.001 (J)						
9/12/2019								<0.001	<0.001
3/18/2020	<0.001		0.00042 (J)	<0.001	<0.001		<0.001		
3/19/2020		<0.001				<0.001		<0.001	<0.001
9/9/2020			0.00092 (J)	<0.001			<0.001	<0.001	
9/10/2020	<0.001	<0.001			<0.001	<0.001			<0.001
4/1/2021	<0.001	<0.001		<0.001			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-7	GWC-8A	GWC-2	GWC-3	GWC-4	GWC-1	GWC-19	GWC-20
4/2/2021						<0.001			
4/5/2021			0.00097 (J)					<0.001	<0.001
4/6/2021					<0.001				
8/11/2021	<0.001	<0.001						<0.001	<0.001
8/12/2021			0.00081 (J)	<0.001	<0.001	<0.001			
8/17/2021									
8/18/2021							<0.001		
2/15/2022		<0.001	0.00047 (J)	<0.001	<0.001	<0.001	<0.001		
2/16/2022	<0.001							<0.001	<0.001
8/24/2022							<0.001		
8/25/2022	<0.001	<0.001	0.00048 (J)		<0.001	<0.001		<0.001	<0.001
8/26/2022				<0.001					
2/21/2023									
2/27/2023	<0.001	<0.001	0.0005 (J)	<0.001		<0.001	<0.001		
2/28/2023					<0.001			<0.001	<0.001
8/3/2023									
8/8/2023		<0.001	0.00091 (J)			<0.001		<0.001	<0.001
8/9/2023	<0.001			<0.001	<0.001		<0.001		
2/28/2024									
2/29/2024	<0.001	<0.001	0.00089 (J)			<0.001		<0.001	
3/1/2024				<0.001			<0.001		<0.001
3/4/2024					<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
8/7/2024					<0.001	<0.001			
8/8/2024									
2/24/2025	<0.001	<0.001	<0.001						
2/25/2025				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/26/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-5
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		
6/17/2010		
6/18/2010	<0.001	<0.001
6/19/2010		
7/26/2010		
7/27/2010	<0.001	<0.001
7/28/2010		
7/29/2010		
9/7/2010		
9/8/2010		
9/9/2010	<0.001	<0.001
4/26/2011		
4/28/2011		
4/29/2011		<0.001
4/30/2011	<0.001	
10/27/2011		
10/28/2011		<0.001
10/29/2011	<0.001	
5/2/2012		
5/3/2012		
5/4/2012	<0.001	<0.001
11/9/2012		
11/10/2012	<0.001	<0.001
11/11/2012		
5/8/2013		
5/9/2013	<0.001	<0.001
5/10/2013		
11/5/2013		
11/6/2013		<0.001
11/7/2013	<0.001	
5/20/2014		
5/21/2014	<0.001	
5/22/2014		<0.001
5/23/2014		
11/8/2014		
11/9/2014	<0.001	<0.001
11/12/2014		
11/13/2014		
5/22/2015		
5/23/2015		
5/24/2015	<0.001	<0.001
11/9/2015		
11/10/2015		
11/11/2015	<0.001	<0.001
11/12/2015		
4/6/2016		
4/11/2016		
4/12/2016	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-5
4/13/2016		
4/19/2016		<0.001
6/15/2016		
6/16/2016		
6/20/2016	6.3E-05 (J)	
6/21/2016		
6/22/2016		0.0008 (J)
8/10/2016		
8/11/2016		
8/12/2016	<0.001	
8/15/2016		
8/16/2016		<0.001
10/4/2016		
10/5/2016		
10/6/2016	<0.001	<0.001
10/7/2016		
10/10/2016		
11/29/2016		
11/30/2016	<0.001	
12/1/2016		<0.001
2/7/2017		
2/8/2017		
2/9/2017	<0.001	0.0014
4/4/2017		
4/5/2017		
4/6/2017	<0.001	<0.001
4/7/2017		
6/20/2017		
6/21/2017	<0.001	<0.001
6/22/2017		
8/15/2017		
9/1/2017		
10/4/2017		
10/5/2017		<0.001
10/6/2017	<0.001	
10/9/2017		
3/20/2018		
3/21/2018	<0.001	
3/22/2018		0.00046 (J)
10/2/2018		
10/3/2018	<0.001	<0.001
10/4/2018		
3/26/2019	<0.001	
3/27/2019		<0.001
9/10/2019		
9/11/2019	0.00041 (J)	0.00038 (J)
9/12/2019		
3/18/2020	<0.001	<0.001
3/19/2020		
9/9/2020		<0.001
9/10/2020	<0.001	
4/1/2021		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-5
4/2/2021		
4/5/2021	<0.001	
4/6/2021		
8/11/2021	<0.001	
8/12/2021		<0.001
8/17/2021		
8/18/2021		
2/15/2022	<0.001	<0.001
2/16/2022		
8/24/2022		
8/25/2022	<0.001	<0.001
8/26/2022		
2/21/2023		
2/27/2023	<0.001	
2/28/2023		<0.001
8/3/2023		
8/8/2023	<0.001	<0.001
8/9/2023		
2/28/2024		
2/29/2024	<0.001	<0.001
3/1/2024		
3/4/2024		
8/6/2024		<0.001
8/7/2024	<0.001	
8/8/2024		
2/24/2025	<0.001	
2/25/2025		<0.001
2/26/2025		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-13	GWC-14	GWA-16 (bg)	GWC-12	GWC-10	GWC-9	GWC-11
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001				<0.001		<0.001	<0.001	<0.001
6/17/2010									
6/18/2010		<0.001	<0.001	<0.001		<0.001			
6/19/2010									
7/26/2010	<0.001								
7/27/2010					<0.001	<0.001		<0.001	<0.001
7/28/2010		<0.001		<0.001			<0.001		
7/29/2010			<0.001						
9/7/2010	<0.001				<0.001				
9/8/2010						<0.001	<0.001	<0.001	<0.001
9/9/2010		<0.001	<0.001	<0.001					
4/26/2011			<0.001						
4/28/2011									
4/29/2011	<0.001				<0.001	<0.001	<0.001	<0.001	<0.001
4/30/2011		<0.001		<0.001					
10/27/2011							<0.001	<0.001	<0.001
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
10/29/2011									
5/2/2012	<0.001	<0.001			<0.001				
5/3/2012				<0.001		<0.001		<0.001	
5/4/2012			<0.001				<0.001		<0.001
11/9/2012	<0.001	<0.001			<0.001				
11/10/2012				<0.001		<0.001			<0.001
11/11/2012			<0.001				<0.001	<0.001	
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001				
5/9/2013						<0.001	<0.001	<0.001	<0.001
5/10/2013									
11/5/2013		<0.001		<0.001			<0.001		
11/6/2013	<0.001				<0.001	<0.001		<0.001	<0.001
11/7/2013			<0.001						
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001
5/21/2014							<0.001	<0.001	
5/22/2014									
5/23/2014									
11/8/2014	<0.001				<0.001				
11/9/2014									
11/12/2014		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
11/13/2014									
5/22/2015	<0.001	<0.001			<0.001				
5/23/2015						<0.001	<0.001	<0.001	
5/24/2015			<0.001	<0.001					<0.001
11/9/2015	<0.001				<0.001				
11/10/2015									
11/11/2015		<0.001		<0.001					
11/12/2015			<0.001			<0.001	<0.001	<0.001	<0.001
4/6/2016	<0.001	<0.001			<0.001				
4/11/2016									
4/12/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-13	GWC-14	GWA-16 (bg)	GWC-12	GWC-10	GWC-9	GWC-11
4/13/2016			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/19/2016									
10/4/2016		<0.001		<0.001	<0.001				
10/5/2016	<0.001					<0.001	<0.001		<0.001
10/6/2016								<0.001	
10/7/2016			<0.001						
10/10/2016									
4/4/2017	<0.001	<0.001			<0.001				
4/5/2017						<0.001			
4/6/2017			<0.001	<0.001			<0.001	<0.001	<0.001
4/7/2017									
10/4/2017		<0.001							
10/5/2017	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/6/2017			0.00031 (J)						
10/9/2017									
3/20/2018	<0.001	<0.001		<0.001	<0.001				
3/21/2018						<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001						
10/2/2018	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/3/2018			<0.001						
10/4/2018									
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/27/2019							<0.001	<0.001	<0.001
9/10/2019	<0.001	<0.001			<0.001				
9/11/2019			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020									
9/9/2020	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001	
9/10/2020			<0.001			<0.001			<0.001
4/1/2021	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/2/2021									
4/5/2021									
4/6/2021			<0.001						
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001
8/12/2021								<0.001	
8/17/2021							<0.001		
8/18/2021									
2/15/2022	<0.001	<0.001			<0.001		<0.001	<0.001	
2/16/2022			<0.001	<0.001		<0.001			<0.001
8/24/2022	<0.001								
8/25/2022		<0.001			<0.001		<0.001	<0.001	<0.001
8/26/2022			<0.001	<0.001		<0.001			
2/21/2023							<0.001		
2/27/2023			<0.001	<0.001		<0.001		<0.001	<0.001
2/28/2023	<0.001	<0.001			<0.001				
8/3/2023	<0.001	<0.001			<0.001				
8/8/2023								<0.001	
8/9/2023			<0.001	<0.001		<0.001	<0.001		<0.001
2/28/2024	<0.001				<0.001				
2/29/2024						<0.001			<0.001
3/1/2024			<0.001	<0.001			<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-13	GWC-14	GWA-16 (bg)	GWC-12	GWC-10	GWC-9	GWC-11
3/4/2024		<0.001							
8/6/2024	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
8/7/2024									
8/8/2024				<0.001					
2/24/2025			<0.001			<0.001	<0.001	<0.001	<0.001
2/25/2025		<0.001		<0.001	<0.001				
2/26/2025	<0.001								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-7	GWC-18	GWC-3	GWC-2	GWC-5	GWC-6	GWC-1	GWC-19
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010			<0.001						<0.001
6/17/2010				<0.001				<0.001	
6/18/2010		<0.001				<0.001	<0.001		
6/19/2010	<0.001				<0.001				
7/26/2010			<0.001						
7/27/2010					<0.001	<0.001	<0.001	<0.001	<0.001
7/28/2010	<0.001	<0.001		<0.001					
7/29/2010									
9/7/2010			<0.001	<0.001					<0.001
9/8/2010	<0.001								
9/9/2010		<0.001			<0.001	<0.001	<0.001	<0.001	
4/26/2011									
4/28/2011					<0.001			<0.001	
4/29/2011			<0.001	<0.001		<0.001			<0.001
4/30/2011	<0.001	<0.001					<0.001		
10/27/2011	<0.001								
10/28/2011			<0.001	<0.001	<0.001	<0.001			<0.001
10/29/2011		<0.001					<0.001	<0.001	
5/2/2012			<0.001						<0.001
5/3/2012				<0.001	<0.001			<0.001	
5/4/2012	<0.001	<0.001				<0.001	<0.001		
11/9/2012			<0.001	<0.001	<0.001			<0.001	<0.001
11/10/2012		<0.001				<0.001	<0.001		
11/11/2012	<0.001								
5/8/2013			<0.001						
5/9/2013		<0.001			<0.001	<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001			<0.001					
11/5/2013					<0.001			<0.001	
11/6/2013			<0.001	<0.001		<0.001			<0.001
11/7/2013	<0.001	<0.001					<0.001		
5/20/2014									
5/21/2014	<0.001	<0.001					<0.001		
5/22/2014				<0.001	<0.001	<0.001			<0.001
5/23/2014			<0.001					<0.001	
11/8/2014			<0.001						<0.001
11/9/2014				<0.001		<0.001	<0.001		
11/12/2014		<0.001							
11/13/2014	<0.001				<0.001			<0.001	
5/22/2015			<0.001	<0.001					<0.001
5/23/2015	<0.001							<0.001	
5/24/2015		<0.001			<0.001	<0.001	<0.001		
11/9/2015									
11/10/2015			<0.001	<0.001					<0.001
11/11/2015	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	
11/12/2015									
4/6/2016									
4/11/2016			<0.001						<0.001
4/12/2016				<0.001	<0.001		<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-7	GWC-18	GWC-3	GWC-2	GWC-5	GWC-6	GWC-1	GWC-19
4/13/2016		<0.001							
4/19/2016	<0.001					<0.001			
10/4/2016					<0.001			0.00012 (J)	
10/5/2016			<0.001	<0.001					<0.001
10/6/2016		<0.001				<0.001	0.00012 (J)		
10/7/2016									
10/10/2016	<0.001								
4/4/2017									
4/5/2017								<0.001	<0.001
4/6/2017			<0.001	<0.001	<0.001	<0.001	<0.001		
4/7/2017	<0.001	<0.001							
10/4/2017					<0.001			<0.001	
10/5/2017			<0.001	<0.001		<0.001			<0.001
10/6/2017		<0.001					<0.001		
10/9/2017	<0.001								
3/20/2018			<0.001		<0.001			<0.001	<0.001
3/21/2018				<0.001			<0.001		
3/22/2018	<0.001	<0.001				<0.001			
10/2/2018			<0.001		<0.001			<0.001	<0.001
10/3/2018				<0.001		<0.001	<0.001		
10/4/2018	<0.001	<0.001							
3/26/2019			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
3/27/2019	<0.001	<0.001				<0.001			
9/10/2019				<0.001	<0.001			<0.001	
9/11/2019	<0.001	<0.001	<0.001			<0.001	<0.001		
9/12/2019									<0.001
3/18/2020	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/19/2020		<0.001							<0.001
9/9/2020	<0.001		<0.001		<0.001	<0.001		<0.001	<0.001
9/10/2020		<0.001		<0.001			<0.001		
4/1/2021		<0.001	<0.001		<0.001	<0.001		<0.001	
4/2/2021									
4/5/2021	<0.001						<0.001		<0.001
4/6/2021				<0.001					
8/11/2021		<0.001	<0.001				<0.001		<0.001
8/12/2021	<0.001			<0.001	<0.001	<0.001			
8/17/2021									
8/18/2021								<0.001	
2/15/2022	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
2/16/2022			<0.001						<0.001
8/24/2022								<0.001	
8/25/2022	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001
8/26/2022					<0.001				
2/21/2023									
2/27/2023	<0.001	<0.001			<0.001		<0.001	<0.001	
2/28/2023			<0.001	<0.001		<0.001			<0.001
8/3/2023									
8/8/2023	<0.001	<0.001				<0.001	<0.001		<0.001
8/9/2023			<0.001	<0.001	<0.001			<0.001	
2/28/2024									
2/29/2024	<0.001	<0.001	<0.001			<0.001	<0.001		<0.001
3/1/2024					<0.001			<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-7	GWC-18	GWC-3	GWC-2	GWC-5	GWC-6	GWC-1	GWC-19
3/4/2024				<0.001					
8/6/2024	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001
8/7/2024				<0.001			<0.001		
8/8/2024									
2/24/2025	<0.001	<0.001					<0.001		
2/25/2025			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
2/26/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-20
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		
6/17/2010	<0.001	<0.001
6/18/2010		
6/19/2010		
7/26/2010		
7/27/2010		<0.001
7/28/2010	<0.001	
7/29/2010		
9/7/2010		<0.001
9/8/2010	<0.001	
9/9/2010		
4/26/2011		
4/28/2011	<0.001	
4/29/2011		<0.001
4/30/2011		
10/27/2011		
10/28/2011		<0.001
10/29/2011	<0.001	
5/2/2012		
5/3/2012	<0.001	<0.001
5/4/2012		
11/9/2012		
11/10/2012	<0.001	<0.001
11/11/2012		
5/8/2013		
5/9/2013		<0.001
5/10/2013	<0.001	
11/5/2013		
11/6/2013	<0.001	<0.001
11/7/2013		
5/20/2014		
5/21/2014		
5/22/2014	<0.001	<0.001
5/23/2014		
11/8/2014		
11/9/2014	<0.001	<0.001
11/12/2014		
11/13/2014		
5/22/2015	<0.001	<0.001
5/23/2015		
5/24/2015		
11/9/2015		
11/10/2015		<0.001
11/11/2015	<0.001	
11/12/2015		
4/6/2016		
4/11/2016		
4/12/2016	<0.001	<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-20
4/13/2016		
4/19/2016		
10/4/2016		
10/5/2016		<0.001
10/6/2016	<0.001	
10/7/2016		
10/10/2016		
4/4/2017		
4/5/2017		
4/6/2017	<0.001	<0.001
4/7/2017		
10/4/2017		
10/5/2017		<0.001
10/6/2017	<0.001	
10/9/2017		
3/20/2018		
3/21/2018	<0.001	<0.001
3/22/2018		
10/2/2018		
10/3/2018	<0.001	<0.001
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019	<0.001	
9/11/2019		
9/12/2019		<0.001
3/18/2020		
3/19/2020	<0.001	<0.001
9/9/2020		
9/10/2020	<0.001	<0.001
4/1/2021		
4/2/2021	<0.001	
4/5/2021		<0.001
4/6/2021		
8/11/2021		<0.001
8/12/2021	<0.001	
8/17/2021		
8/18/2021		
2/15/2022	<0.001	
2/16/2022		<0.001
8/24/2022		
8/25/2022	<0.001	<0.001
8/26/2022		
2/21/2023		
2/27/2023	<0.001	
2/28/2023		<0.001
8/3/2023		
8/8/2023	<0.001	<0.001
8/9/2023		
2/28/2024		
2/29/2024	<0.001	
3/1/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-20
3/4/2024		
8/6/2024		<0.001
8/7/2024	<0.001	
8/8/2024		
2/24/2025		
2/25/2025	<0.001	<0.001
2/26/2025		

ND substitution: RL or RL/2 if <15% NDs.

FIGURE K.

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-17 (bg)	-0.0006179	-249	-206	Yes	38	0	n/a	0.01	NP
Barium (mg/L)	GWC-4	0.00244	557	214	Yes	39	0	n/a	0.01	NP
Barium (mg/L)	GWC-19	0.001106	433	206	Yes	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2764	156	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.906	223	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.3603	162	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.169	246	118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	GWC-20	0.3925	121	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1133	117	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.03414	-126	-105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWC-4	2.078	251	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2885	184	105	Yes	24	0	n/a	0.01	NP
Chromium (mg/L)	GWA-16 (bg)	0.0001503	240	206	Yes	38	0	n/a	0.01	NP
Chromium (mg/L)	GWA-17 (bg)	0.0002086	309	206	Yes	38	0	n/a	0.01	NP
pH, Field (SU)	GWA-17 (bg)	0.04103	401	206	Yes	38	0	n/a	0.01	NP
pH, Field (SU)	GWC-18	0.01748	273	214	Yes	39	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.2033	162	105	Yes	24	29.17	n/a	0.01	NP
Sulfate (mg/L)	GWC-3	0.3472	146	131	Yes	28	39.29	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	4.944	196	118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	GWC-4	17.7	218	111	Yes	25	0	n/a	0.01	NP
Vanadium (mg/L)	GWA-16 (bg)	0.0002041	214	167	Yes	33	3.03	n/a	0.01	NP
Vanadium (mg/L)	GWA-17 (bg)	0.0001613	231	167	Yes	33	12.12	n/a	0.01	NP

Appendix I & III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-15 (bg)	0.00002022	119	206	No	38	0	n/a	0.01	NP
Barium (mg/L)	GWA-16 (bg)	-0.0001203	-105	-206	No	38	0	n/a	0.01	NP
Barium (mg/L)	**GWA-17 (bg)**	**-0.0006179**	**-249**	**-206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-4**	**0.00244**	**557**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-6	0.0002986	116	206	No	38	0	n/a	0.01	NP
Barium (mg/L)	**GWC-19**	**0.001106**	**433**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-20	0.0002056	131	206	No	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	9	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.1898	79	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-17 (bg)**	**0.2764**	**156**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-3	-0.2115	-47	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-4**	**1.906**	**223**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-6	-0.2422	-65	-111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-7**	**0.3603**	**162**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-9	0.4288	116	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	GWC-12	0.01692	55	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-19**	**1.169**	**246**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-20**	**0.3925**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-15 (bg)**	**0.1133**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-16 (bg)	0	-43	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**GWA-17 (bg)**	**-0.03414**	**-126**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-4**	**2.078**	**251**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-7**	**0.2885**	**184**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-9	0.1206	95	105	No	24	0	n/a	0.01	NP
Chromium (mg/L)	GWA-15 (bg)	0	2	206	No	38	92.11	n/a	0.01	NP
Chromium (mg/L)	**GWA-16 (bg)**	**0.0001503**	**240**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-17 (bg)**	**0.0002086**	**309**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWC-7	0.00003191	45	214	No	39	0	n/a	0.01	NP
pH, Field (SU)	GWA-15 (bg)	-0.006807	-106	-214	No	39	0	n/a	0.01	NP
pH, Field (SU)	GWA-16 (bg)	0.01077	136	206	No	38	0	n/a	0.01	NP
pH, Field (SU)	**GWA-17 (bg)**	**0.04103**	**401**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-6	0.008611	1.768	2.58	No	41	0	n/a	0.01	NP
pH, Field (SU)	GWC-7	0.01046	155	223	No	40	0	n/a	0.01	NP
pH, Field (SU)	GWC-9	0.01219	153	223	No	40	0	n/a	0.01	NP
pH, Field (SU)	**GWC-18**	**0.01748**	**273**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Selenium (mg/L)	GWA-15 (bg)	0	-3	-206	No	38	97.37	n/a	0.01	NP
Selenium (mg/L)	GWA-16 (bg)	0	8	206	No	38	92.11	n/a	0.01	NP
Selenium (mg/L)	GWA-17 (bg)	0	13	206	No	38	94.74	n/a	0.01	NP
Selenium (mg/L)	GWC-4	0	-140	-206	No	38	78.95	n/a	0.01	NP
Sulfate (mg/L)	**GWA-15 (bg)**	**0.2033**	**162**	**105**	**Yes**	**24**	**29.17**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-16 (bg)	0	16	105	No	24	83.33	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	31	105	No	24	79.17	n/a	0.01	NP
Sulfate (mg/L)	**GWC-3**	**0.3472**	**146**	**131**	**Yes**	**28**	**39.29**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-4**	**4.944**	**196**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-6	0.459	58	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-7	0	89	105	No	24	66.67	n/a	0.01	NP
Sulfate (mg/L)	GWC-9	0.9337	102	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	GWA-15 (bg)	1.809	78	105	No	24	8.333	n/a	0.01	NP
TDS (mg/L)	GWA-16 (bg)	1.73	40	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	GWA-17 (bg)	3.043	90	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	GWC-3	1.613	46	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**GWC-4**	**17.7**	**218**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-15 (bg)	0	-58	-167	No	33	78.79	n/a	0.01	NP
Vanadium (mg/L)	**GWA-16 (bg)**	**0.0002041**	**214**	**167**	**Yes**	**33**	**3.03**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	**GWA-17 (bg)**	**0.0001613**	**231**	**167**	**Yes**	**33**	**12.12**	**n/a**	**0.01**	**NP**

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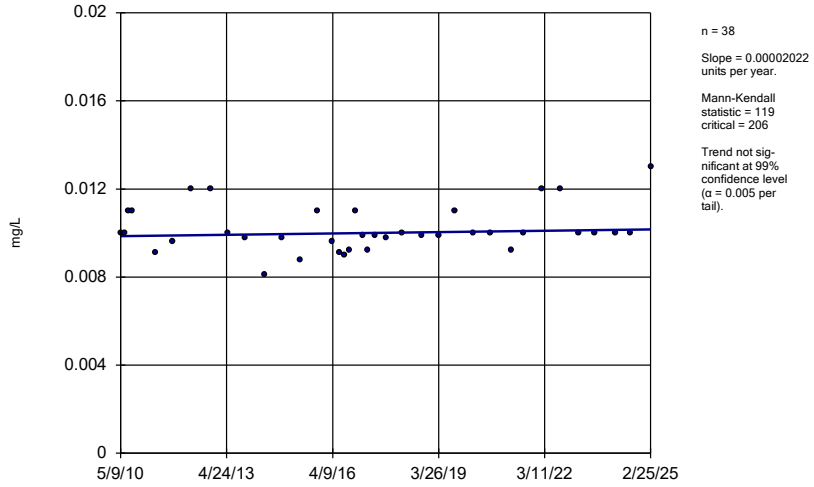
Sen's Slope Estimator

GWA-15 (bg)



n = 38

Slope = 0.00002022 units per year.

Mann-Kendall statistic = 119 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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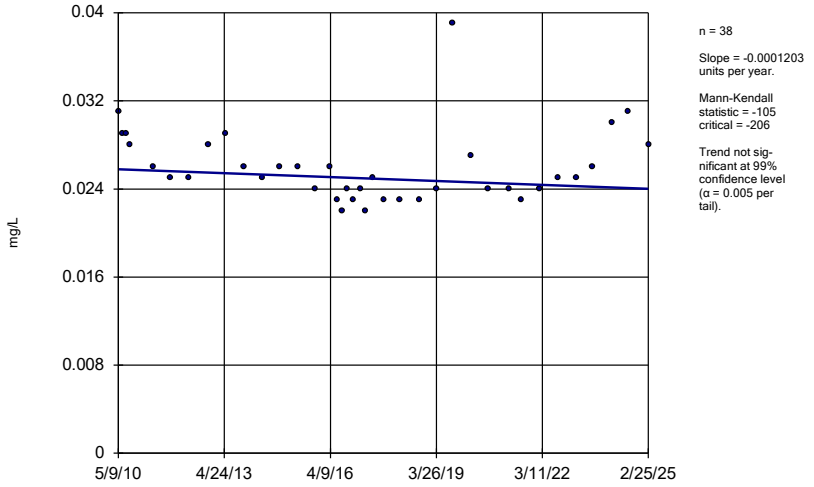
Sen's Slope Estimator

GWA-16 (bg)



n = 38

Slope = -0.0001203 units per year.

Mann-Kendall statistic = -105 critical = -206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

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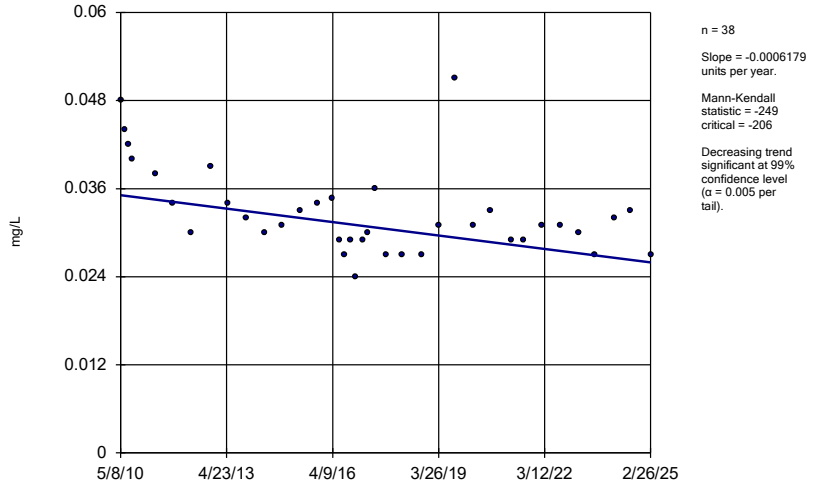
Sen's Slope Estimator

GWA-17 (bg)



n = 38

Slope = -0.0006179 units per year.

Mann-Kendall statistic = -249 critical = -206

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

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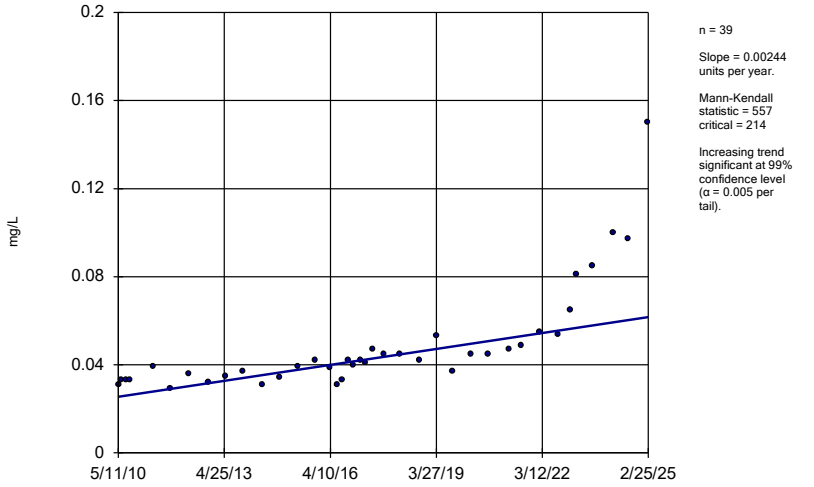
Sen's Slope Estimator

GWC-4



n = 39

Slope = 0.00244 units per year.

Mann-Kendall statistic = 557 critical = 214

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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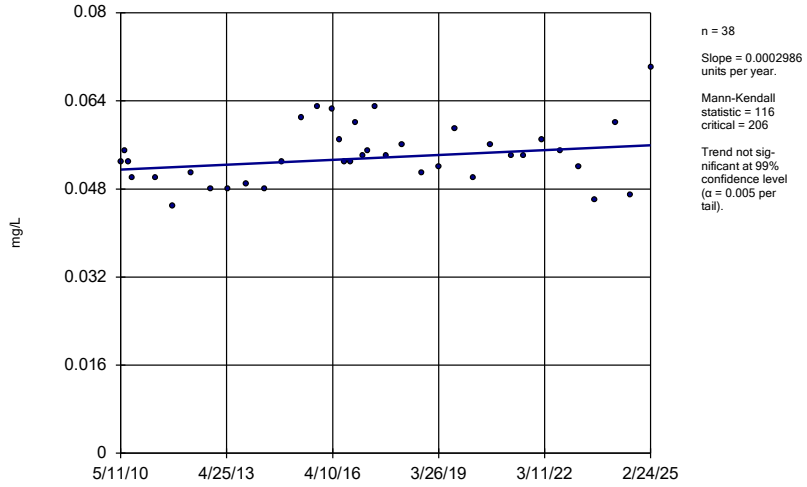
Sen's Slope Estimator

GWC-6



n = 38

Slope = 0.0002986 units per year.

Mann-Kendall statistic = 116 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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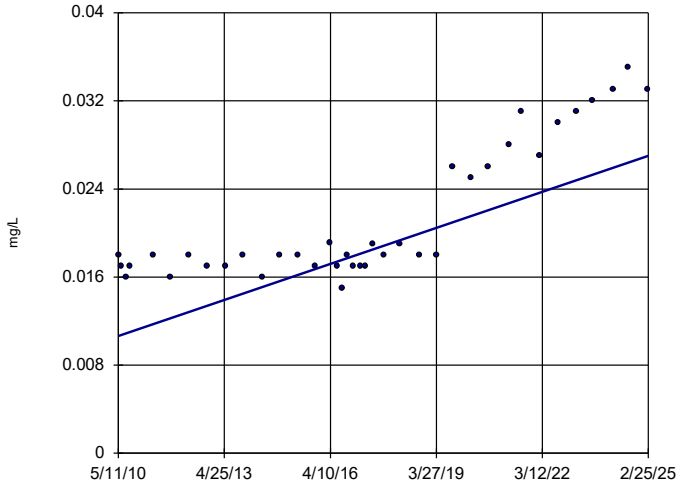
Sen's Slope Estimator

GWC-19



n = 38

Slope = 0.001106 units per year.

Mann-Kendall statistic = 433 critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

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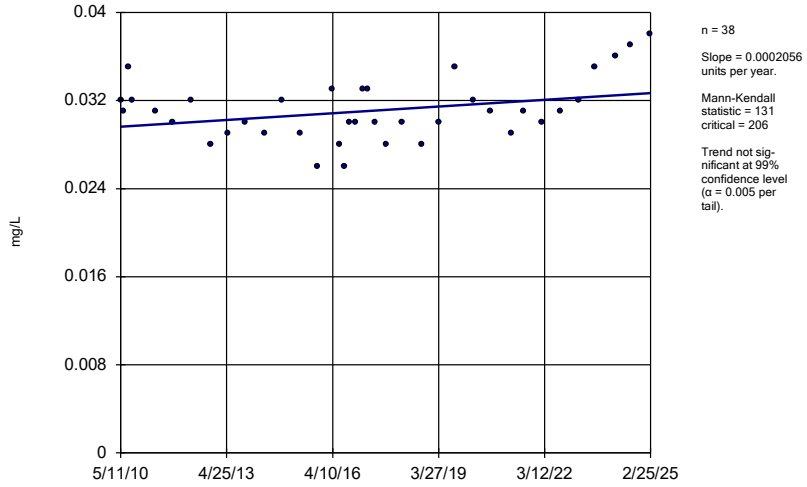
Sen's Slope Estimator

GWC-20



n = 38

Slope = 0.0002056 units per year.

Mann-Kendall statistic = 131 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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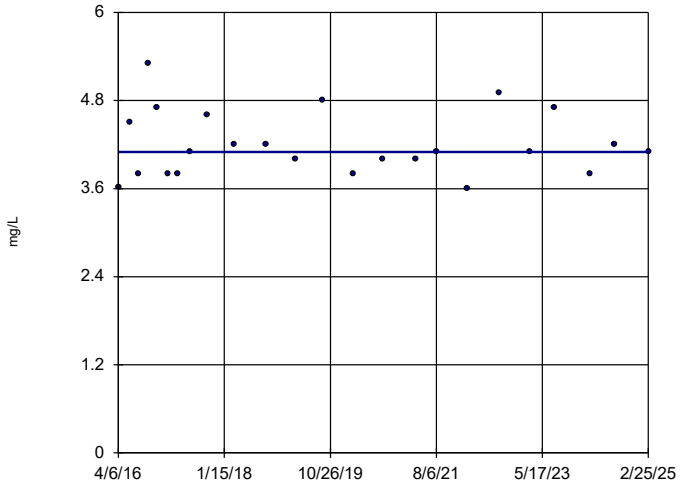
Sen's Slope Estimator

GWA-15 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 9 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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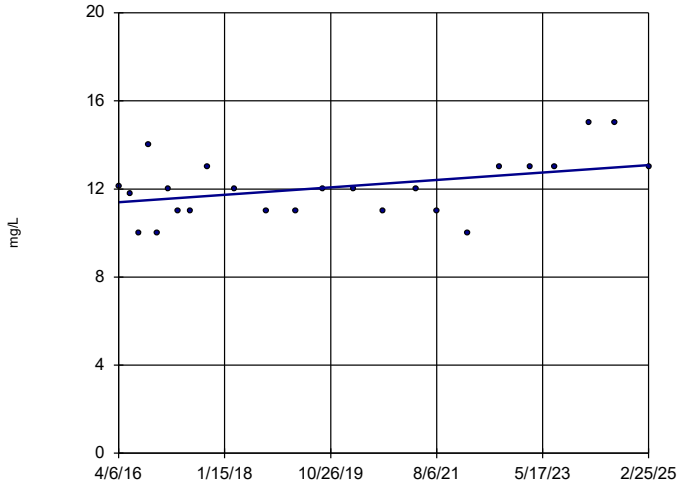
Sen's Slope Estimator

GWA-16 (bg)



n = 24

Slope = 0.1898 units per year.

Mann-Kendall statistic = 79 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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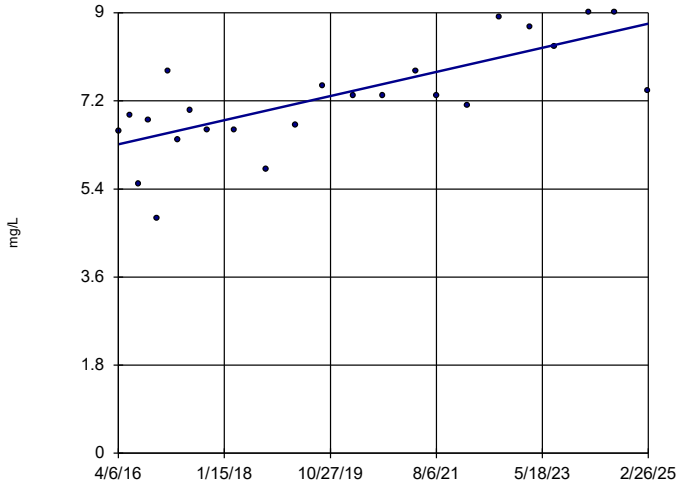
Sen's Slope Estimator

GWA-17 (bg)



n = 24

Slope = 0.2764 units per year.

Mann-Kendall statistic = 156 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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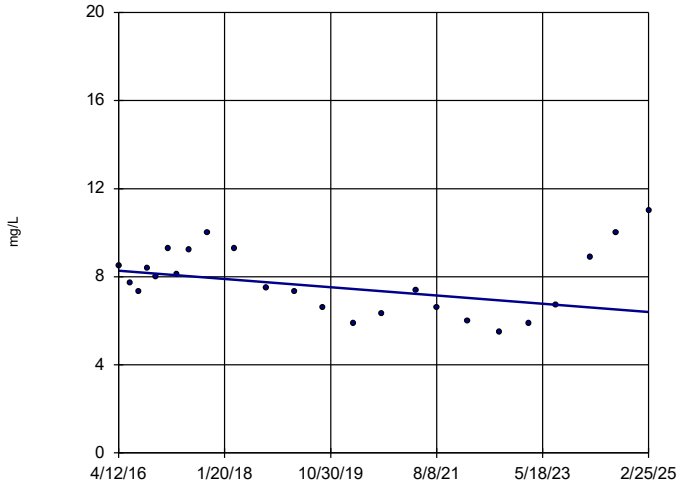
Sen's Slope Estimator

GWC-3



n = 24

Slope = -0.2115 units per year.

Mann-Kendall statistic = -47 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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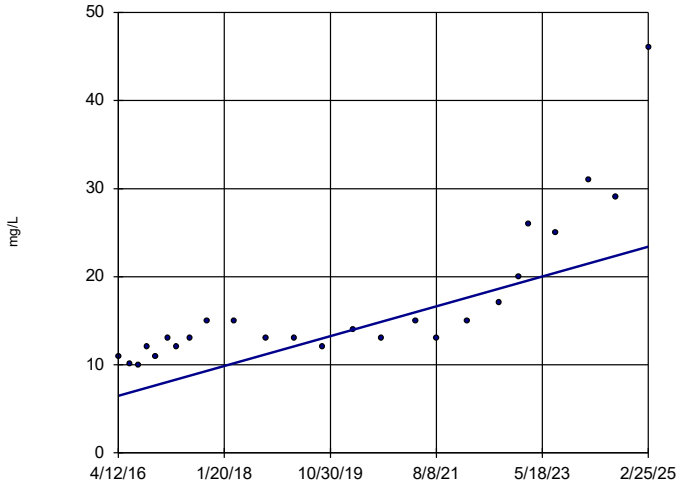
Sen's Slope Estimator

GWC-4



n = 25

Slope = 1.906 units per year.

Mann-Kendall statistic = 223 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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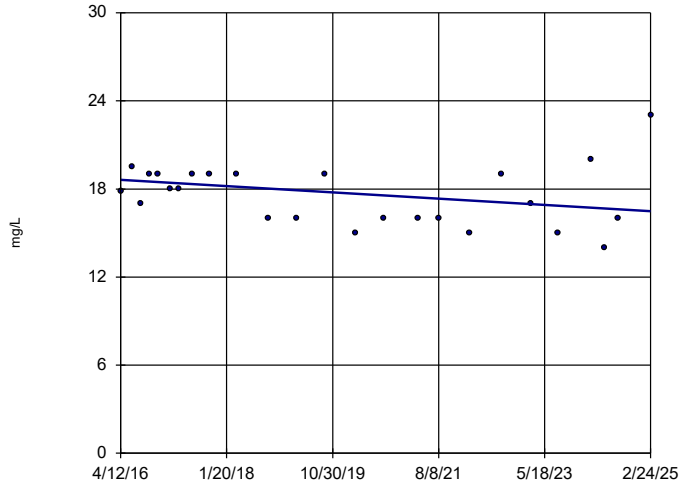
Sen's Slope Estimator

GWC-6



n = 25

Slope = -0.2422 units per year.

Mann-Kendall statistic = -65
critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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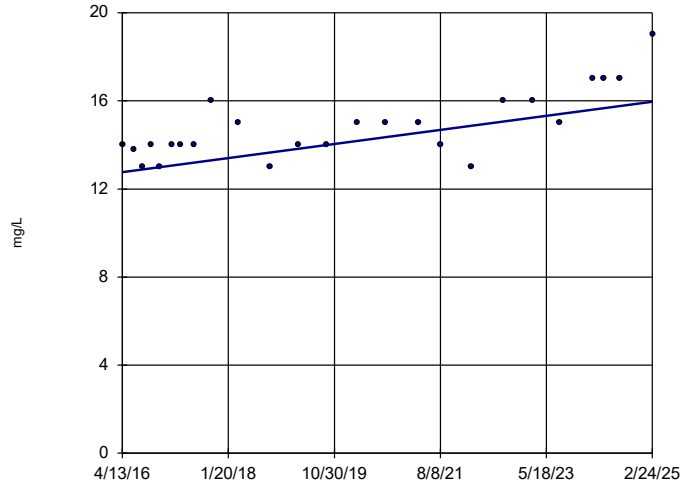
Sen's Slope Estimator

GWC-7



n = 25

Slope = 0.3603 units per year.

Mann-Kendall statistic = 162
critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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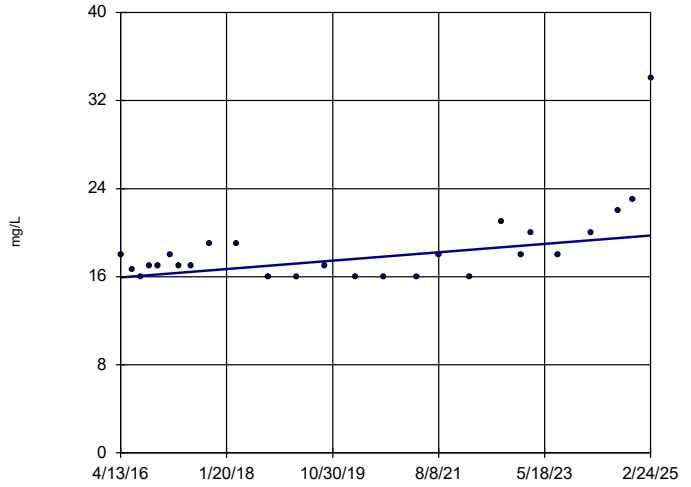
Sen's Slope Estimator

GWC-9



n = 26

Slope = 0.4288 units per year.

Mann-Kendall statistic = 116
critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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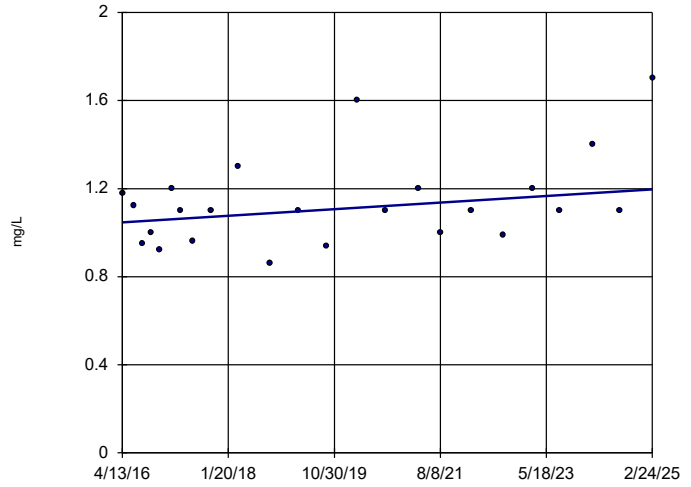
Sen's Slope Estimator

GWC-12



n = 24

Slope = 0.01692 units per year.

Mann-Kendall statistic = 55
critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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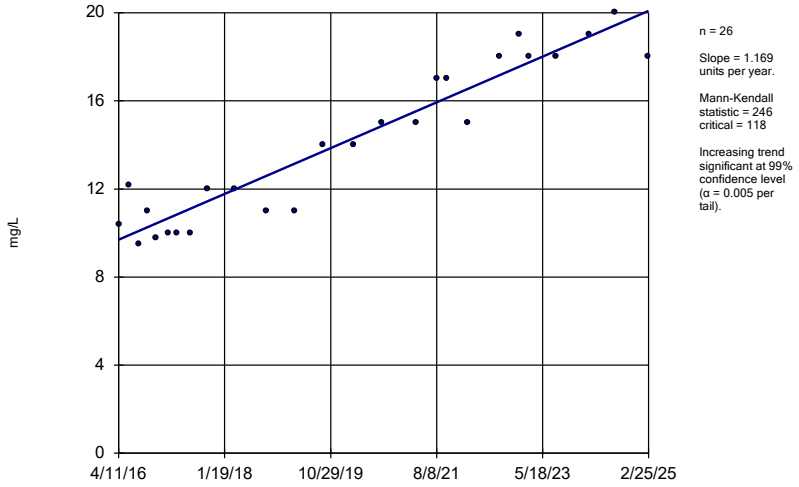
Sen's Slope Estimator

GWC-19



n = 26

Slope = 1.169 units per year.

Mann-Kendall statistic = 246 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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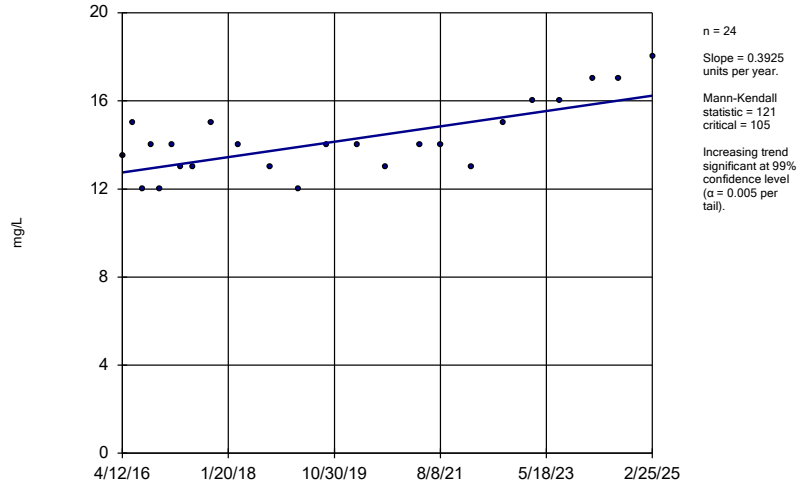
Sen's Slope Estimator

GWC-20



n = 24

Slope = 0.3925 units per year.

Mann-Kendall statistic = 121 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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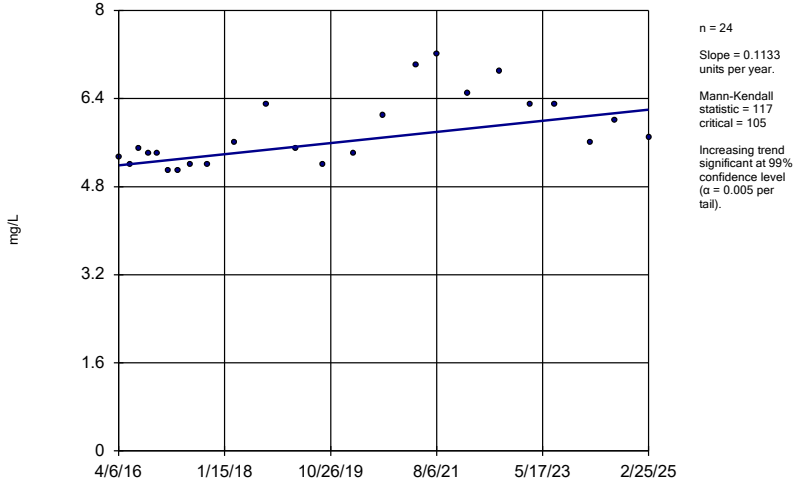
Sen's Slope Estimator

GWA-15 (bg)



n = 24

Slope = 0.1133 units per year.

Mann-Kendall statistic = 117 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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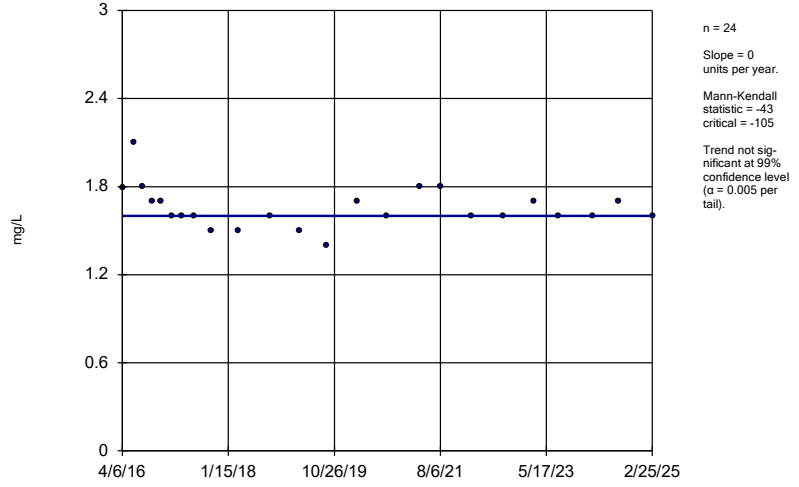
Sen's Slope Estimator

GWA-16 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -43 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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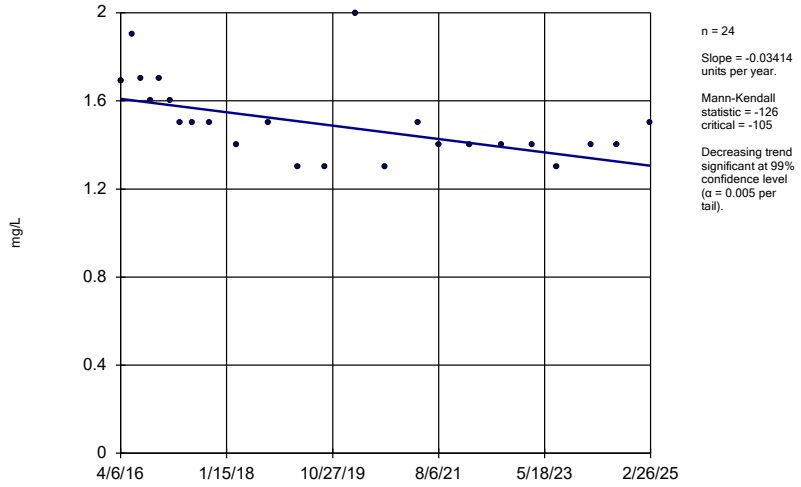
Sen's Slope Estimator

GWA-17 (bg)



n = 24

Slope = -0.03414 units per year.

Mann-Kendall statistic = -126 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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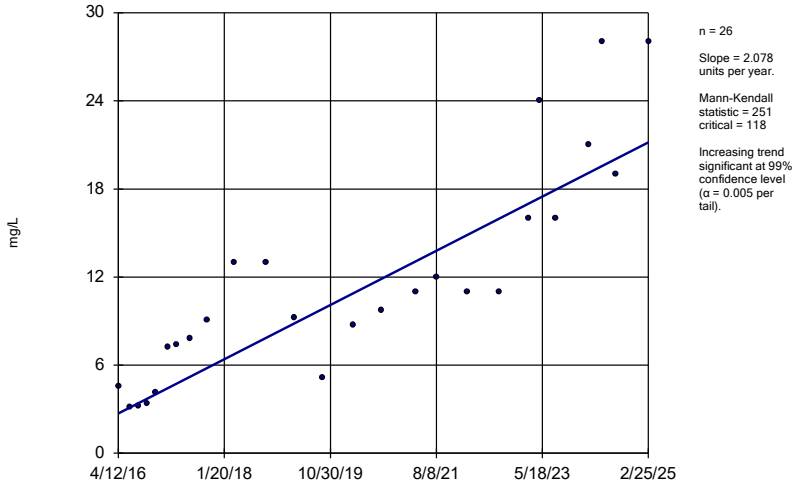
Sen's Slope Estimator

GWC-4



n = 26

Slope = 2.078 units per year.

Mann-Kendall statistic = 251 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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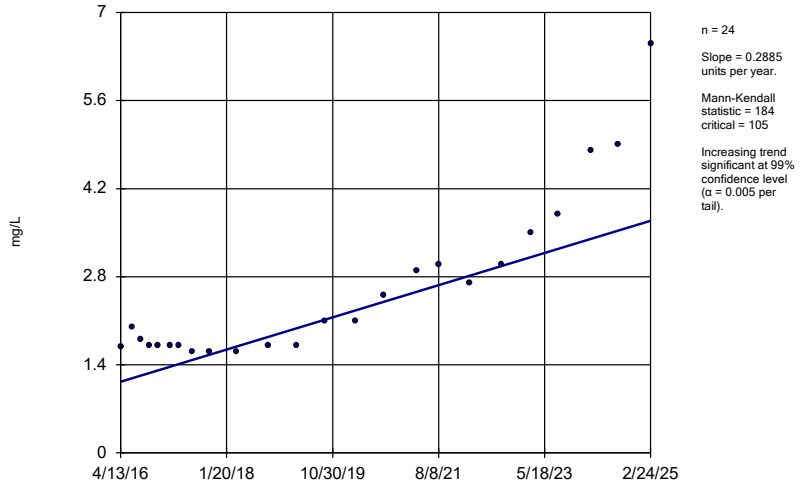
Sen's Slope Estimator

GWC-7



n = 24

Slope = 0.2885 units per year.

Mann-Kendall statistic = 184 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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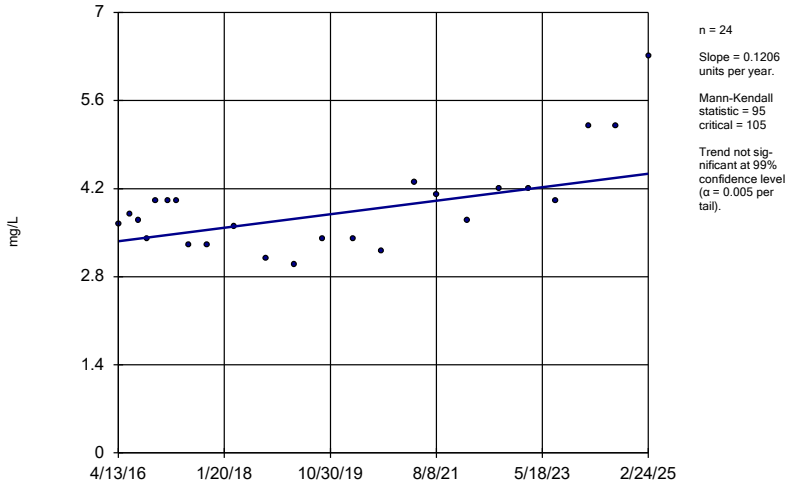
Sen's Slope Estimator

GWC-9



n = 24

Slope = 0.1206 units per year.

Mann-Kendall statistic = 95 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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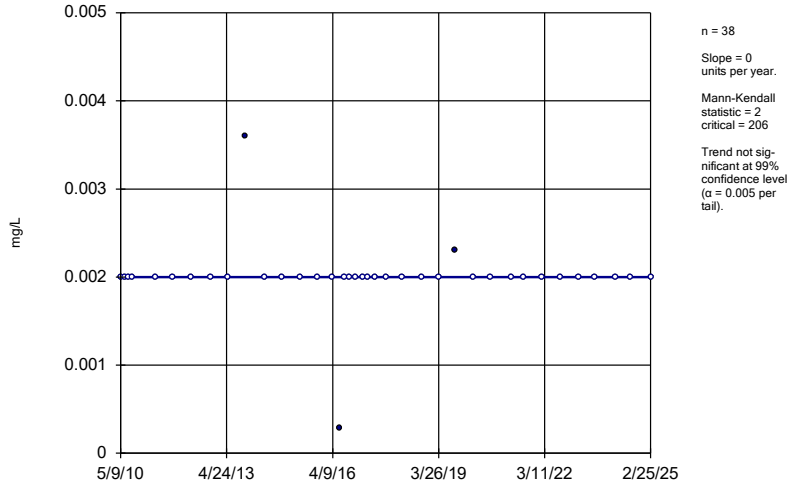
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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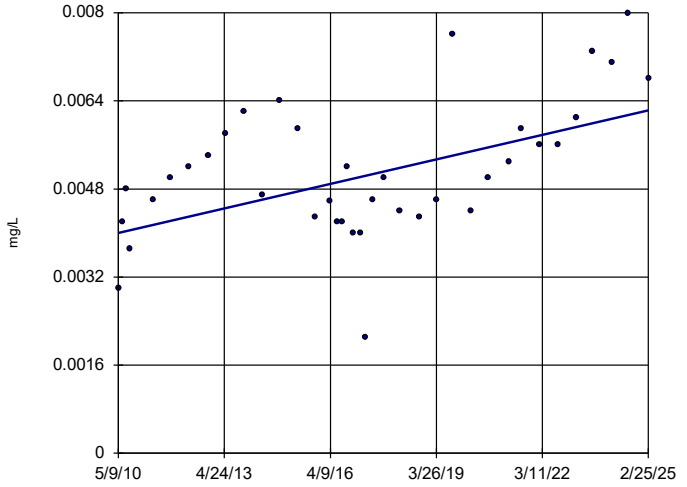
Sen's Slope Estimator

GWA-16 (bg)



n = 38

Slope = 0.0001503 units per year.

Mann-Kendall statistic = 240 critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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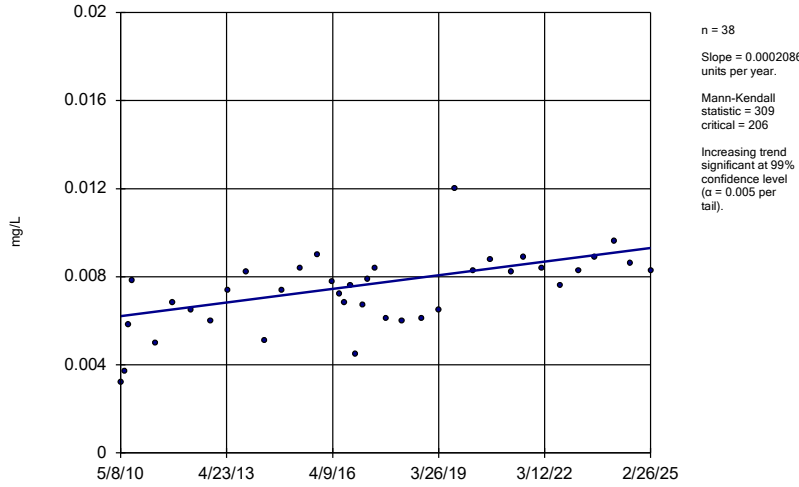
Sen's Slope Estimator

GWA-17 (bg)



n = 38

Slope = 0.0002086 units per year.

Mann-Kendall statistic = 309 critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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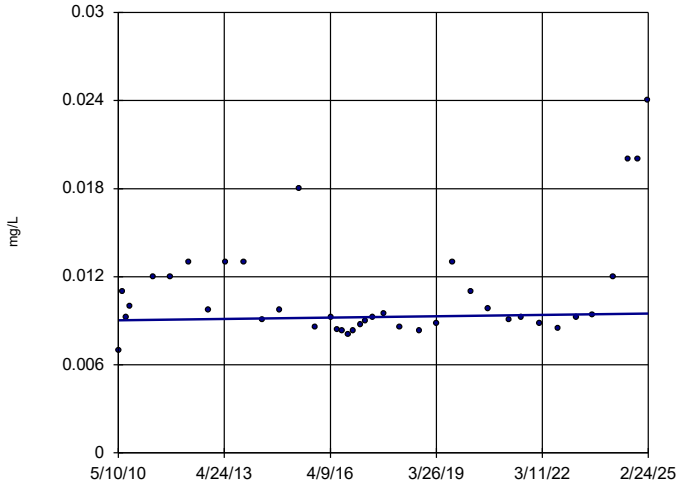
Sen's Slope Estimator

GWC-7



n = 39

Slope = 0.00003191 units per year.

Mann-Kendall statistic = 45 critical = 214

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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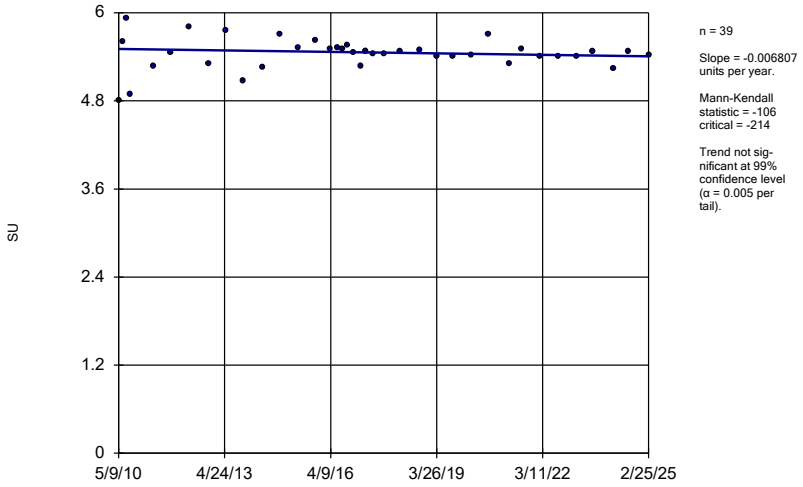
Sen's Slope Estimator

GWA-15 (bg)



n = 39

Slope = -0.006807 units per year.

Mann-Kendall statistic = -106
critical = -214

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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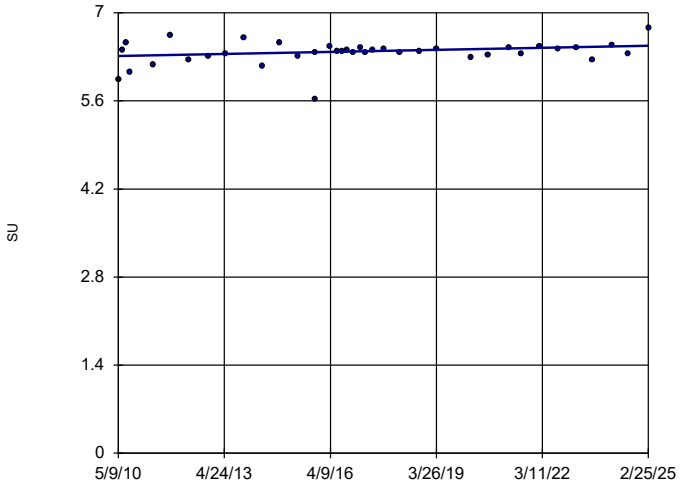
Sen's Slope Estimator

GWA-16 (bg)



n = 38

Slope = 0.01077 units per year.

Mann-Kendall statistic = 136
critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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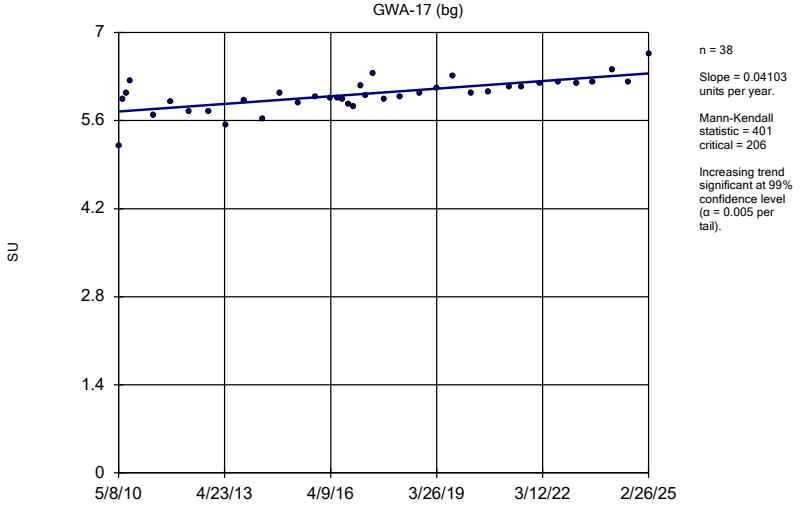
Sen's Slope Estimator

GWA-17 (bg)



n = 38

Slope = 0.04103 units per year.

Mann-Kendall statistic = 401
critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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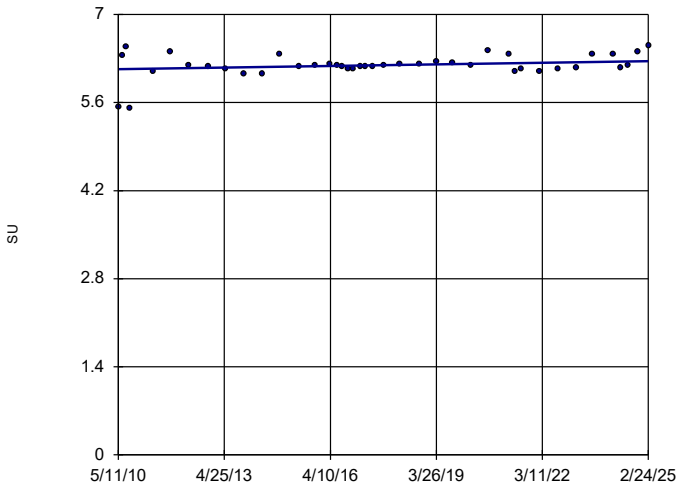
Sen's Slope Estimator

GWC-6



n = 41

Slope = 0.008611 units per year.

Mann-Kendall normal approx. = 1.768
critical = 2.58

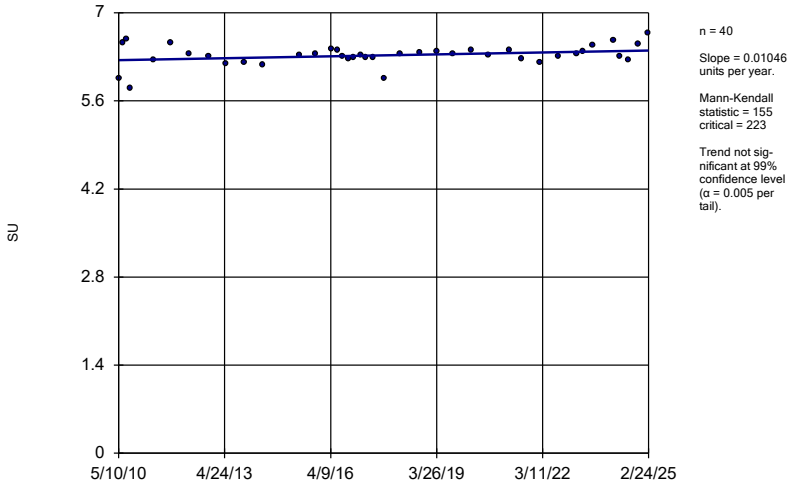
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-7



n = 40

Slope = 0.01046 units per year.

Mann-Kendall statistic = 155 critical = 223

Trend not significant at 99% confidence level (α = 0.005 per tail).

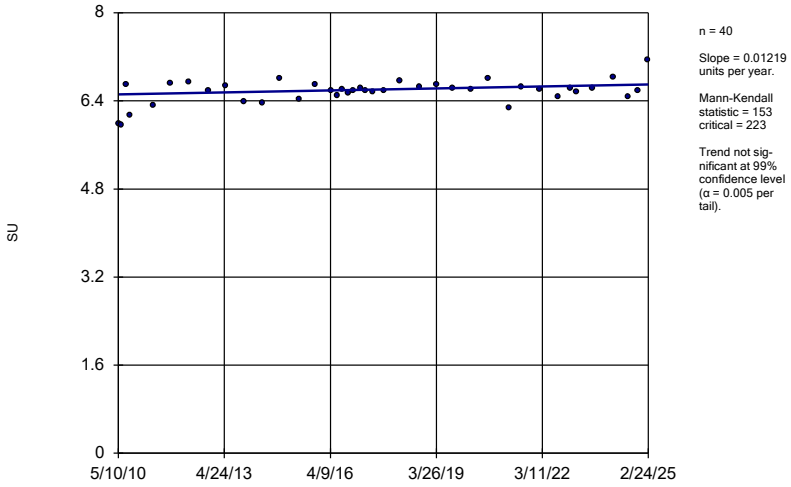
Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-9



n = 40

Slope = 0.01219 units per year.

Mann-Kendall statistic = 153 critical = 223

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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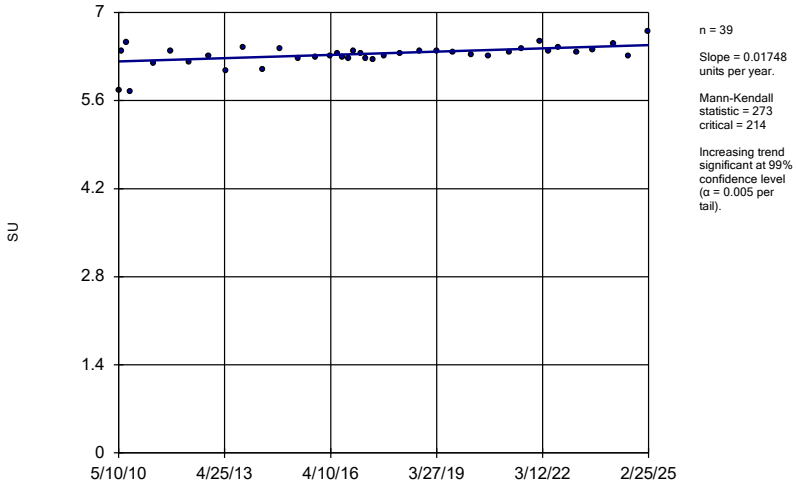
Sen's Slope Estimator

GWC-18



n = 39

Slope = 0.01748 units per year.

Mann-Kendall statistic = 273 critical = 214

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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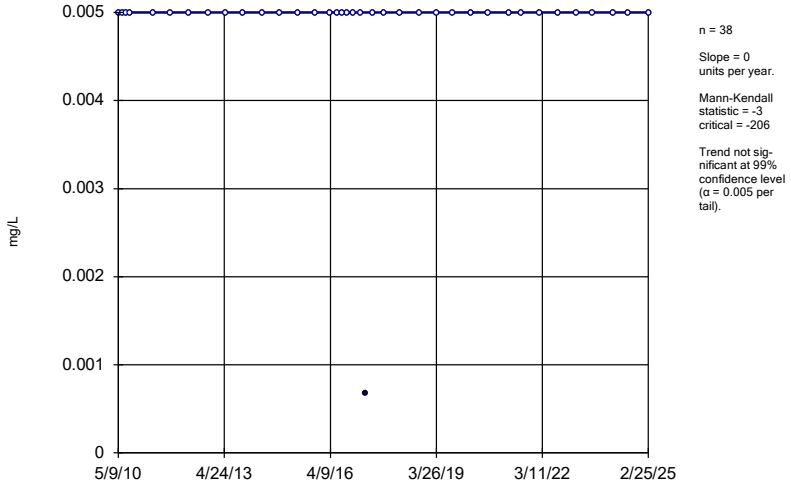
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = -3 critical = -206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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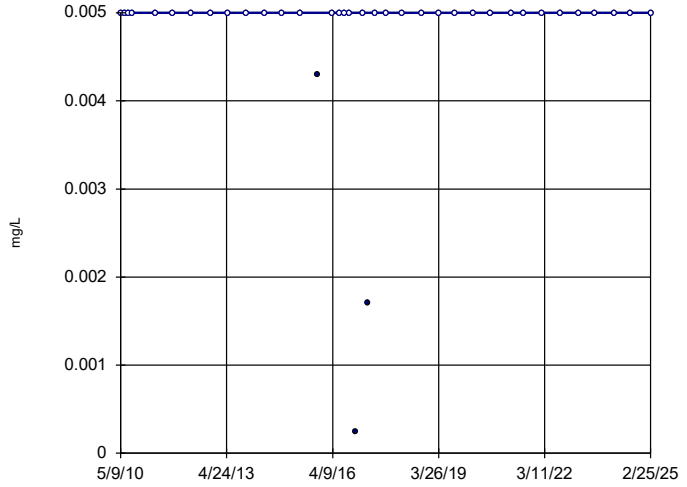
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = 8
critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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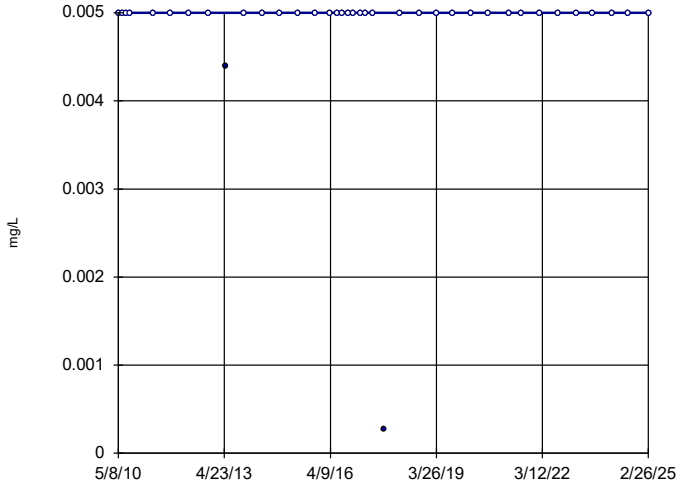
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = 13
critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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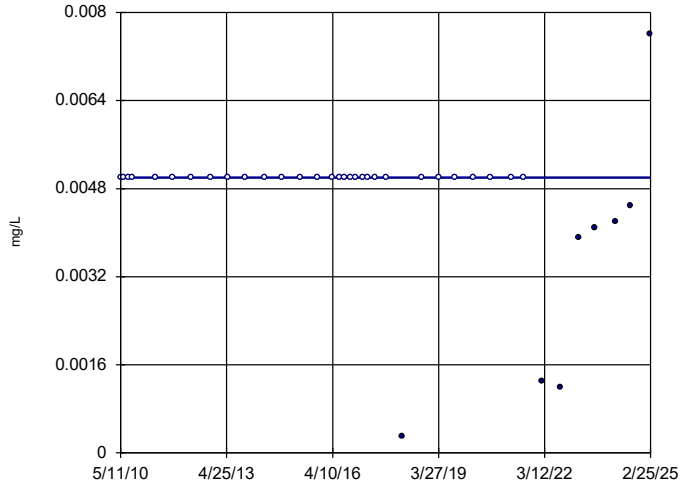
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-4



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = -140
critical = -206

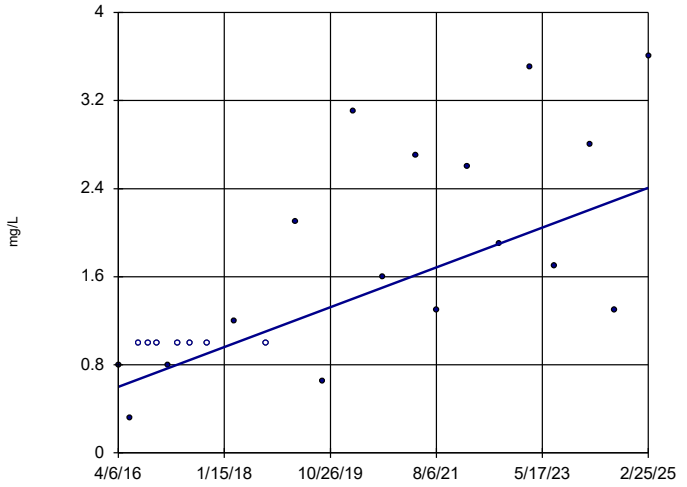
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 24

Slope = 0.2033 units per year.

Mann-Kendall statistic = 162
critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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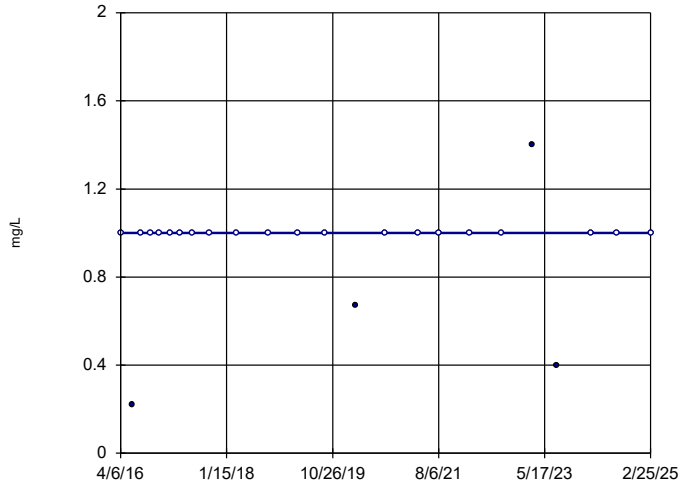
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 16
critical = 105

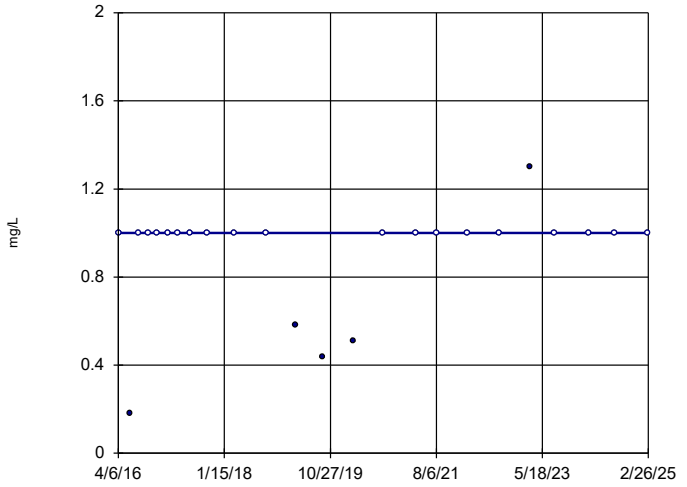
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 31
critical = 105

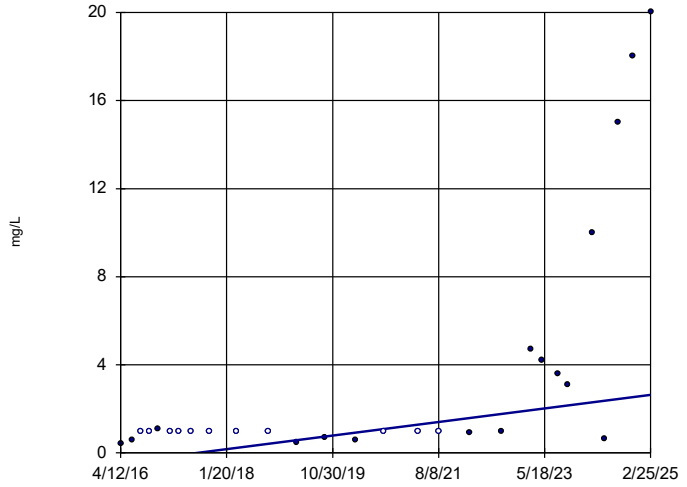
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-3



n = 28

Slope = 0.3472 units per year.

Mann-Kendall statistic = 146
critical = 131

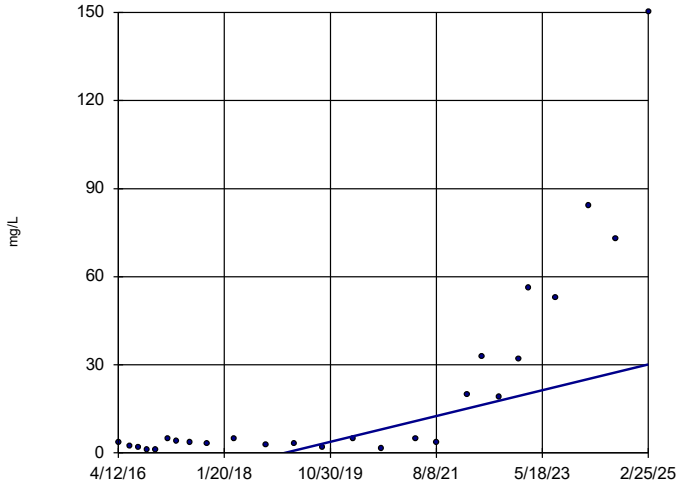
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-4



n = 26

Slope = 4.944 units per year.

Mann-Kendall statistic = 196
critical = 118

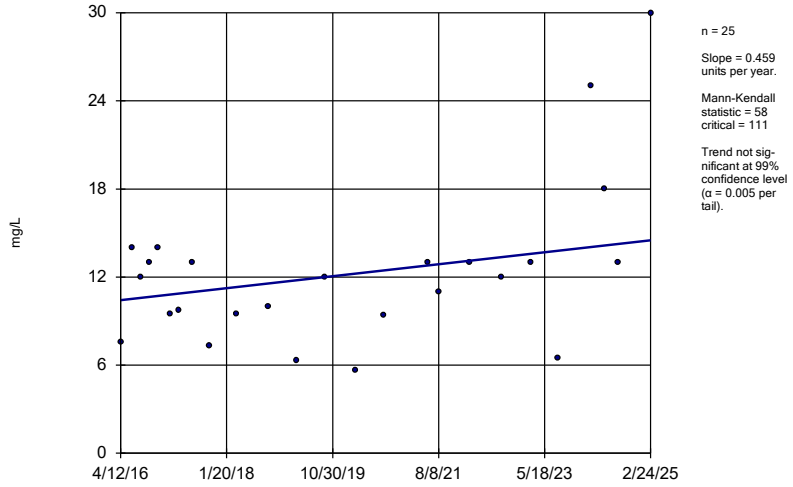
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-6

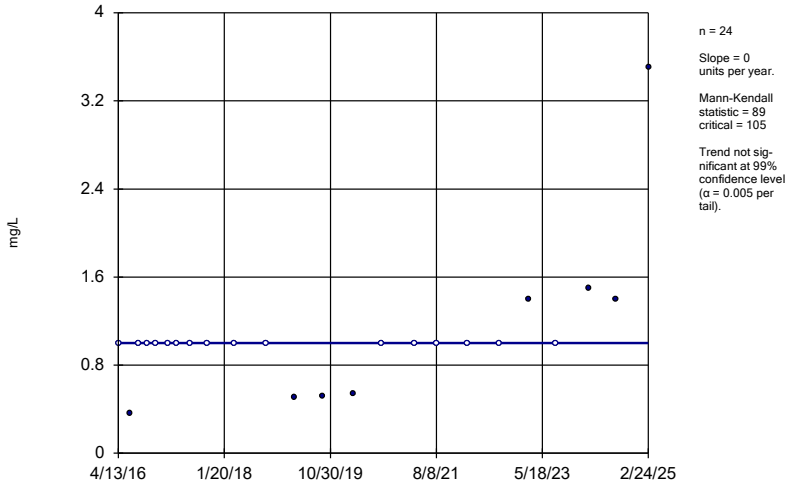


Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-7

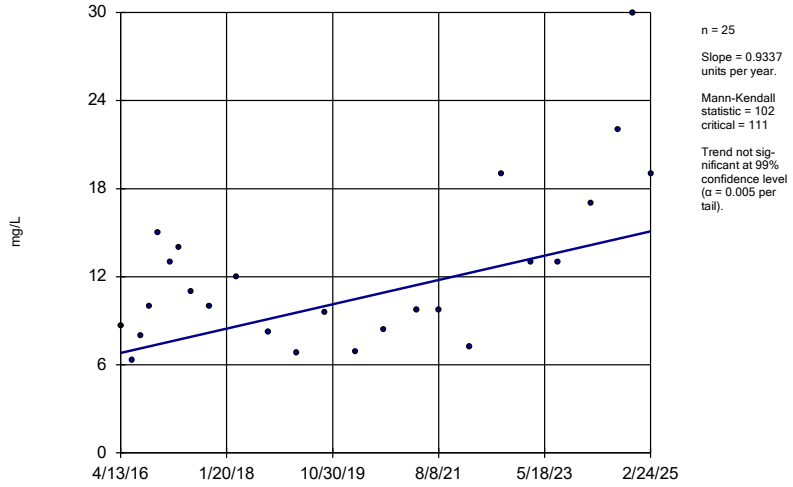


Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-9



Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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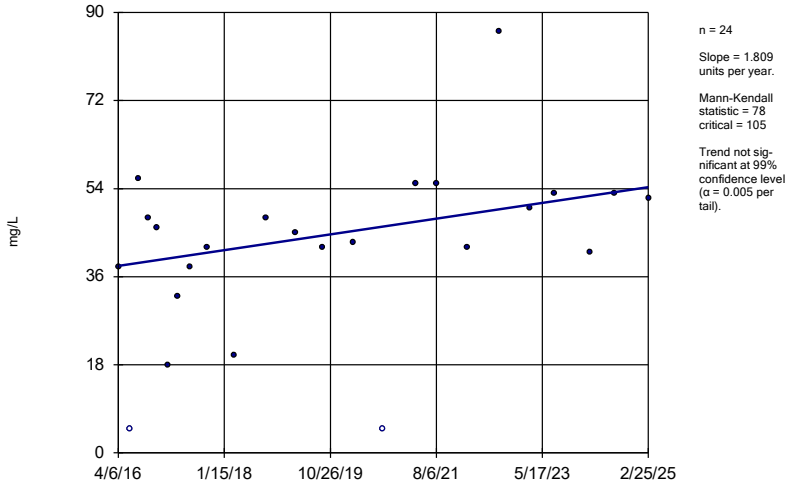
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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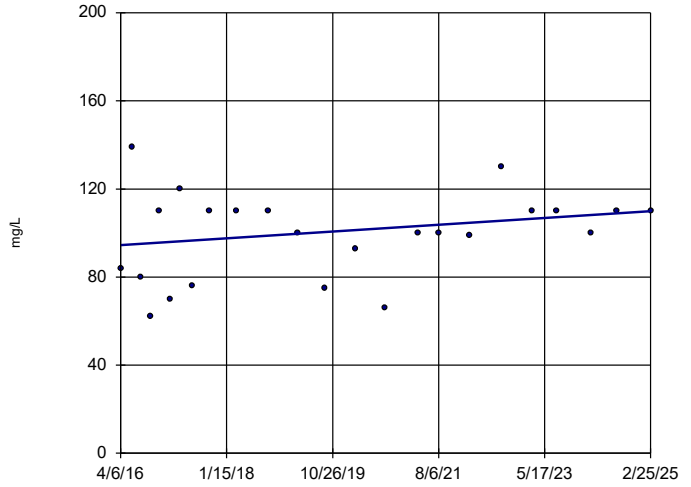
Sen's Slope Estimator

GWA-16 (bg)



n = 24

Slope = 1.73 units per year.

Mann-Kendall statistic = 40 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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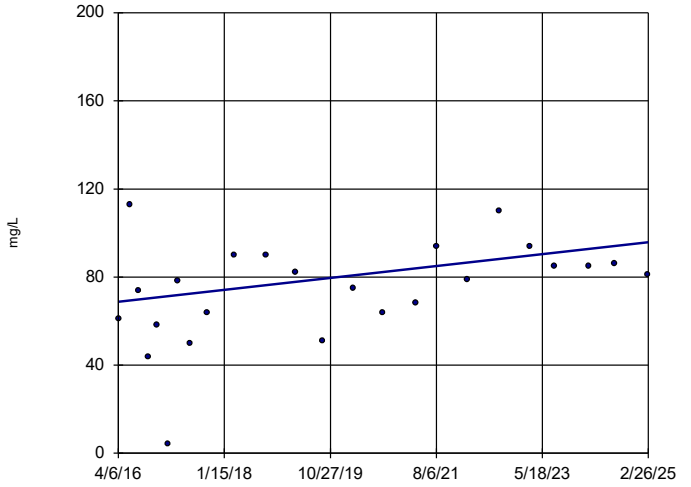
Sen's Slope Estimator

GWA-17 (bg)



n = 24

Slope = 3.043 units per year.

Mann-Kendall statistic = 90 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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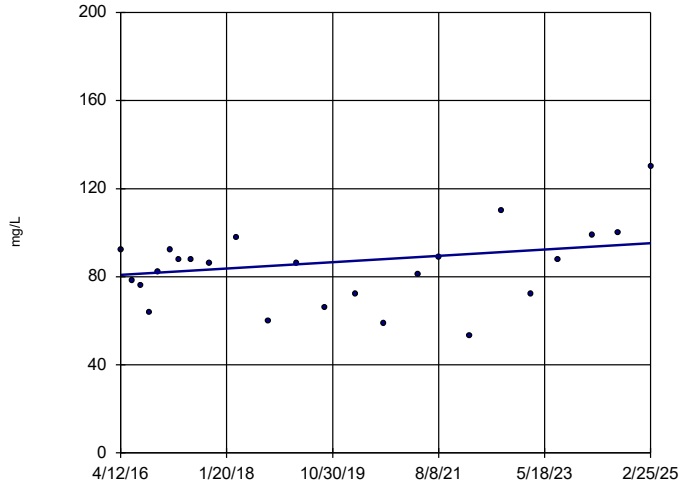
Sen's Slope Estimator

GWC-3



n = 24

Slope = 1.613 units per year.

Mann-Kendall statistic = 46 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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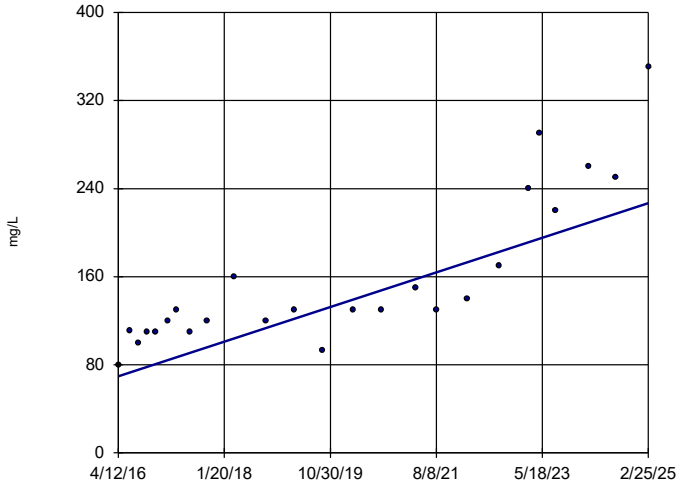
Sen's Slope Estimator

GWC-4



n = 25

Slope = 17.7 units per year.

Mann-Kendall statistic = 218 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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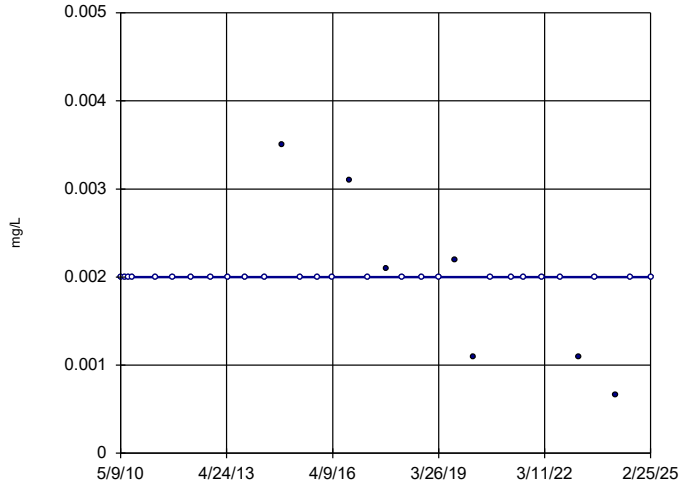
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 33

Slope = 0 units per year.

Mann-Kendall statistic = -58
critical = -167

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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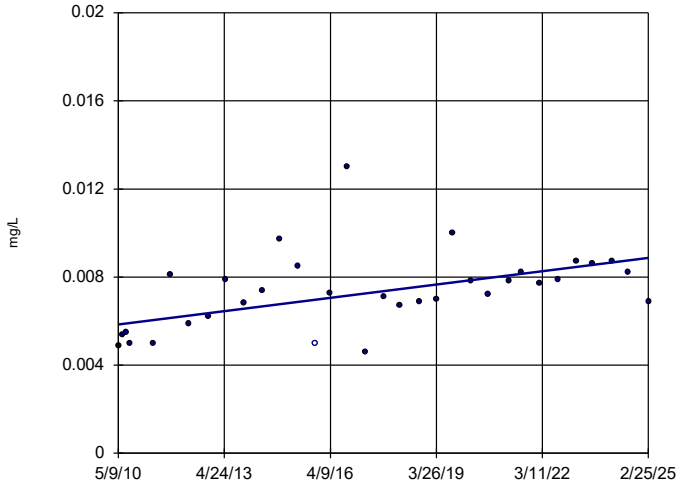
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 33

Slope = 0.0002041 units per year.

Mann-Kendall statistic = 214
critical = 167

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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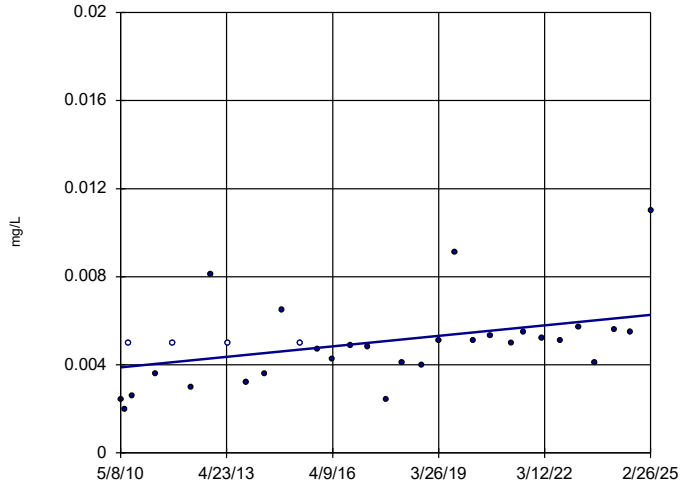
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 33

Slope = 0.0001613 units per year.

Mann-Kendall statistic = 231
critical = 167

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE L.

Appendix I Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-6	0.06535	n/a	4/22/2025	0.065	No	37	0.05372	0.004755	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

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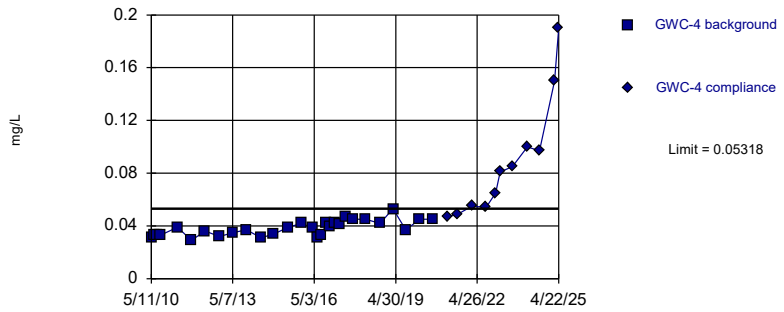
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:37 PM View: Appendix I - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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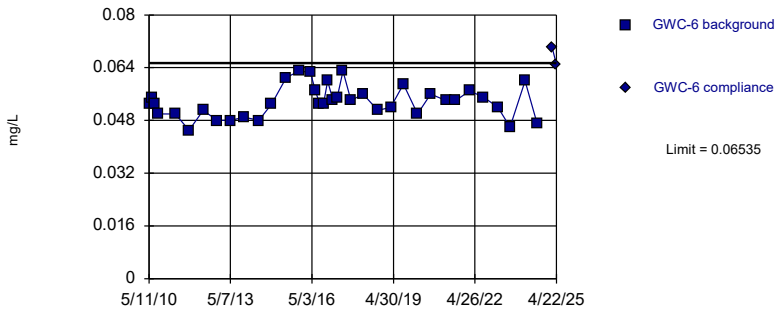
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05372, Std. Dev.=0.004755, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9617, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:37 PM View: Appendix I - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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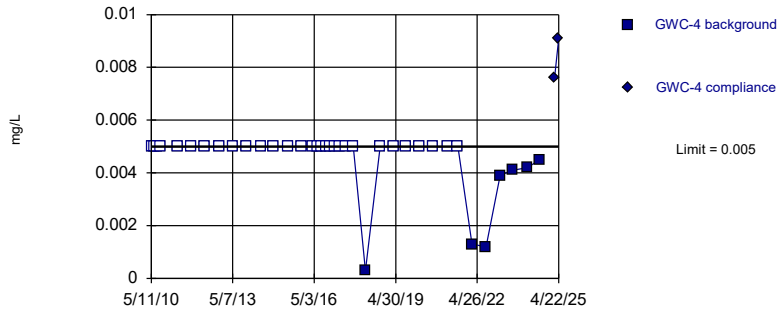
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:37 PM View: Appendix I - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:38 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
8/25/2022		0.054
12/28/2022		0.065
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1
8/7/2024		0.097
2/25/2025		0.15
4/22/2025		0.19 (R)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:38 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021	0.054	
8/11/2021	0.054	
2/15/2022	0.057	
8/25/2022	0.055	
2/27/2023	0.052	
8/8/2023	0.046	
2/29/2024	0.06	
8/7/2024	0.047	
2/24/2025		0.07
4/22/2025		0.065 (R)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:38 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	0.00029 (J)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023	0.0039 (J)	
8/8/2023	0.0041 (J)	
2/29/2024	0.0042 (J)	
8/7/2024	0.0045 (J)	
2/25/2025		0.0076
4/22/2025		0.0091 (R)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE M.

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:29 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**4/22/2025**	**60**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**4/22/2025**	**20**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**4/22/2025**	**45**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**4/23/2025**	**18**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**4/22/2025**	**180**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**4/22/2025**	**38**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**4/22/2025**	**470**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:29 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**4/22/2025**	**60**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-6	21.45	n/a	4/22/2025	21	No	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**4/22/2025**	**20**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**4/22/2025**	**45**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-3	6.271	5.576	4/23/2025	5.88	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	4/22/2025	6.18	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	4/22/2025	6.23	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	4/22/2025	6.56	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-19	6.79	5.87	4/22/2025	6.21	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**4/23/2025**	**18**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**4/22/2025**	**180**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**4/22/2025**	**38**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**4/22/2025**	**470**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

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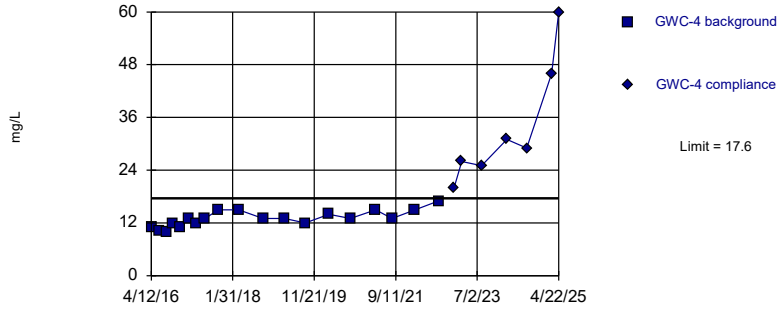
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=13, Std. Dev.=1.856, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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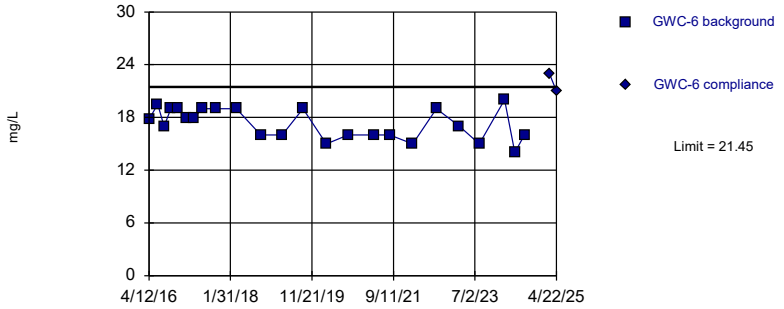
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.3, Std. Dev.=1.753, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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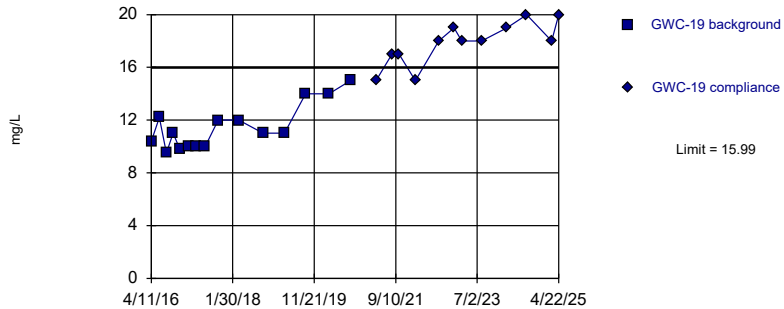
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.884, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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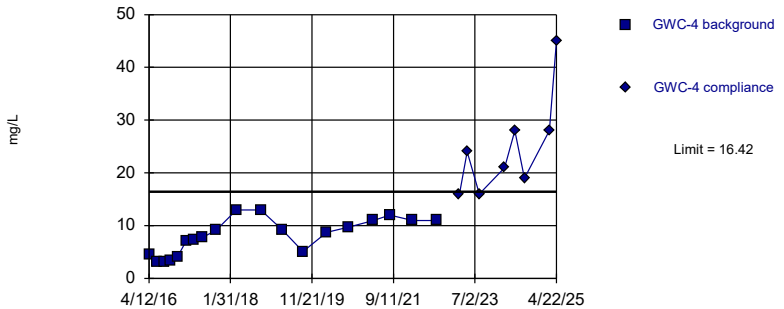
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.083, Std. Dev.=3.363, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9273, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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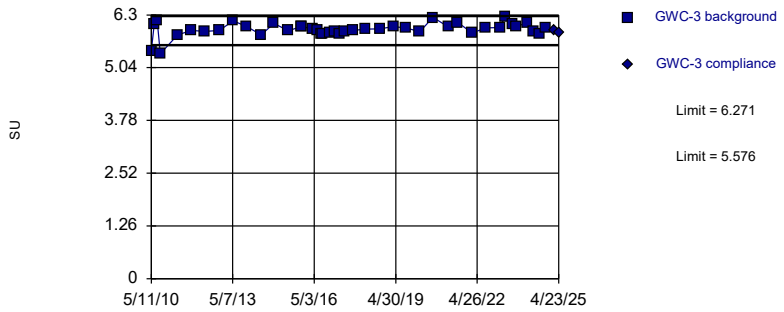
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=7542, Std. Dev.=976.1, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.922. Kappa = 2.206 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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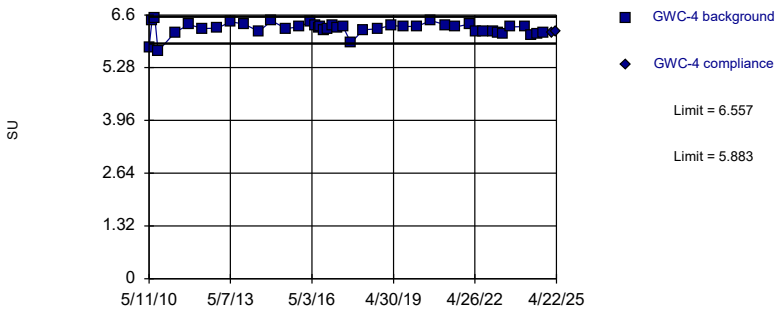
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=60468, Std. Dev.=8638, n=43. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.923. Kappa = 2.201 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

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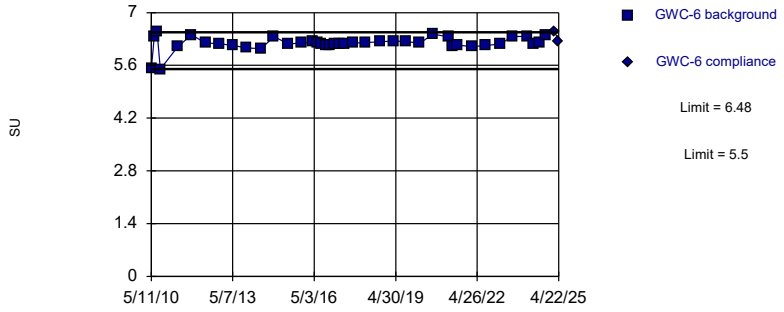
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 40 background values. Well-constituent pair annual alpha = 0.004632. Individual comparison alpha = 0.002317 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

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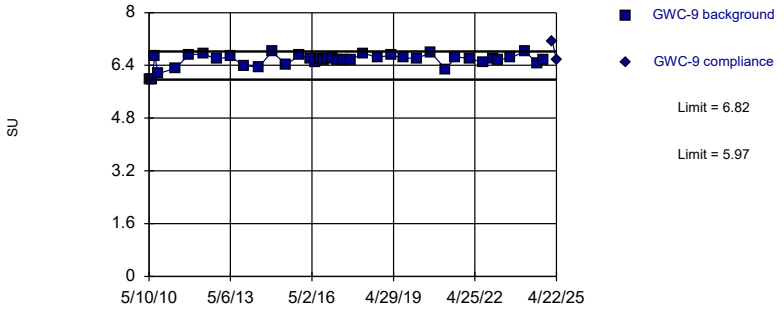
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

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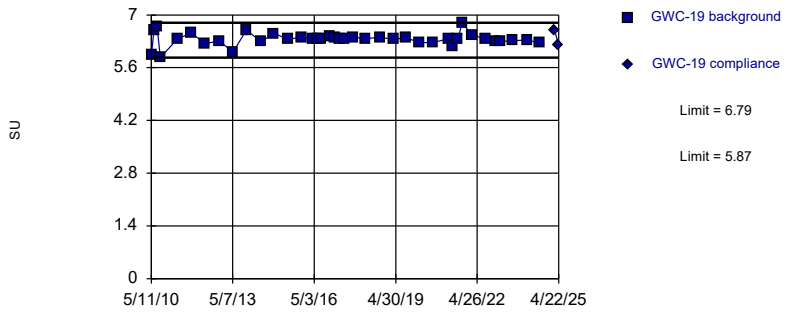
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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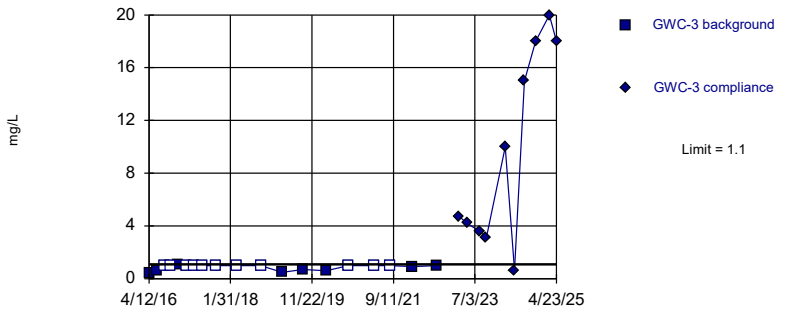
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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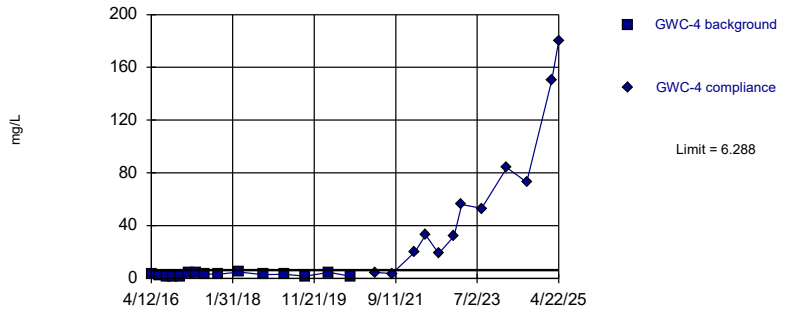
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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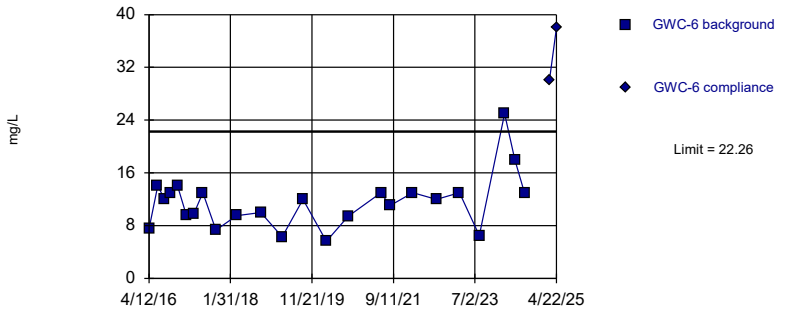
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.352, Std. Dev.=0.5775, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9279, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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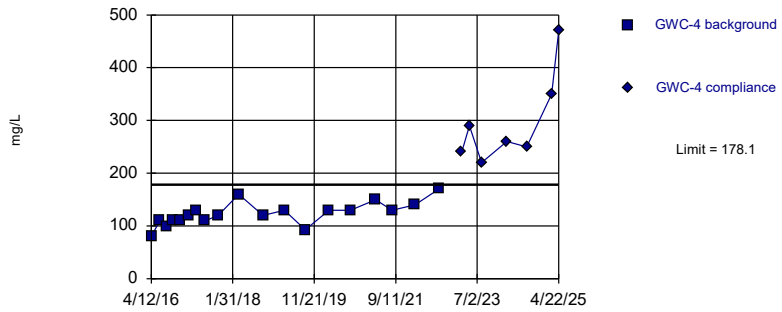
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=123.4, Std. Dev.=22.1, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9712, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20
2/27/2023		26
8/8/2023		25
2/29/2024		31
8/7/2024		29
2/25/2025		46
4/22/2025		60 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023	17	
8/8/2023	15	
2/29/2024	20	
5/20/2024	14	
8/7/2024	16	
2/24/2025		23
4/22/2025		21 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
8/11/2021		17
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19
2/28/2023		18
8/8/2023		18
2/29/2024		19
8/6/2024		20
2/25/2025		18
4/22/2025		20 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28
8/7/2024		19
2/25/2025		28
4/22/2025		45 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	5.45	
6/17/2010	6.08	
7/28/2010	6.18	
9/7/2010	5.37	
4/29/2011	5.82	
10/28/2011	5.93	
5/3/2012	5.91	
11/9/2012	5.93	
5/10/2013	6.16	
11/6/2013	6.03	
5/22/2014	5.825 (D)	
11/9/2014	6.1	
5/22/2015	5.92	
11/10/2015	6.02	
11/16/2015	6.02	
4/12/2016	5.97	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
9/10/2019	5.99	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023	6	
5/2/2023	6.27	
8/9/2023	6.07	
10/4/2023	6.03	
3/4/2024	6.11	
5/20/2024	5.9	
8/7/2024	5.84	
11/7/2024	6	
2/25/2025		5.93
4/23/2025		5.88 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	5.79	
6/17/2010	6.45	
7/28/2010	6.53	
9/8/2010	5.69	
4/28/2011	6.17	
10/29/2011	6.36	
5/3/2012	6.26	
11/10/2012	6.27	
5/10/2013	6.43	
11/6/2013	6.37	
5/22/2014	6.19 (D)	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44	
6/20/2016	6.33	
8/12/2016	6.29	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
9/10/2019	6.31	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19	
8/25/2022	6.19	
12/28/2022	6.2	
2/27/2023	6.17	
5/2/2023	6.13	
8/8/2023	6.3	
2/29/2024	6.31	
5/20/2024	6.08	
8/7/2024	6.12	
11/6/2024	6.15	
2/25/2025		6.17
4/22/2025		6.18 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	5.52	
6/18/2010	6.35	
7/27/2010	6.48	
9/9/2010	5.5	
4/30/2011	6.09	
10/29/2011	6.41	
5/4/2012	6.2	
11/10/2012	6.17	
5/9/2013	6.13	
11/7/2013	6.06	
5/21/2014	6.045 (D)	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
9/11/2019	6.23	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023	6.16	
8/8/2023	6.37	
2/29/2024	6.37	
5/20/2024	6.16	
8/7/2024	6.19	
11/6/2024	6.4	
2/24/2025		6.5
4/22/2025		6.23 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	5.99	
6/16/2010	5.97	
7/27/2010	6.69	
9/8/2010	6.15	
4/29/2011	6.31	
10/27/2011	6.72	
5/3/2012	6.74	
11/11/2012	6.59	
5/9/2013	6.67	
11/6/2013	6.38	
5/21/2014	6.355 (D)	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
9/11/2019	6.63	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62	
2/27/2023	6.57	
8/8/2023	6.63	
3/1/2024	6.82	
8/6/2024	6.47	
11/6/2024	6.58	
2/24/2025		7.14
4/22/2025		6.56 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	5.93	
6/16/2010	6.58	
7/27/2010	6.69	
9/7/2010	5.87	
4/29/2011	6.37	
10/28/2011	6.52	
5/2/2012	6.24	
11/9/2012	6.31	
5/9/2013	6.01	
11/6/2013	6.6	
5/22/2014	6.295 (D)	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
9/12/2019	6.39	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
10/7/2021	6.79	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29	
2/28/2023	6.29	
8/8/2023	6.32	
2/29/2024	6.33	
8/6/2024	6.26	
2/25/2025		6.59
4/22/2025		6.21 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.419 (J)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1
3/4/2024		10
5/20/2024		0.64 (J)
8/7/2024		15
11/7/2024		18
2/25/2025		20
4/23/2025		18 (R)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33
8/25/2022		19
12/28/2022		32
2/27/2023		56
8/8/2023		53
2/29/2024		84
8/7/2024		73
2/25/2025		150
4/22/2025		180 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023	13	
8/8/2023	6.5	
2/29/2024	25	
5/20/2024	18	
8/7/2024	13	
2/24/2025		30
4/22/2025		38 (R)

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260
8/7/2024		250
2/25/2025		350
4/22/2025		470 (R)

FIGURE N.

Appendix I Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:40 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

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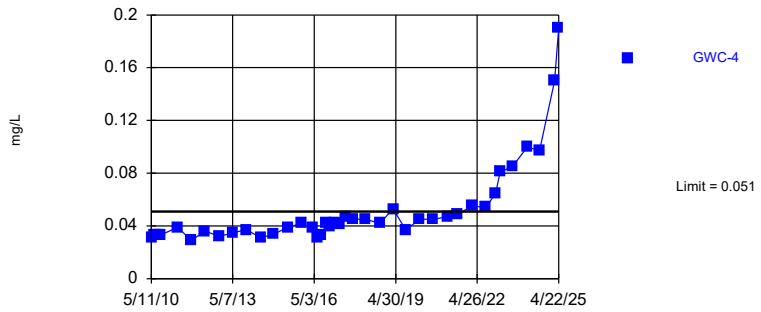
Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 114 background values. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Assumes 16 future values.

Constituent: Barium Analysis Run 6/18/2025 4:39 PM View: Appendix I Interwell - Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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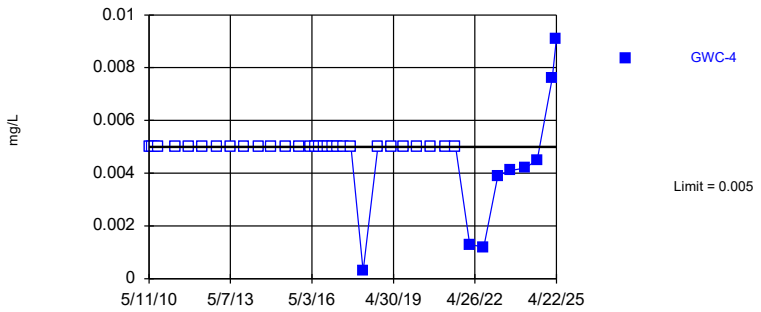
Hollow symbols indicate censored values.

Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 94.74% NDs. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Assumes 16 future values.

Constituent: Selenium Analysis Run 6/18/2025 4:39 PM View: Appendix I Interwell - Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:40 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	0.048 (J)			
5/9/2010		0.031 (J)	0.01 (J)	
5/11/2010				0.031 (J)
6/16/2010	0.044 (J)	0.029 (J)		
6/17/2010				0.033 (J)
6/18/2010			0.01 (J)	
7/26/2010	0.042 (J)			
7/27/2010		0.029 (J)		
7/28/2010			0.011 (J)	0.033 (J)
9/7/2010	0.04 (J)	0.028 (J)		
9/8/2010				0.033 (J)
9/9/2010			0.011 (J)	
4/28/2011				0.039 (J)
4/29/2011	0.038 (J)	0.026 (J)		
4/30/2011			0.0091 (J)	
10/28/2011	0.034	0.025	0.0096 (J)	
10/29/2011				0.029
5/2/2012	0.03	0.025	0.012	
5/3/2012				0.036
11/9/2012	0.039	0.028	0.012	
11/10/2012				0.032
5/8/2013	0.034	0.029	0.01	
5/10/2013				0.035
11/5/2013			0.0098 (J)	
11/6/2013	0.032	0.026		0.037
5/20/2014	0.03	0.025	0.0081 (J)	
5/22/2014				0.031
11/8/2014	0.031	0.026		
11/9/2014				0.034
11/12/2014			0.0098 (J)	
5/22/2015	0.033	0.026	0.0088 (J)	0.039
11/9/2015	0.034	0.024		
11/11/2015			0.011	0.042
4/6/2016	0.0347	0.026	0.00959 (J)	
4/12/2016				0.0386
6/15/2016	0.029	0.023	0.0091 (J)	
6/20/2016				0.031
8/10/2016	0.027	0.022	0.009	
8/12/2016				0.033
10/4/2016		0.024	0.0092	
10/5/2016	0.029			
10/6/2016				0.042
11/29/2016	0.024	0.023		
11/30/2016			0.011	0.04
2/7/2017	0.029	0.024	0.0099	
2/8/2017				0.042
4/4/2017	0.03	0.022	0.0092	
4/6/2017				0.041
6/20/2017	0.036	0.025	0.0099	
6/22/2017				0.047
10/4/2017			0.0098	
10/5/2017	0.027	0.023		

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:40 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				0.045
3/20/2018	0.027	0.023	0.01	
3/21/2018				0.045
10/2/2018	0.027	0.023	0.0099	
10/3/2018				0.042
3/26/2019	0.031	0.024	0.0099	0.053
9/10/2019	0.051	0.039	0.011	0.037
3/18/2020	0.031	0.027	0.01	
3/19/2020				0.045
9/9/2020	0.033	0.024	0.01	
9/10/2020				0.045
4/1/2021	0.029	0.024	0.0092 (J)	
4/2/2021				0.047
8/11/2021	0.029	0.023	0.01	
8/12/2021				0.049
2/15/2022	0.031	0.024	0.012	0.055
8/24/2022	0.031			
8/25/2022		0.025	0.012	0.054
12/28/2022				0.065
2/27/2023				0.081
2/28/2023	0.03	0.025	0.01	
8/3/2023	0.027	0.026	0.01	
8/8/2023				0.085
2/28/2024	0.032	0.03		
2/29/2024				0.1
3/4/2024			0.01	
8/6/2024	0.033	0.031	0.01	
8/7/2024				0.097
2/25/2025		0.028	0.013	0.15
2/26/2025	0.027			
4/22/2025				0.19 (R)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:40 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	<0.005			
5/9/2010		<0.005	<0.005	
5/11/2010				<0.005
6/16/2010	<0.005	<0.005		
6/17/2010				<0.005
6/18/2010			<0.005	
7/26/2010	<0.005			
7/27/2010		<0.005		
7/28/2010			<0.005	<0.005
9/7/2010	<0.005	<0.005		
9/8/2010				<0.005
9/9/2010			<0.005	
4/28/2011				<0.005
4/29/2011	<0.005	<0.005		
4/30/2011			<0.005	
10/28/2011	<0.005	<0.005	<0.005	
10/29/2011				<0.005
5/2/2012	<0.005	<0.005	<0.005	
5/3/2012				<0.005
11/9/2012	<0.005	<0.005	<0.005	
11/10/2012				<0.005
5/8/2013	0.0044 (J)	<0.005	<0.005	
5/10/2013				<0.005
11/5/2013			<0.005	
11/6/2013	<0.005	<0.005		<0.005
5/20/2014	<0.005	<0.005	<0.005	
5/22/2014				<0.005
11/8/2014	<0.005	<0.005		
11/9/2014				<0.005
11/12/2014			<0.005	
5/22/2015	<0.005	<0.005	<0.005	<0.005
11/9/2015	<0.005	0.0043 (J)		
11/11/2015			<0.005	<0.005
4/6/2016	<0.005	<0.005	<0.005	
4/12/2016				<0.005
6/15/2016	<0.005	<0.005	<0.005	
6/20/2016				<0.005
8/10/2016	<0.005	<0.005	<0.005	
8/12/2016				<0.005
10/4/2016		<0.005	<0.005	
10/5/2016	<0.005			
10/6/2016				<0.005
11/29/2016	<0.005	0.00024 (J)		
11/30/2016			<0.005	<0.005
2/7/2017	<0.005	<0.005	<0.005	
2/8/2017				<0.005
4/4/2017	<0.005	0.0017	0.00067 (J)	
4/6/2017				<0.005
6/20/2017	<0.005	<0.005	<0.005	
6/22/2017				<0.005
10/4/2017			<0.005	
10/5/2017	0.00027 (J)	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:40 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				<0.005
3/20/2018	<0.005	<0.005	<0.005	
3/21/2018				0.00029 (J)
10/2/2018	<0.005	<0.005	<0.005	
10/3/2018				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	
3/19/2020				<0.005
9/9/2020	<0.005	<0.005	<0.005	
9/10/2020				<0.005
4/1/2021	<0.005	<0.005	<0.005	
4/2/2021				<0.005
8/11/2021	<0.005	<0.005	<0.005	
8/12/2021				<0.005
2/15/2022	<0.005	<0.005	<0.005	0.0013 (J)
8/24/2022	<0.005			
8/25/2022		<0.005	<0.005	0.0012 (J)
2/27/2023				0.0039 (J)
2/28/2023	<0.005	<0.005	<0.005	
8/3/2023	<0.005	<0.005	<0.005	
8/8/2023				0.0041 (J)
2/28/2024	<0.005	<0.005		
2/29/2024				0.0042 (J)
3/4/2024			<0.005	
8/6/2024	<0.005	<0.005	<0.005	
8/7/2024				0.0045 (J)
2/25/2025		<0.005	<0.005	0.0076
2/26/2025	<0.005			
4/22/2025				0.0091 (R)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE O.

Appendix III Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:32 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**4/22/2025**	**60**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**4/22/2025**	**20**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**4/22/2025**	**45**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**4/23/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**4/22/2025**	**180**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-6**	**3.6**	**n/a**	**4/22/2025**	**38**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	**GWC-4**	**136.9**	**n/a**	**4/22/2025**	**470**	**Yes**	**72**	**71.76**	**30.7**	**2.778**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

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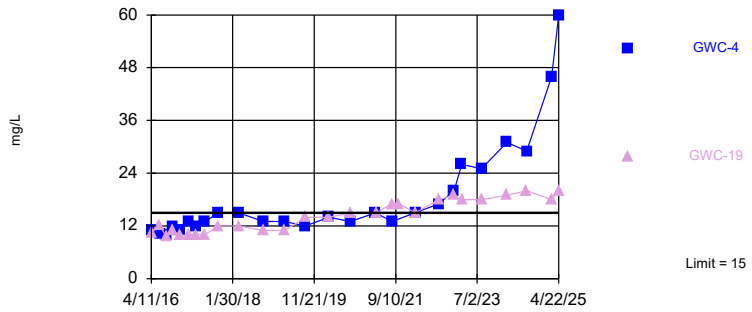
Exceeds Limit: GWC-4, GWC-19

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Calcium Analysis Run 6/19/2025 9:31 AM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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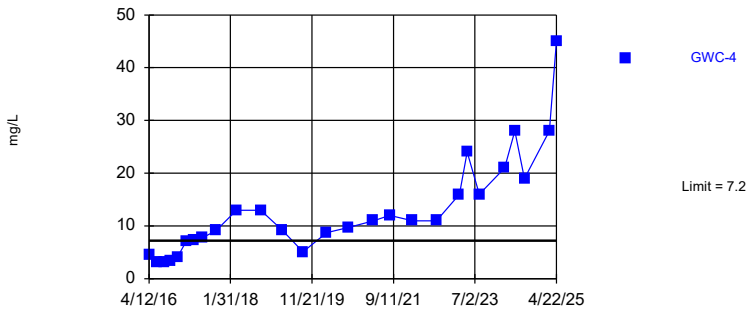
Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

Constituent: Chloride Analysis Run 6/19/2025 9:31 AM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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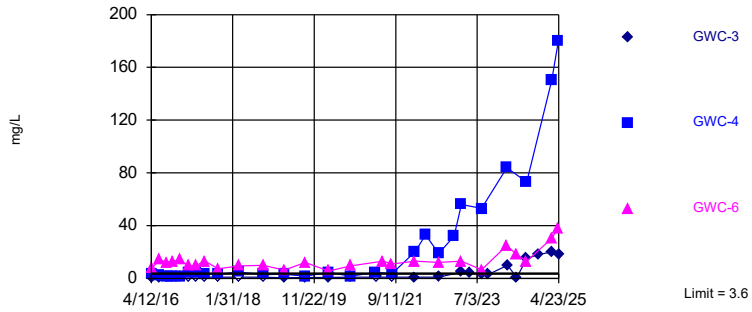
Hollow symbols indicate censored values.

Exceeds Limit: GWC-3, GWC-4, GWC-6

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 63.89% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

Constituent: Sulfate Analysis Run 6/19/2025 9:31 AM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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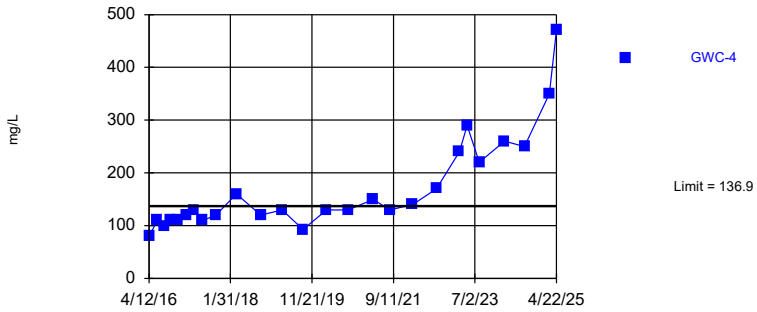
Exceeds Limit: GWC-4

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=71.76, Std. Dev.=30.7, n=72, 2.778% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.982, critical = 0.954. Kappa = 2.123 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: TDS Analysis Run 6/19/2025 9:31 AM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4
4/6/2016	3.62	6.58	12.1		
4/11/2016				10.4	
4/12/2016					11
6/15/2016	4.5	6.9	11.8		
6/16/2016				12.2	
6/20/2016					10.1
8/10/2016	3.8	5.5	10		
8/11/2016				9.5	
8/12/2016					9.9
10/4/2016	5.3		14		
10/5/2016		6.8		11	
10/6/2016					12
11/29/2016		4.8	10	9.8	
11/30/2016	4.7				11
2/7/2017	3.8	7.8	12		
2/8/2017				10	13
4/4/2017	3.8	6.4	11		
4/5/2017				10	
4/6/2017					12
6/20/2017	4.1	7	11		
6/21/2017				10	
6/22/2017					13
10/4/2017	4.6				
10/5/2017		6.6	13	12	
10/6/2017					15
3/20/2018	4.2	6.6	12	12	
3/21/2018					15
10/2/2018	4.2	5.8	11	11	
10/3/2018					13
3/26/2019	4	6.7	11	11	13
9/10/2019	4.8	7.5	12		12
9/12/2019				14	
3/18/2020	3.8	7.3	12		
3/19/2020				14	14
9/9/2020	4	7.3	11	15	
9/10/2020					13
4/1/2021	4	7.8	12		
4/2/2021					15
4/5/2021				15	
8/11/2021	4.1	7.3	11	17	
8/12/2021					13
10/7/2021				17	
2/15/2022	3.6	7.1	10		15
2/16/2022				15	
8/24/2022		8.9			
8/25/2022	4.9		13	18	17
12/28/2022				19	20
2/27/2023					26
2/28/2023	4.1	8.7	13	18	
8/3/2023	4.7	8.3	13		
8/8/2023				18	25
2/28/2024		9	15		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4
2/29/2024				19	31
3/4/2024	3.8				
8/6/2024	4.2	9	15	20	
8/7/2024					29
2/25/2025	4.1		13	18	46
2/26/2025		7.4			
4/22/2025				20 (R)	60 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4
4/6/2016	5.342	1.69	1.789	
4/12/2016				4.57
6/15/2016	5.2	1.9	2.1	
6/20/2016				3.1
8/10/2016	5.5	1.7	1.8	
8/16/2016				3.2
10/4/2016	5.4		1.7	
10/5/2016		1.6		
10/6/2016				3.4
11/29/2016		1.7	1.7	
11/30/2016	5.4			4.1
2/7/2017	5.1	1.6	1.6	
2/8/2017				7.2
4/4/2017	5.1	1.5	1.6	
4/6/2017				7.4
6/20/2017	5.2	1.5	1.6	
6/22/2017				7.8
10/4/2017	5.2			
10/5/2017		1.5	1.5	
10/6/2017				9.1
3/20/2018	5.6	1.4	1.5	
3/21/2018				13
10/2/2018	6.3	1.5	1.6	
10/3/2018				13
3/26/2019	5.5	1.3	1.5	9.2
9/10/2019	5.2	1.3	1.4	5.1
3/18/2020	5.4	2	1.7	
3/19/2020				8.7
9/9/2020	6.1	1.3	1.6	
9/10/2020				9.7
4/1/2021	7	1.5	1.8	
4/2/2021				11
8/11/2021	7.2	1.4	1.8	
8/12/2021				12
2/15/2022	6.5	1.4	1.6	11
8/24/2022		1.4		
8/25/2022	6.9		1.6	11
2/27/2023				16
2/28/2023	6.3	1.4	1.7	
5/2/2023				24
8/3/2023	6.3	1.3	1.6	
8/8/2023				16
2/28/2024		1.4	1.6	
2/29/2024				21
3/4/2024	5.6			
5/20/2024				28
8/6/2024	6	1.4	1.7	
8/7/2024				19
2/25/2025	5.7		1.6	28
2/26/2025		1.5		
4/22/2025				45 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-3	GWC-6	GWC-4
4/6/2016	0.799 (J)	<1	<1			
4/12/2016				0.419 (J)	7.55	3.56
6/15/2016	0.32 (J)	0.22 (J)	0.18 (J)			
6/20/2016				0.6 (J)	14	2.4
8/10/2016	<1	<1	<1			
8/16/2016				<1	12	1.7
10/4/2016	<1	<1				
10/5/2016			<1	<1		
10/6/2016					13	1.2
11/29/2016		<1	<1			
11/30/2016	<1			1.1	14	1.2
2/7/2017	0.8 (J)	<1	<1			
2/8/2017				<1		4.6
2/9/2017					9.5	
4/4/2017	<1	<1	<1			
4/6/2017				<1	9.7	4.1
6/20/2017	<1	<1	<1			
6/21/2017				<1	13	
6/22/2017						3.4
10/4/2017	<1					
10/5/2017		<1	<1	<1		
10/6/2017					7.3	3
3/20/2018	1.2	<1	<1			
3/21/2018				<1	9.5	4.9
10/2/2018	<1	<1	<1			
10/3/2018				<1	10	2.9
3/26/2019	2.1	<1	0.58 (J)	0.47 (J)	6.3	3.2
9/10/2019	0.65 (J)	<1	0.44 (J)	0.7 (J)		1.7
9/11/2019					12	
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.6 (J)	5.6	
3/19/2020						4.6
9/9/2020	1.6	<1	<1			
9/10/2020				<1	9.4	1.6
4/1/2021	2.7	<1	<1			
4/2/2021						4.6
4/6/2021				<1		
6/2/2021					13	
8/11/2021	1.3	<1	<1		11	
8/12/2021				<1		3.5
2/15/2022	2.6	<1	<1	0.91 (J)	13	20
5/12/2022						33
8/24/2022			<1			
8/25/2022	1.9	<1		0.99 (J)	12	19
12/28/2022						32
2/27/2023					13	56
2/28/2023	3.5	1.4	1.3	4.7		
5/2/2023				4.2		
8/3/2023	1.7	0.4 (J)	<1			
8/8/2023					6.5	53
8/9/2023				3.6		
10/4/2023				3.1		
2/28/2024		<1	<1			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-3	GWC-6	GWC-4
2/29/2024					25	84
3/4/2024	2.8			10		
5/20/2024				0.64 (J)	18	
8/6/2024	1.3	<1	<1			
8/7/2024				15	13	73
11/7/2024				18		
2/24/2025					30	
2/25/2025	3.6	<1		20		150
2/26/2025			<1			
4/22/2025					38 (R)	180 (R)
4/23/2025				18 (R)		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-4
4/6/2016	38	84	61	
4/12/2016				80
6/15/2016	<10	139	113	
6/20/2016				111
8/10/2016	56	80	74	
8/16/2016				100
10/4/2016	48	62		
10/5/2016			44	
10/6/2016				110
11/29/2016		110	58	
11/30/2016	46			110
2/7/2017	18	70	4 (J)	
2/8/2017				120
4/4/2017	32	120	78	
4/6/2017				130
6/20/2017	38	76	50	
6/22/2017				110
10/4/2017	42			
10/5/2017		110	64	
10/6/2017				120
3/20/2018	20	110	90	
3/21/2018				160
10/2/2018	48	110	90	
10/3/2018				120
3/26/2019	45	100	82	130
9/10/2019	42	75	51	93
3/18/2020	43	93	75	
3/19/2020				130
9/9/2020	<10	66	64	
9/10/2020				130
4/1/2021	55	100	68	
4/2/2021				150
8/11/2021	55	100	94	
8/12/2021				130
2/15/2022	42	99	79	140
8/24/2022			110	
8/25/2022	86	130		170
2/27/2023				240
2/28/2023	50	110	94	
5/2/2023				290
8/3/2023	53	110	85	
8/8/2023				220
2/28/2024		100	85	
2/29/2024				260
3/4/2024	41			
8/6/2024	53	110	86	
8/7/2024				250
2/25/2025	52	110		350
2/26/2025			81	
4/22/2025				470 (R)

ND substitution: RL or RL/2 if <15% NDs.

GROUNDWATER STATS CONSULTING

August 29, 2025

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer PAC Landfill
Background Update & Statistical Analysis – February 2025

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update and groundwater statistical analysis for the 2025 1st Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer PAC Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, and GWA-49
- **Downgradient wells:** GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance. In 2024, Georgia Power Company completed a data audit and migration of all CCR related groundwater data to the EarthSoft EQuIS Database Management Program (EQuIS). Data were then exported from EQuIS to Groundwater Stats Consulting (GSC) for use in completing this statistical analysis. Georgia Power Company contracted an independent third-party consultant, Environmental Resources Management (ERM), to support the data audit and migration to EQuIS. Based on the results of the audit and statistical analysis results from GSC, EQuIS will now be used by Georgia Power Company and its third-party geologists and engineers for management of data imported by independent third-party laboratories and data exported by Georgia Power Company and its Consultants. The data will be used in preparation of report submittals, modeling, strategic planning, and other purposes appropriate and consistent with EQuIS's data management and reporting tools and capabilities.

Resamples were collected in November 2022 for TDS at wells GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53 due to the August 2022 samples and October 2022 resamples being out of holding times. Per request of WSP, the samples that exceeded hold times for TDS are not included in the Sanitas database. Resamples were also collected for pH at these wells in October and November 2022 and all pH samples were retained in the database.

The following constituents were evaluated:

- **CCR Appendix III -** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I -** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the cases of cobalt, fluoride, and zinc, the current reporting limits of 0.0025 mg/L, 0.1 mg/L, and 0.005 mg/L were substituted for all wells to maintain statistical limits that are conservative from a regulatory perspective.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the background update discussed below to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 15 (silver was 100% non-detects in all downgradient wells)
- # Downgradient wells: 5

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 5

Statistical analyses are not required when 100% non-detects are present in downgradient wells for a given constituent; therefore, no prediction limits were required for silver. A summary of all Appendix I well/constituent pairs with 100% non-detects follows this letter.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of current groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells.

Intrawell methods use background data for individual wells and may be overly sensitive to spatial variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts.

A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United State Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant

increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical background data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient background water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening Georgia EPD Appendix I - Conducted in August 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trends

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing and decreasing trends; however, the majority of these were relatively low in magnitude when compared to average concentrations and, therefore, required no adjustments. It was noted that several of the upgradient wells had higher reported measurements in the earliest part of the records for some of the metals. These values were not deselected at this time since the measurements serve as reference data upgradient of the facility. If similar measurements are observed at a later time in one or more downgradient wells, the earlier upgradient data may indicate that the change is occurring rather than a result of practices at the facility. While there was an overall increasing trend in concentrations for cobalt at well GWC-53, data are highly variable and similar to concentrations that have historically been reported in upgradient well GWA-45. Therefore, no adjustment was made to this record at that time.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach.

Generally, constituents without significant differences, based on ANOVA across upgradient wells, may be considered for interwell analysis. However, the Scherer PAC Landfill is lined, and pre-waste data are available that show metals were present in low level detections during the collection of background data. Furthermore, for some constituents, the reported concentrations are higher in upgradient wells than in downgradient wells. This would result in interwell limits that would not readily detect changes in the downgradient wells with lower concentrations. Therefore, intrawell prediction limits are recommended as the most appropriate statistical analysis for all of the Georgia EPD constituents at this landfill.

Summary of Background Updates – Georgia EPD Appendix I and CCR Appendix III

June 2021 & May 2023

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020. All of the more recent compliance measurements appeared stable compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for lead (0.0034 mg/L) in well GWC-52 in order to maintain conservative (i.e., lower) statistical limits, along with a historic high value for vanadium in upgradient well GWA-47 (0.041 mg/L). Due to an increasing trend for barium at upgradient well GWA-45, observations between September 2019 and April 2021 were also flagged. A summary of all flagged outliers follows this letter. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data to the new compliance samples at each well. When no variation is present between historical data and compliance samples,

the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was included in the background update report. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. Note that historical data prior to 2016 for lead were truncated at all wells so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective during the June 2021 background update. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods were re-evaluated during the next background update.

April 2025

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test was used to evaluate data for suspected outliers in upgradient and downgradient wells through August/November 2024. Previously flagged values were confirmed either by Tukey's test or visual screening except for chromium at GWA-45 and vanadium at upgradient wells GWA-21, GWA-22, GWA-45, and GWA-48 since the concentrations were not identified by Tukey's and were similar to remaining values within the respective records. Additionally, as a result of the data received from the EQUIS database, some of the reported measurements at downgradient well GWC-53 for pH and vanadium were different from those historically used in the Sanitas database; therefore, these values are no longer flagged as outliers. Values identified by Tukey's test and flagged during this analysis include the highest values for calcium at downgradient well GWC-50, chloride at downgradient wells GWC-50 and GWC-53, cobalt at upgradient well GWA-45, sulfate at downgradient well GWC-53, and TDS at downgradient well GWC-50. Although not identified by Tukey's outlier test, the highest observations in each respective record for boron, sulfate, and zinc at well GWC-50, and chloride and sulfate at well GWA-45 were flagged in order to reduce variation and construct statistical limits that are capable of readily detecting changes in groundwater quality.

Any values identified by Tukey's test but not flagged appeared representative of spatial variation or would not result in substantial changes to resulting statistical limits, and these observations will continue to be monitored. The observations flagged with an "O" flag are included in the Outlier Summary (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2022 to the new compliance samples at each well through August/November 2024 (Figure D). When no variation is present between historical data and compliance samples, the Mann-Whitney test is not used. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Arsenic: GWA-46 and GWA-47 (both upgradient)
- Barium: GWC-29 and GWC-52
- Calcium GWA-47 (upgradient), GWC-29, GWC-51, and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52
- Nickel: GWC-50
- pH: GWC-29
- Sulfate: GWC-51, GWC-52, and GWC-53
- TDS: GWC-52

Decrease:

- Arsenic: GWA-22 (upgradient) and GWC-52
- Calcium: GWA-45 (upgradient)
- Chloride: GWA-22 (upgradient)
- Chromium: GWA-45 (upgradient)
- Nickel: GWC-29
- Sulfate: GWC-29

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the records below were not updated with data through August 2024 due to a continuous increase in concentrations among more recent observations. This step results in statistical limits that are capable of readily detecting changes in groundwater quality and the records are as follows:

- Barium: GWC-52
- Calcium: GWC-52
- Chromium: GWC-52
- Sulfate: GWC-52

The remaining records with statistically significant increases were updated through August/November 2024 and are listed below. For upgradient wells, the increasing concentrations are assumed to result from spatial variation and to represent unimpacted background conditions. The increases in downgradient wells appear to be similar to historic concentrations in the same well or resemble concentrations in at least one upgradient well and would have little to no impact on resulting statistical limits:

- Arsenic: GWA-46 and GWA-47 (both upgradient)
- Barium: GWC-29
- Calcium GWA-47 (upgradient), GWC-29, and GWC-51
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52
- Nickel: GWC-50
- pH: GWC-29
- Sulfate: GWC-51 and GWC-53
- TDS: GWC-52

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data as observations were either reported non-detects and trace values (i.e., at or below the reporting limit) or were within the range of historic concentrations.

Note that concentrations early in the record for calcium at well GWC-29 and TDS at well GWC-52 were truncated so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Statistical Analysis of Georgia EPD Appendix I Constituents – February 2025

Intrawell limits were constructed for all Georgia EPD Appendix I constituents. In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent, the current assumption is that the higher downgradient concentrations are due to spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic.

Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through August/November 2024 within each well for constituents with detections (Figure E). As mentioned above, the Date Range summary provides the period of record used for well/constituent pairs where records have been truncated, the February 2025 compliance samples were compared to these intrawell background limits. As previously discussed, no statistical analyses were included for silver since all records contain 100% non-detects in downgradient wells, or for other individual well/constituent pairs containing 100% non-detects.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary table of the background intrawell prediction limits and exceedances follows this letter, along with the complete graphical results. Statistical exceedances were noted for the following well/constituent pairs:

- Barium: GWC-52
- Chromium: GWC-51 and GWC-52
- Vanadium: GWA-45, GWA-46, GWA-49 (all three upgradient), GWC-50, GWC-51, and GWC-52

Two-Step Analysis

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through February 2025 to evaluate the initial intrawell prediction limit exceedances listed above in downgradient wells (Figure F). No exceedances were identified.

Trend Tests

When initial prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure G). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. Trends in upgradient trends are an indication

of variability in groundwater unrelated to practices at the site. Both a summary and complete graphical results of the trend tests follow this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWA-45, GWA-46 (both upgradient), and GWC-52
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52

Decreasing:

- Barium: GWA-22 (upgradient)

Note that the cause of the trends for barium and chromium at well GWC-52 is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect spatial variation, the earlier portion of the record may require deselection so that resulting limits are reflective of current water quality conditions.

Statistical Analysis of Appendix III Parameters – February 2025

Intrawell prediction limits for all Appendix III parameters, combined with a 1-of-2 resample plan, were constructed using all historical data through August/November 2024 (Figure H). The February 2025 compliance data were compared to those limits.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well.

Prediction Limits

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. A summary table of the Appendix III prediction limits follows this letter, along with complete graphical results. The following prediction limit exceedances were noted for Appendix III parameters:

- Calcium: GWC-52

- Chloride: GWA-48 (upgradient), GWC-51, and GWC-52
- pH (upper limit): GWA-21, GWA-22, GWA-45 (all three upgradient), GWC-29, GWC-51, and GWC-52
- Sulfate: GWC-51, GWC-52, and GWC-53

Two-Step Analysis

Following the two-step analysis procedure as mentioned above, interwell prediction limits were then constructed using pooled upgradient well data through August 2024 to evaluate the apparent initial intrawell prediction limit exceedances listed above at downgradient wells (Figure I). An exceedance was identified for the following well/constituent pair:

- Sulfate: GWC-53

It was noted that upgradient well GWA-45, which is included in the interwell background and represents groundwater quality upgradient of the site, has higher concentrations than neighboring upgradient wells for several of the Appendix III constituents. Therefore, the interwell comparisons for downgradient wells with reported lower concentration levels need to be interpreted cautiously and are further evaluated through trend analysis as described below.

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents (Figure J). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of variability in groundwater unrelated to practices at the site. A summary and complete the trend test results follow this letter. The following statistically significant trends were identified:

Increasing:

- Calcium: GWA-46, GWA-47 (both upgradient), and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), and GWC-51
- pH: GWA-46, GWA-47, GWA-49 (all three upgradient), and GWC-29
- Sulfate: GWA-45 (upgradient), GWC-51, GWC-52, and GWC-53

Decreasing:

- Calcium: GWA-21 and GWA-45 (both upgradient)
- Chloride: GWA-22 (upgradient)

Note that the cause of the trends for calcium and sulfate at well GWC-52 is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect spatial variation, the earlier portion of the record may require deselection so that resulting limits are reflective of current water quality conditions.

Summary

Observations from the February 2025 sample event at Scherer PAC were compared to established intrawell prediction limits for all Appendix I and III constituents. For parameters using intrawell prediction limits, the two-step approach followed by trend testing was used to evaluate apparent exceedances. Based on the results of the two-step approach for the February 2025 observations, an exceedance was identified for the following well/constituent pair:

- Sulfate: GWC-53

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer PAC Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Abdul Diane
Groundwater Analyst

Andrew T. Collins
Project Manager

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Summary Tables

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100% Non-Detects: Appendix I

Analysis Run 4/25/2025 11:52 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Antimony (mg/L)
GWA-22, GWA-45, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Arsenic (mg/L)
GWA-21, GWC-51

Beryllium (mg/L)
GWA-21, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Cadmium (mg/L)
GWA-21, GWA-22, GWA-45, GWA-46, GWA-48, GWA-49, GWC-29, GWC-51

Copper (mg/L)
GWA-46, GWC-29, GWC-52, GWC-53

Nickel (mg/L)
GWC-52

Selenium (mg/L)
GWA-21, GWA-46, GWC-51

Silver (mg/L)
GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, GWC-53

Thallium (mg/L)
GWA-46, GWA-47, GWA-49, GWC-29, GWC-52, GWC-53

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Date Ranges

Date: 4/24/2025 10:43 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Barium (mg/L)
- GWC-52 background:5/1/2012-8/31/2022
- GWC-53 background:3/26/2018-8/31/2022

Boron (mg/L)
- GWA-45 background:3/22/2018-8/8/2024

Calcium (mg/L)
- GWC-29 background:10/4/2018-8/8/2024
- GWC-52 background:4/11/2016-8/31/2022

Chromium (mg/L)
- GWC-52 background:12/21/2010-10/4/2018

Lead (mg/L)
- background:4/6/2016-8/9/2024

Sulfate (mg/L)
- GWC-52 background:4/11/2016-10/4/2018

TDS (mg/L)
- GWC-52 background:10/4/2018-8/8/2024

Welch's t-test/Mann-Whitney - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Arsenic (mg/L)	**GWA-22 (bg)**	**-2.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-46 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-47 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWC-52**	**-3.256**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-29**	**2.651**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-52**	**3.144**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-45 (bg)**	**-2.966**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-47 (bg)**	**3.097**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-29**	**3.048**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-51**	**2.933**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-52**	**3.054**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-22 (bg)**	**-2.695**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-45 (bg)**	**2.726**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-46 (bg)**	**2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-51**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-53**	**3.395**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-22 (bg)**	**2.72**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-45 (bg)**	**-2.637**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-51**	**2.696**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-52**	**4.821**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-29**	**-2.735**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-50**	**3.341**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	**GWC-29**	**2.763**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-29**	**-2.904**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-51**	**2.885**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-52**	**4.033**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-53**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-52**	**3.175**	**Yes**	**0.01**	**Yes**	**Mann-W**

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-21 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-46 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-47 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-48 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWA-22 (bg)**	**-2.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-45 (bg)	-0.2625	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWA-46 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-47 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-48 (bg)	-1.775	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-49 (bg)	2.155	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-29	1.648	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-50	2.155	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWC-52**	**-3.256**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWC-53	1.155	No	0.01	No	Mann-W
Barium (mg/L)	GWA-21 (bg)	-1.85	No	0.01	No	Mann-W
Barium (mg/L)	GWA-22 (bg)	-2.361	No	0.01	No	Mann-W
Barium (mg/L)	GWA-45 (bg)	2.138	No	0.01	No	Mann-W
Barium (mg/L)	GWA-46 (bg)	2.256	No	0.01	No	Mann-W
Barium (mg/L)	GWA-47 (bg)	0.8851	No	0.01	No	Mann-W
Barium (mg/L)	GWA-48 (bg)	0.4886	No	0.01	No	Mann-W
Barium (mg/L)	GWA-49 (bg)	0.1281	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-29**	**2.651**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-50	2.541	No	0.01	No	Mann-W
Barium (mg/L)	GWC-51	1.912	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-52**	**3.144**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-53	-2.489	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-22 (bg)	0.2652	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Boron (mg/L)	GWA-21 (bg)	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWA-22 (bg)	0.2078	No	0.01	No	Mann-W
Boron (mg/L)	GWA-45 (bg)	1.577	No	0.01	No	Mann-W
Boron (mg/L)	GWA-46 (bg)	-1.385	No	0.01	No	Mann-W
Boron (mg/L)	GWA-47 (bg)	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWA-48 (bg)	0.3068	No	0.01	No	Mann-W
Boron (mg/L)	GWA-49 (bg)	-2.294	No	0.01	No	Mann-W
Boron (mg/L)	GWC-29	-2.286	No	0.01	No	Mann-W
Boron (mg/L)	GWC-51	0.2078	No	0.01	No	Mann-W
Boron (mg/L)	GWC-52	-2.287	No	0.01	No	Mann-W
Boron (mg/L)	GWC-53	0.6606	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-47 (bg)	0.2652	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-50	0.2652	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-52	0.2652	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-21 (bg)	-2.557	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-22 (bg)	2.439	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-45 (bg)**	**-2.966**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-46 (bg)	2.357	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-47 (bg)**	**3.097**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-48 (bg)	0.7817	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-49 (bg)	1.644	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-29**	**3.048**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-50	2.305	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-51**	**2.933**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-52**	**3.054**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-53	1.732	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-21 (bg)	0	No	0.01	No	Mann-W
Chloride (mg/L)	**GWA-22 (bg)**	**-2.695**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-45 (bg)**	**2.726**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-46 (bg)**	**2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWA-47 (bg)	2.099	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-48 (bg)	0.4402	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-49 (bg)	-1.17	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-29	-0.1714	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-50	-2.338	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-51**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-52	-0.8994	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-53**	**3.395**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-21 (bg)	-0.5543	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Chromium (mg/L)	**GWA-22 (bg)**	**2.72**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-45 (bg)**	**-2.637**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-46 (bg)	1.614	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-47 (bg)	1.209	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-48 (bg)	0.3024	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-49 (bg)	0.126	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-29	-1.387	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-50	-1.815	No	0.01	No	Mann-W
Chromium (mg/L)	**GWC-51**	**2.696**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-52**	**4.821**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWC-53	0.0258	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-21 (bg)	0.6147	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-22 (bg)	1.181	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-45 (bg)	-2.49	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-46 (bg)	0.5775	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-47 (bg)	0.4771	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-48 (bg)	0.5872	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-49 (bg)	0.7952	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-29	0.2652	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-50	2.155	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-51	0.6918	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-52	0.2652	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-53	-0.02524	No	0.01	No	Mann-W
Copper (mg/L)	GWA-21 (bg)	-0.07052	No	0.01	No	Mann-W
Copper (mg/L)	GWA-22 (bg)	1.347	No	0.01	No	Mann-W
Copper (mg/L)	GWA-45 (bg)	1.046	No	0.01	No	Mann-W
Copper (mg/L)	GWA-47 (bg)	-1.467	No	0.01	No	Mann-W
Copper (mg/L)	GWA-48 (bg)	-0.7415	No	0.01	No	Mann-W
Copper (mg/L)	GWA-49 (bg)	-1.608	No	0.01	No	Mann-W
Copper (mg/L)	GWC-50	-0.07052	No	0.01	No	Mann-W
Copper (mg/L)	GWC-51	-1.608	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-21 (bg)	0.2628	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-22 (bg)	0.2627	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-45 (bg)	0.2625	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-46 (bg)	0.04981	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-47 (bg)	-0.08962	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-48 (bg)	0.3867	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-49 (bg)	-0.263	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-29	0.04383	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-50	0.2384	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-51	0.7153	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-52	-0.1344	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-53	-0.675	No	0.01	No	Mann-W
Lead (mg/L)	GWA-21 (bg)	-1.907	No	0.01	No	Mann-W
Lead (mg/L)	GWA-22 (bg)	1.662	No	0.01	No	Mann-W
Lead (mg/L)	GWA-45 (bg)	-0.08293	No	0.01	No	Mann-W
Lead (mg/L)	GWA-47 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-48 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-49 (bg)	-2.294	No	0.01	No	Mann-W
Lead (mg/L)	GWC-50	0.5805	No	0.01	No	Mann-W
Lead (mg/L)	GWC-51	0.2078	No	0.01	No	Mann-W
Lead (mg/L)	GWC-53	0.3441	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-21 (bg)	0.7952	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-22 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-45 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-46 (bg)	0.6919	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-47 (bg)	0.7957	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-48 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-49 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-29	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-50	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-51	0.4437	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-52	-1.015	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-53	0.5775	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-21 (bg)	-1.309	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-22 (bg)	-2.51	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-45 (bg)	-1.739	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-46 (bg)	-1.113	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Nickel (mg/L)	GWA-47 (bg)	-1.455	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-48 (bg)	-0.9989	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-49 (bg)	-0.7261	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-29**	**-2.735**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-50**	**3.341**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-51	1.969	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-53	2.039	No	0.01	No	Mann-W
pH, Field (SU)	GWA-21 (bg)	0.04899	No	0.01	No	Mann-W
pH, Field (SU)	GWA-22 (bg)	1.915	No	0.01	No	Mann-W
pH, Field (SU)	GWA-45 (bg)	-1.392	No	0.01	No	Mann-W
pH, Field (SU)	GWA-46 (bg)	1.195	No	0.01	No	Mann-W
pH, Field (SU)	GWA-47 (bg)	0.9232	No	0.01	No	Mann-W
pH, Field (SU)	GWA-48 (bg)	1.025	No	0.01	No	Mann-W
pH, Field (SU)	GWA-49 (bg)	1.422	No	0.01	No	Mann-W
pH, Field (SU)	**GWC-29**	**2.763**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	GWC-50	-0.1466	No	0.01	No	Mann-W
pH, Field (SU)	GWC-51	0.8183	No	0.01	No	Mann-W
pH, Field (SU)	GWC-52	-0.039	No	0.01	No	Mann-W
pH, Field (SU)	GWC-53	1.53	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-22 (bg)	0.5775	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-45 (bg)	-0.6506	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-47 (bg)	0.2694	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-48 (bg)	0.5872	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-49 (bg)	0.6918	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-29	0.4437	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-50	0.4437	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-52	-0.4342	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-53	0.5775	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-21 (bg)	1.91	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-22 (bg)	1.657	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-45 (bg)	1.442	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-46 (bg)	-0.04478	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-47 (bg)	0.7153	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-48 (bg)	-0.2452	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-49 (bg)	0	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-29**	**-2.904**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-50	0.6411	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-51**	**2.885**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-52**	**4.033**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-53**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWA-21 (bg)	0.1224	No	0.01	No	Mann-W
TDS (mg/L)	GWA-22 (bg)	1.989	No	0.01	No	Mann-W
TDS (mg/L)	GWA-45 (bg)	1.199	No	0.01	No	Mann-W
TDS (mg/L)	GWA-46 (bg)	1.455	No	0.01	No	Mann-W
TDS (mg/L)	GWA-47 (bg)	2.317	No	0.01	No	Mann-W
TDS (mg/L)	GWA-48 (bg)	1.039	No	0.01	No	Mann-W
TDS (mg/L)	GWA-49 (bg)	1.337	No	0.01	No	Mann-W
TDS (mg/L)	GWC-29	1.66	No	0.01	No	Mann-W
TDS (mg/L)	GWC-50	0.2561	No	0.01	No	Mann-W
TDS (mg/L)	GWC-51	1.494	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-52**	**3.175**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-53	1.837	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-21 (bg)	0.5775	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-22 (bg)	0.4437	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-45 (bg)	0.5775	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-48 (bg)	0.4437	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-50	0.2652	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-21 (bg)	1.658	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-22 (bg)	2.159	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-45 (bg)	-2.472	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-46 (bg)	-1.1	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-47 (bg)	-0.397	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-48 (bg)	1.369	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-49 (bg)	-0.0605	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-29	0.2065	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-50	-1.248	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-51	-1.121	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Vanadium (mg/L)	GWC-52	-2.302	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-53	-0.3193	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-21 (bg)	0.4842	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-22 (bg)	1.347	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-45 (bg)	-0.1343	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-46 (bg)	-1.467	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-47 (bg)	0.1757	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-48 (bg)	0.3539	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-49 (bg)	0.4842	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-29	-0.4811	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-50	-1.564	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-51	-1.148	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-52	-0.6225	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-53	0.1196	No	0.01	No	Mann-W

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**2/26/2025**	**0.033**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**2/26/2025**	**0.0078**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWA-45**	**0.0062**	**n/a**	**2/26/2025**	**0.0082**	**Yes**	**31**	**n/a**	**n/a**	**48.39**	**n/a**	**n/a**	**0.001905**	**NP Intra (normality) 1 of 2**
Vanadium (mg/L)	**GWA-46**	**0.006277**	**n/a**	**2/26/2025**	**0.0069**	**Yes**	**30**	**0.05652**	**0.01052**	**6.667**	**None**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWA-49**	**0.02234**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**31**	**0.01881**	**0.001639**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-50**	**0.007096**	**n/a**	**2/26/2025**	**0.009**	**Yes**	**31**	**0.05081**	**0.01553**	**25.81**	**Kaplan-Meier**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-51**	**0.00737**	**n/a**	**2/26/2025**	**0.01**	**Yes**	**31**	**0.004792**	**0.001198**	**6.452**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-52**	**0.01339**	**n/a**	**2/26/2025**	**0.014**	**Yes**	**31**	**0.01086**	**0.001174**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-21	0.002	n/a	2/25/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-46	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-47	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-48	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-51	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-22	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-45	0.0015	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-46	0.0013	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-47	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-49	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-29	0.0013	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-50	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-52	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-53	0.0013	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-21	0.02877	n/a	2/25/2025	0.019	No	35	0.02245	0.002972	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-22	0.03038	n/a	2/25/2025	0.024	No	36	0.02404	0.002991	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-45	0.07871	n/a	2/26/2025	0.052	No	32	0.03994	0.01806	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-46	0.02426	n/a	2/26/2025	0.023	No	35	0.02016	0.001929	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-47	0.04523	n/a	2/26/2025	0.031	No	35	-3.537	0.2074	0	None	ln(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-48	0.031	n/a	2/26/2025	0.014	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-49	0.02293	n/a	2/26/2025	0.019	No	36	0.01964	0.001553	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-29	0.02326	n/a	2/26/2025	0.018	No	36	0.1305	0.01039	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-50	0.038	n/a	2/26/2025	0.014	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-51	0.019	n/a	2/26/2025	0.011	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**2/26/2025**	**0.033**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-53	0.05436	n/a	2/25/2025	0.032	No	10	0.0428	0.004077	0	None	No	0.0007022	Param Intra 1 of 2
Beryllium (mg/L)	GWA-22	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-45	0.0025	n/a	2/26/2025	0.00022J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-47	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-50	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-52	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-53	0.0025	n/a	2/25/2025	0.00009J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-21	0.007688	n/a	2/25/2025	0.001ND	No	36	0.1382	0.0279	8.333	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWA-22	0.01313	n/a	2/25/2025	0.01	No	36	0.007652	0.002586	0	None	No	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWA-45	0.0042	n/a	2/26/2025	0.0012J	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-46	0.0088	n/a	2/26/2025	0.0048	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-47	0.045	n/a	2/26/2025	0.01	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-48	0.028	n/a	2/26/2025	0.0061	No	36	n/a	n/a	2.778	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-49	0.009266	n/a	2/26/2025	0.0057	No	36	0.1838	0.0124	0	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWC-29	0.0039	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-50	0.0089	n/a	2/26/2025	0.0032	No	36	n/a	n/a	5.556	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**2/26/2025**	**0.0078**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	GWC-53	0.0053	n/a	2/25/2025	0.002ND	No	36	n/a	n/a	36.11	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-21	0.0025	n/a	2/25/2025	0.00023J	No	36	n/a	n/a	63.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-22	0.0025	n/a	2/25/2025	0.0025ND	No	35	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-45	0.003656	n/a	2/26/2025	0.00072J	No	31	0.001627	0.0009422	22.58	Kaplan-Meier	No	0.0007022	Param Intra 1 of 2
Cobalt (mg/L)	GWA-46	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-47	0.003	n/a	2/26/2025	0.0025ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-48	0.0025	n/a	2/26/2025	0.0025ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-49	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-29	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-50	0.01	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-52	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-53	0.01712	n/a	2/25/2025	0.012	No	36	0.008389	0.004121	2.778	None	No	0.0007022	Param Intra 1 of 2
Copper (mg/L)	GWA-21	0.0023	n/a	2/25/2025	0.002ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-22	0.003	n/a	2/25/2025	0.002ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-45	0.0068	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-47	0.022	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	50	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-48	0.0084	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	63.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-49	0.0031	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-50	0.0046	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-21	0.0022	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-22	0.002	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWA-45	0.0016	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-46	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-47	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-49	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-29	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-50	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-51	0.0015	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-52	0.001	n/a	2/26/2025	0.001ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-53	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-21	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-22	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-45	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-46	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-47	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-48	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-49	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-29	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-50	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-51	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-52	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-53	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-21	0.0015	n/a	2/25/2025	0.00099J	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-22	0.0014	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-45	0.0011	n/a	2/26/2025	0.00053J	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-46	0.001	n/a	2/26/2025	0.00049J	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-47	0.022	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-48	0.016	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-49	0.0019	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-29	0.005	n/a	2/26/2025	0.0027	No	31	n/a	n/a	38.71	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-50	0.0073	n/a	2/26/2025	0.0032	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-51	0.0034	n/a	2/26/2025	0.0024	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-53	0.008133	n/a	2/25/2025	0.0078	No	31	0.00004852	0.000008186	0	None	x^2	0.0007022	Param Intra 1 of 2
Selenium (mg/L)	GWA-22	0.005	n/a	2/25/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-45	0.005	n/a	2/26/2025	0.005ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-47	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	97.14	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-48	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-49	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-29	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-50	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-52	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-53	0.005	n/a	2/25/2025	0.0011J	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-21	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-22	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-45	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-50	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-51	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-21	0.0072	n/a	2/25/2025	0.0014J	No	31	n/a	n/a	35.48	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-22	0.0083	n/a	2/25/2025	0.008	No	31	n/a	n/a	32.26	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	**GWA-45**	**0.0062**	**n/a**	**2/26/2025**	**0.0082**	**Yes**	**31**	**n/a**	**n/a**	**48.39**	**n/a**	**n/a**	**0.001905**	**NP Intra (normality) 1 of 2**
Vanadium (mg/L)	**GWA-46**	**0.006277**	**n/a**	**2/26/2025**	**0.0069**	**Yes**	**30**	**0.05652**	**0.01052**	**6.667**	**None**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWA-47	0.01931	n/a	2/26/2025	0.0097	No	30	0.09539	0.02018	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-48	0.022	n/a	2/26/2025	0.021	No	31	0.0002765	0.00009634	0	None	x^2	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	**GWA-49**	**0.02234**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**31**	**0.01881**	**0.001639**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-29	0.007556	n/a	2/26/2025	0.0056	No	31	0.06977	0.007969	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	**GWC-50**	**0.007096**	**n/a**	**2/26/2025**	**0.009**	**Yes**	**31**	**0.05081**	**0.01553**	**25.81**	**Kaplan-Meier**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-51**	**0.00737**	**n/a**	**2/26/2025**	**0.01**	**Yes**	**31**	**0.004792**	**0.001198**	**6.452**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-52**	**0.01339**	**n/a**	**2/26/2025**	**0.014**	**Yes**	**31**	**0.01086**	**0.001174**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-53	0.0065	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-21	0.005	n/a	2/25/2025	0.0028J	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-22	0.0085	n/a	2/25/2025	0.0076	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-45	0.0098	n/a	2/26/2025	0.0055	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-46	0.0096	n/a	2/26/2025	0.0035J	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-47	0.0087	n/a	2/26/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-48	0.008	n/a	2/26/2025	0.0044J	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-49	0.005	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-29	0.0058	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWC-50	0.0076	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-51	0.005	n/a	2/26/2025	0.004J	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-52	0.0073	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-53	0.01939	n/a	2/25/2025	0.018	No	31	0.01409	0.00246	0	None	No	0.0007022	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:41 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-52	0.091	n/a	2/26/2025	0.033	No	250	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-51	0.045	n/a	2/26/2025	0.0078	No	259	n/a	n/a	13.9	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-52	0.045	n/a	2/26/2025	0.026	No	259	n/a	n/a	13.9	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-50	0.026	n/a	2/26/2025	0.009	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-51	0.026	n/a	2/26/2025	0.01	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-52	0.026	n/a	2/26/2025	0.014	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

Appendix I Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003365**	**-231**	**-199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.003319**	**363**	**167**	**Yes**	**33**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003667**	**361**	**191**	**Yes**	**36**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-52**	**0.001198**	**556**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-22 (bg)**	**0.0005054**	**428**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-51**	**0.0001885**	**216**	**199**	**Yes**	**37**	**5.405**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.002039**	**445**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	**GWA-48 (bg)**	**0.000485**	**267**	**161**	**Yes**	**32**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-21 (bg)	0.00008267	51	191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003365**	**-231**	**-199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.003319**	**363**	**167**	**Yes**	**33**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003667**	**361**	**191**	**Yes**	**36**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWA-47 (bg)	0	-31	-191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-48 (bg)	0	16	184	No	35	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-49 (bg)	0	46	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-52**	**0.001198**	**556**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-21 (bg)	-0.0001899	-183	-199	No	37	10.81	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWA-22 (bg)**	**0.0005054**	**428**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-45 (bg)	0	-104	-199	No	37	83.78	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-46 (bg)	0.00005921	164	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-47 (bg)	0.00008538	63	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-48 (bg)	-0.00002111	-28	-199	No	37	2.703	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-49 (bg)	0.00001305	24	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWC-51**	**0.0001885**	**216**	**199**	**Yes**	**37**	**5.405**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.002039**	**445**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-21 (bg)	6.2e-12	72	161	No	32	34.38	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-22 (bg)	0.00009366	143	161	No	32	31.25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-45 (bg)	-0.00003386	-147	-161	No	32	46.88	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-46 (bg)	0	-6	-152	No	31	6.452	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-47 (bg)	-0.0002681	-52	-152	No	31	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	**GWA-48 (bg)**	**0.000485**	**267**	**161**	**Yes**	**32**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-49 (bg)	0.0001069	129	161	No	32	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-50	0.00007466	68	161	No	32	25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-51	0.00005868	73	161	No	32	6.25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-52	0	-71	-161	No	32	0	n/a	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**2/26/2025**	**27**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-48**	**1.99**	**n/a**	**2/26/2025**	**2**	**Yes**	**22**	**1.747**	**0.1197**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**2/26/2025**	**8.7**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-52**	**8.531**	**n/a**	**2/26/2025**	**8.6**	**Yes**	**22**	**237487**	**72936**	**0**	**None**	**x^6**	**0.001504**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-21**	**6.053**	**5.549**	**2/25/2025**	**6.07**	**Yes**	**37**	**5.801**	**0.1319**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-22**	**6.345**	**5.588**	**2/25/2025**	**6.66**	**Yes**	**36**	**5.966**	**0.198**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-45**	**6.54**	**5.88**	**2/26/2025**	**6.85**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWC-29**	**6.353**	**5.494**	**2/26/2025**	**6.54**	**Yes**	**37**	**5.924**	**0.2253**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-51**	**6.04**	**5.68**	**2/26/2025**	**6.23**	**Yes**	**39**	**5.86**	**0.0948**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-52**	**6.882**	**6.416**	**2/26/2025**	**7.03**	**Yes**	**39**	**6.649**	**0.1228**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**2/26/2025**	**4.1**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**2/26/2025**	**94**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**2/25/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.19	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.349	n/a	2/26/2025	1	No	14	0.9786	0.1656	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.11	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.12	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	2/26/2025	0.08ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	2/26/2025	0.022J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	2/26/2025	0.028J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.124	n/a	2/25/2025	1.1	No	23	0.9576	0.08273	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.11	n/a	2/25/2025	5.8	No	23	8.333	1.374	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	11.08	n/a	2/25/2025	11	No	23	7.67	1.69	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.98	n/a	2/26/2025	26	No	23	32.45	7.205	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.262	n/a	2/26/2025	6.1	No	23	5.955	0.648	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	17	n/a	2/26/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-48	14	n/a	2/26/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-49	16	n/a	2/26/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	22.36	n/a	2/26/2025	18	No	13	15.62	2.959	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.239	n/a	2/26/2025	7.5	No	22	7.243	0.4906	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.588	n/a	2/26/2025	8.1	No	23	7.057	0.7591	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**2/26/2025**	**27**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-53	21.26	n/a	2/25/2025	20	No	23	17.56	1.834	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.32	n/a	2/25/2025	3	No	23	3.423	0.4447	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	5	n/a	2/25/2025	1.8	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-45	14	n/a	2/26/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	6.141	n/a	2/26/2025	5.8	No	23	4.109	1.007	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.878	n/a	2/26/2025	1.8	No	23	1.547	0.1645	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWA-48**	**1.99**	**n/a**	**2/26/2025**	**2**	**Yes**	**22**	**1.747**	**0.1197**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-49	2.328	n/a	2/26/2025	2.1	No	23	2.069	0.1283	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.065	n/a	2/26/2025	3.3	No	22	3.436	0.3094	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.197	n/a	2/26/2025	1.9	No	23	1.904	0.1455	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**2/26/2025**	**8.7**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-52**	**8.531**	**n/a**	**2/26/2025**	**8.6**	**Yes**	**22**	**237487**	**72936**	**0**	**None**	**x^6**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-53	15.26	n/a	2/25/2025	14	No	25	11.81	1.733	0	None	No	0.001504	Param Intra 1 of 2
Fluoride (mg/L)	GWA-21	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.11	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-49	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	**GWA-21**	**6.053**	**5.549**	**2/25/2025**	**6.07**	**Yes**	**37**	**5.801**	**0.1319**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-22**	**6.345**	**5.588**	**2/25/2025**	**6.66**	**Yes**	**36**	**5.966**	**0.198**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-45**	**6.54**	**5.88**	**2/26/2025**	**6.85**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWA-46	6.83	5.45	2/26/2025	5.92	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-47	6.632	6.24	2/26/2025	6.5	No	41	6.436	0.1034	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-48	6.987	6.595	2/26/2025	6.85	No	40	6.791	0.1033	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-49	7.112	6.548	2/26/2025	6.96	No	38	15119	1618	0	None	x^5	0.000752	Param Intra 1 of 2
pH, Field (SU)	**GWC-29**	**6.353**	**5.494**	**2/26/2025**	**6.54**	**Yes**	**37**	**5.924**	**0.2253**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-50	6.032	5.568	2/26/2025	5.83	No	39	5.8	0.1222	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	**GWC-51**	**6.04**	**5.68**	**2/26/2025**	**6.23**	**Yes**	**39**	**5.86**	**0.0948**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-52**	**6.882**	**6.416**	**2/26/2025**	**7.03**	**Yes**	**39**	**6.649**	**0.1228**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-53	6.14	5.37	2/25/2025	5.68	No	41	n/a	n/a	0	n/a	n/a	0.002236	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-21	2.876	n/a	2/25/2025	2	No	23	1.553	0.6561	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1.7	n/a	2/25/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	189.8	n/a	2/26/2025	150	No	23	153.8	17.85	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1.7	n/a	2/26/2025	1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1.6	n/a	2/26/2025	1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	2.011	n/a	2/26/2025	0.5ND	No	23	1.116	0.1499	0	None	sqrt(x)	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1.2	n/a	2/26/2025	0.47J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.35	n/a	2/26/2025	2	No	23	2.541	0.4008	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-50	1	n/a	2/26/2025	1ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**2/26/2025**	**4.1**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**2/26/2025**	**94**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**2/25/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-21	125.4	n/a	2/25/2025	90	No	23	89.74	17.65	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-22	106.3	n/a	2/25/2025	98	No	23	71.39	17.32	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-45	371.6	n/a	2/26/2025	280	No	23	286.4	42.22	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-46	88.63	n/a	2/26/2025	68	No	23	54.8	16.77	4.348	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-47	122.3	n/a	2/26/2025	100	No	23	90.04	15.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-48	121.8	n/a	2/26/2025	100	No	23	95.26	13.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-49	130.8	n/a	2/26/2025	110	No	22	110.2	10.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-29	144.1	n/a	2/26/2025	110	No	23	99.57	22.1	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-50	109.1	n/a	2/26/2025	77	No	22	70.68	18.93	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-51	104.2	n/a	2/26/2025	88	No	22	78.59	12.6	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-52	224.7	n/a	2/26/2025	220	No	13	176.9	20.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-53	330.7	n/a	2/25/2025	310	No	23	264.3	32.93	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Significant Result

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**2/25/2025**	**190**	**Yes**	**168**	**n/a**	**n/a**	**36.9**	**n/a**	**n/a**	**0.00007019**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:21 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-52	45	n/a	2/26/2025	27	No	168	n/a	n/a	0	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	14	n/a	2/26/2025	8.7	No	167	n/a	n/a	0	n/a	n/a	0.00007098	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-52	14	n/a	2/26/2025	8.6	No	167	n/a	n/a	0	n/a	n/a	0.00007098	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-29	7.11	5.45	2/26/2025	6.54	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-51	7.11	5.45	2/26/2025	6.23	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-52	7.11	5.45	2/26/2025	7.03	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-51	180	n/a	2/26/2025	4.1	No	168	n/a	n/a	36.9	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	2/26/2025	94	No	168	n/a	n/a	36.9	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**2/25/2025**	**190**	**Yes**	**168**	**n/a**	**n/a**	**36.9**	**n/a**	**n/a**	**0.00007019**	**NP Inter (normality) 1 of 2**

Appendix III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.2988**	**-109**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-45 (bg)**	**-1.631**	**-117**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1416**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3706**	**164**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-52**	**1.8**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-22 (bg)**	**-0.2045**	**-156**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4508**	**157**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3387**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-51**	**0.2194**	**190**	**98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-46 (bg)**	**0.01451**	**2.802**	**2.58**	**Yes**	**41**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-47 (bg)**	**0.01024**	**2.757**	**2.58**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-49 (bg)**	**0.01325**	**224**	**214**	**Yes**	**39**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-29**	**0.04544**	**395**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-51**	**0.2469**	**166**	**105**	**Yes**	**24**	**37.5**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.538**	**242**	**105**	**Yes**	**24**	**4.167**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.434**	**177**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.2988**	**-109**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-22 (bg)	0.3442	96	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-45 (bg)**	**-1.631**	**-117**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1416**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3706**	**164**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-48 (bg)	0	9	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	36	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-52**	**1.8**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-21 (bg)	0.06937	74	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-22 (bg)**	**-0.2045**	**-156**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4508**	**157**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3387**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-47 (bg)	0.02114	71	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	15	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	0	-49	-105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWC-51**	**0.2194**	**190**	**98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-52	0	-1	-98	No	23	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-21 (bg)	0.009152	127	206	No	38	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-22 (bg)	0.009991	101	199	No	37	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-45 (bg)	-0.00963	-126	-223	No	40	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-46 (bg)**	**0.01451**	**2.802**	**2.58**	**Yes**	**41**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-47 (bg)**	**0.01024**	**2.757**	**2.58**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-48 (bg)	0.004852	1.148	2.58	No	41	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-49 (bg)**	**0.01325**	**224**	**214**	**Yes**	**39**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-29**	**0.04544**	**395**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-51	0.01022	216	223	No	40	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWC-52	0.0067	119	223	No	40	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1029	105	105	No	24	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	24	105	No	24	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	2.9	92	105	No	24	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	27	105	No	24	54.17	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	46	105	No	24	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0	2	105	No	24	4.167	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-35	-105	No	24	50	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWC-51**	**0.2469**	**166**	**105**	**Yes**	**24**	**37.5**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.538**	**242**	**105**	**Yes**	**24**	**4.167**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.434**	**177**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**

FIGURE A.

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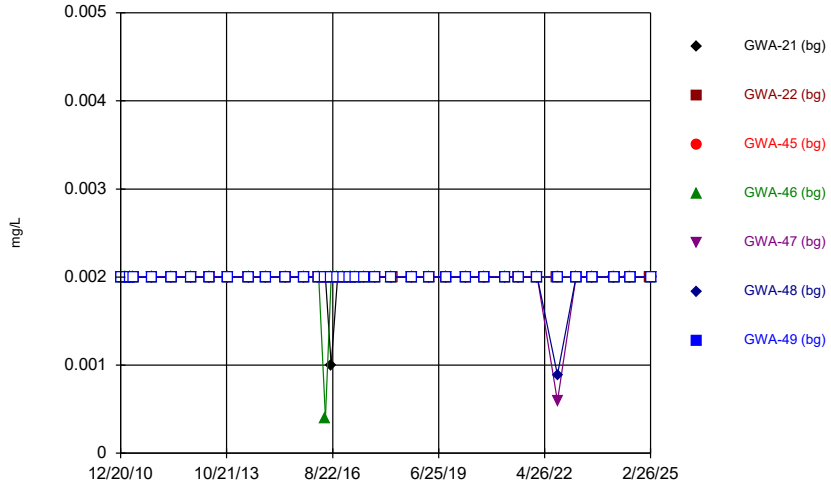
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 6/10/2025 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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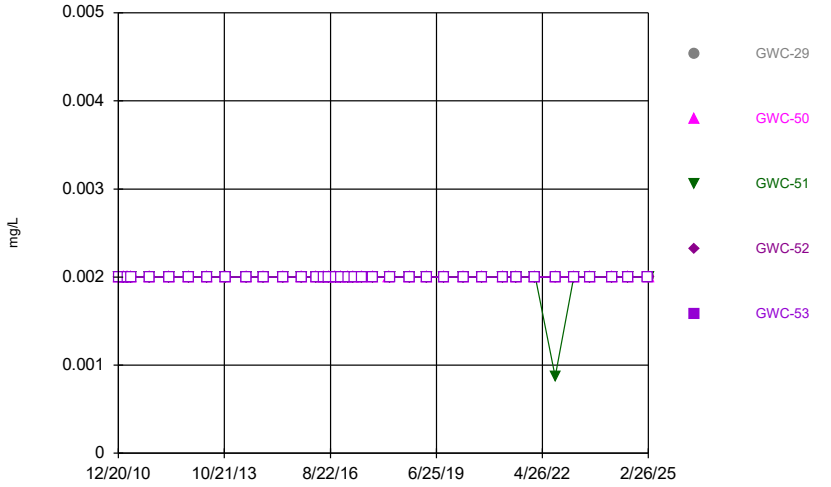

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Plant Scherer Client: Southern Company Data: Scherer PAC

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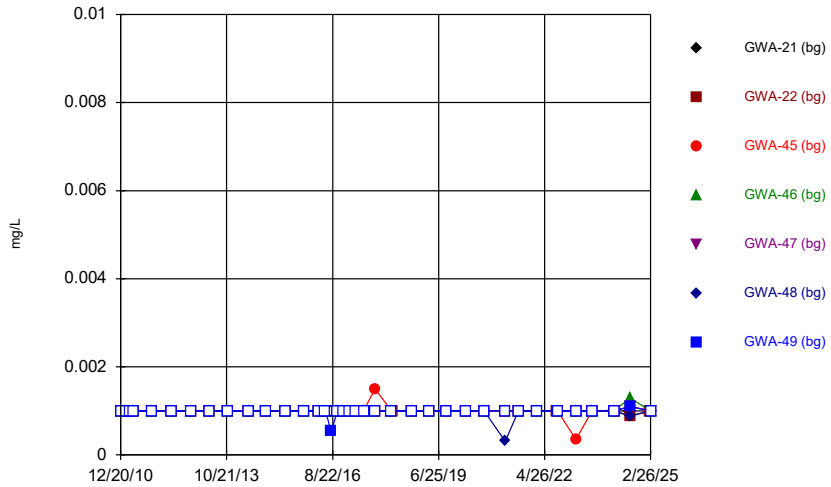

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Plant Scherer Client: Southern Company Data: Scherer PAC

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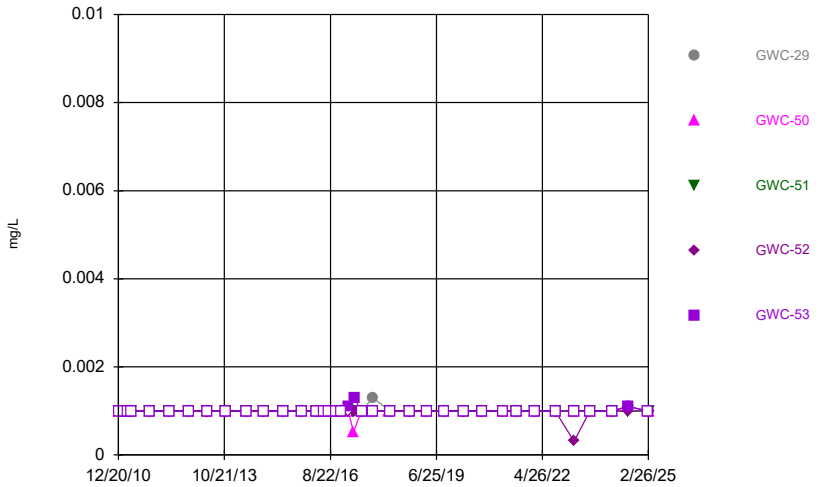
Time Series



Constituent: Arsenic Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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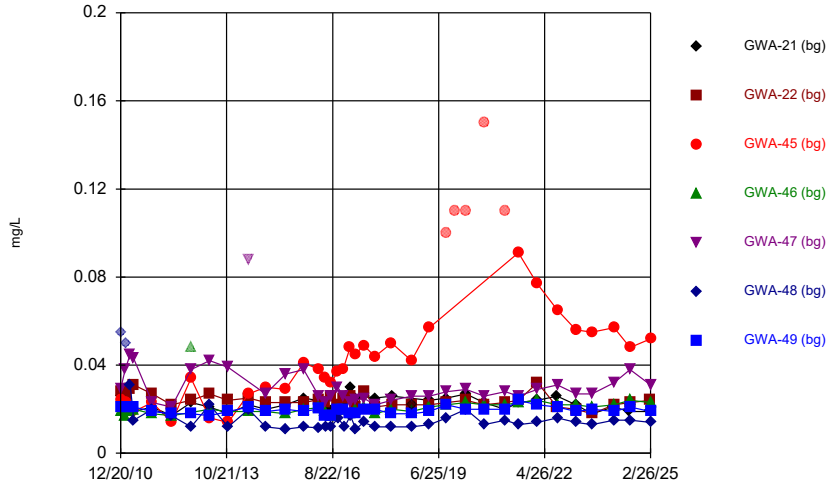
Time Series



Constituent: Barium Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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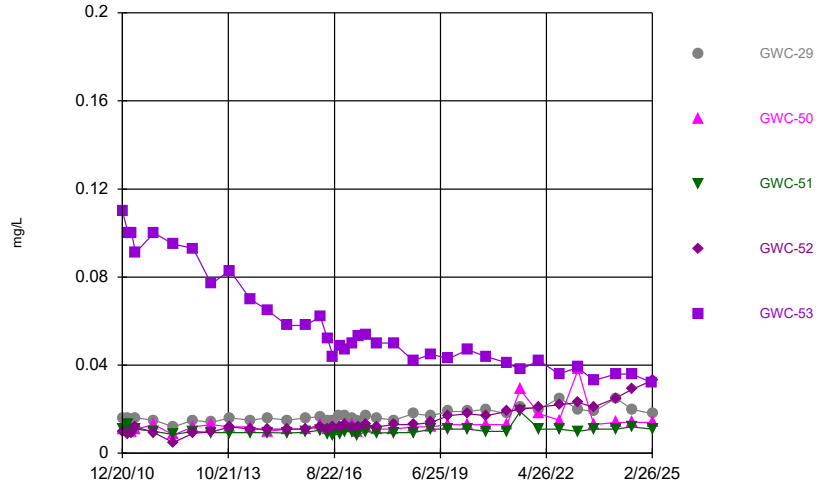
Time Series



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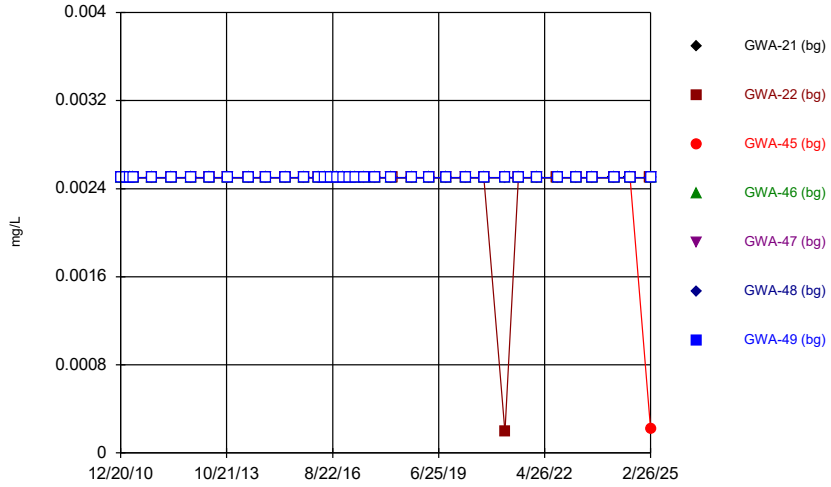

Constituent: Beryllium Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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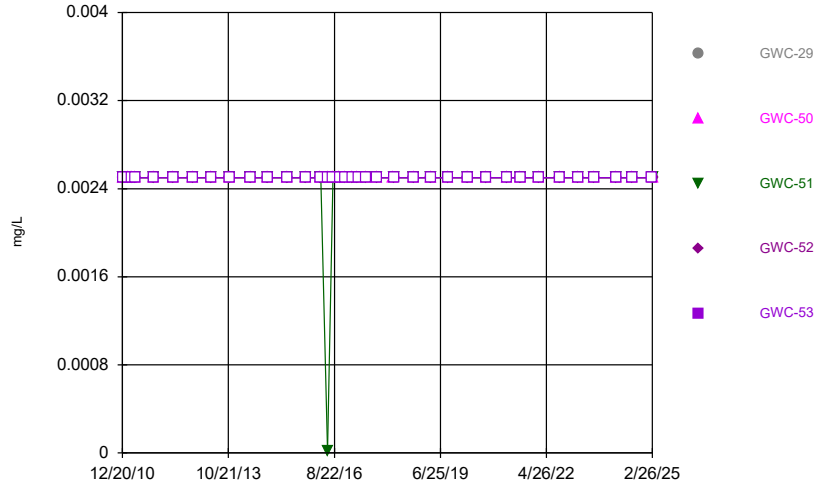
Hollow symbols indicate censored values.

Time Series



Constituent: Beryllium Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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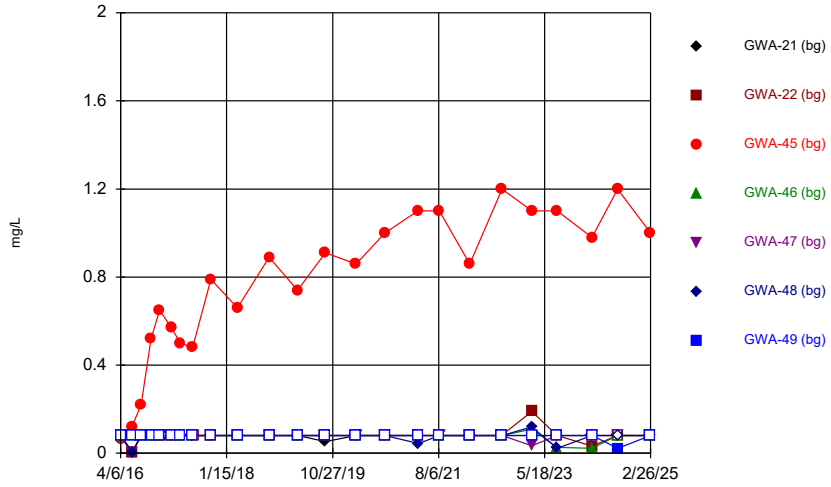
Hollow symbols indicate censored values.

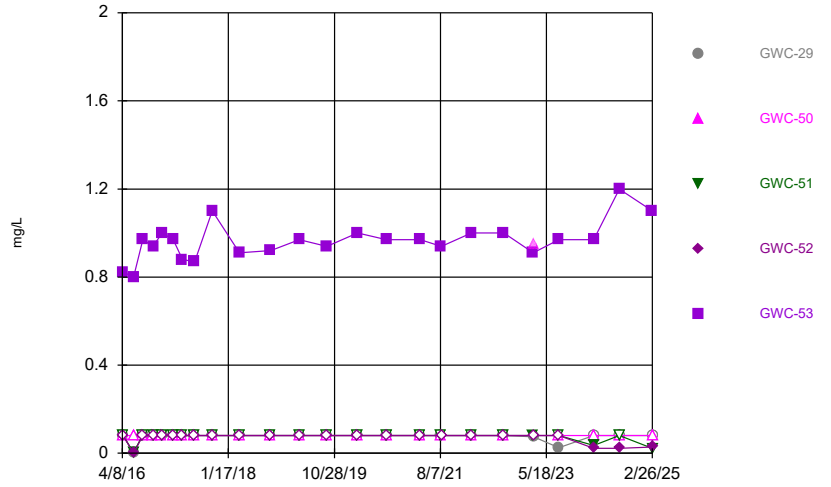
Time Series



Constituent: Boron Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

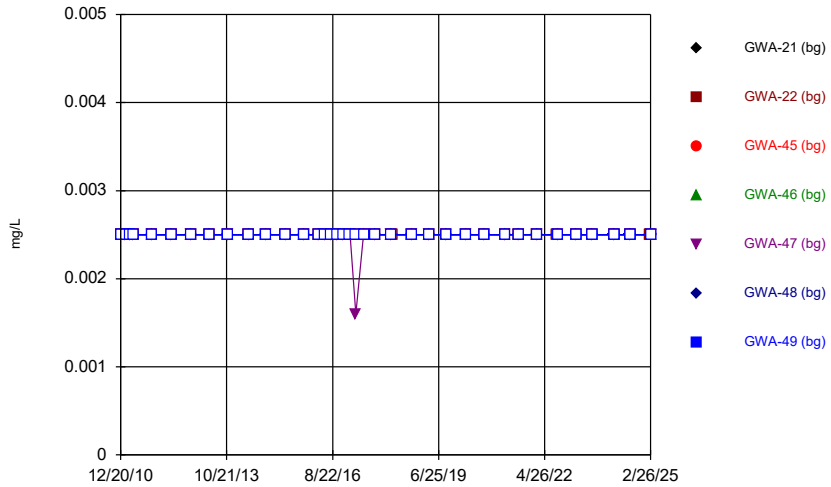
Time Series



Constituent: Boron Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

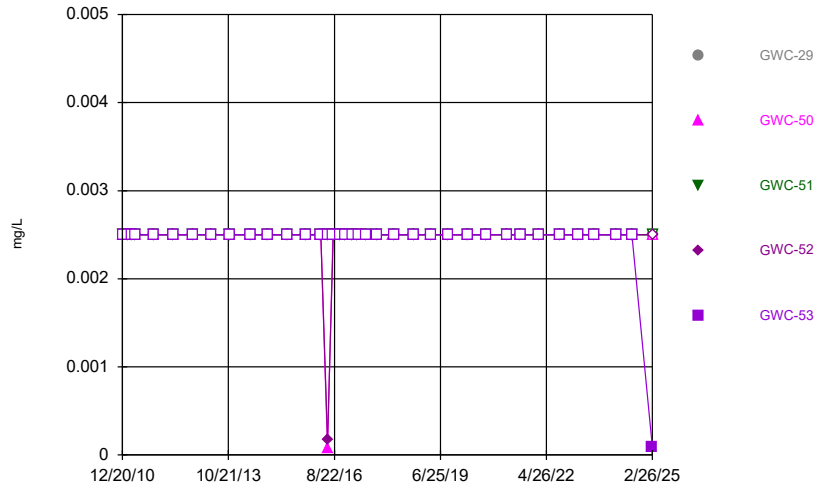
Time Series



Constituent: Cadmium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

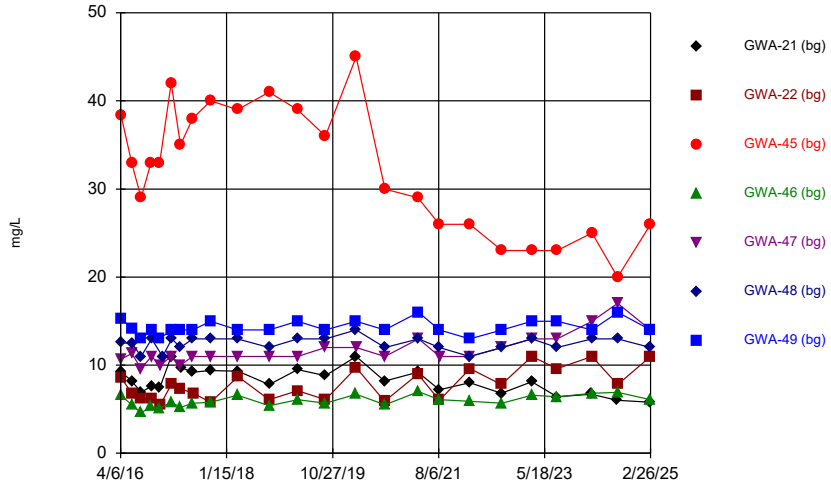
Time Series



Constituent: Cadmium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Time Series

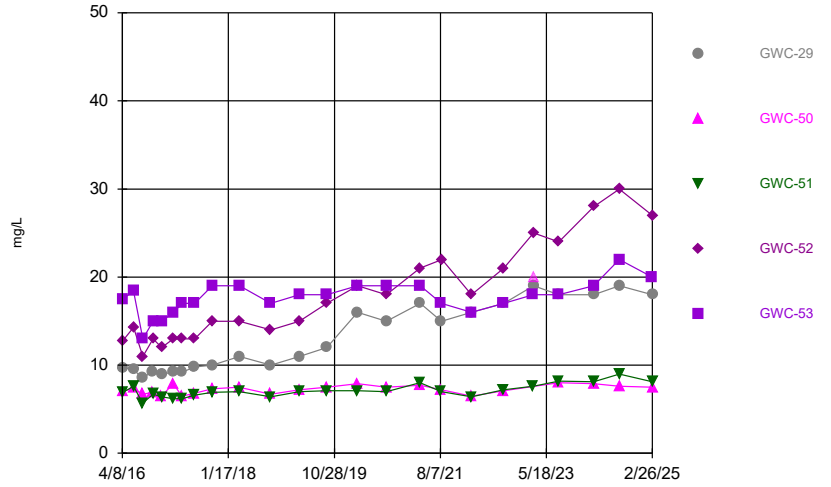


Constituent: Calcium Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Time Series

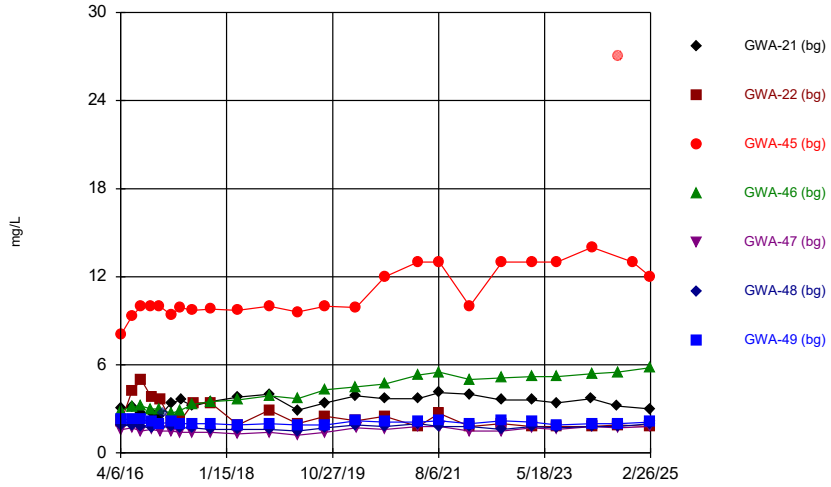


Constituent: Calcium Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Time Series



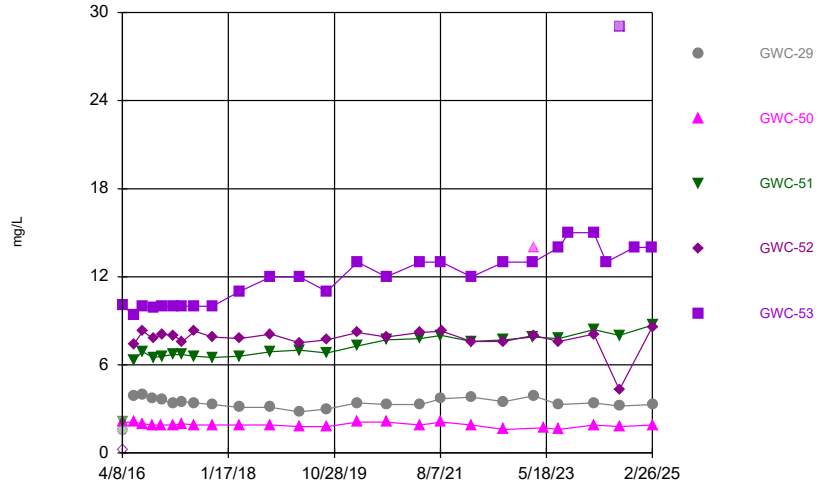
Constituent: Chloride Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

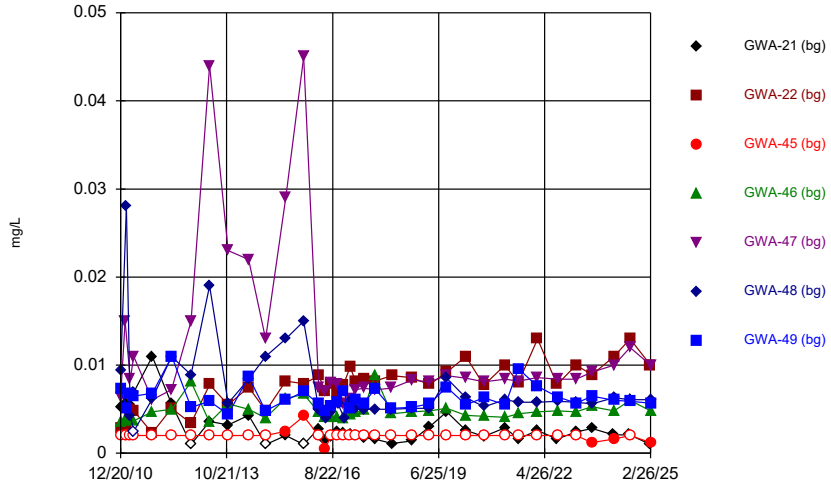


Constituent: Chloride Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

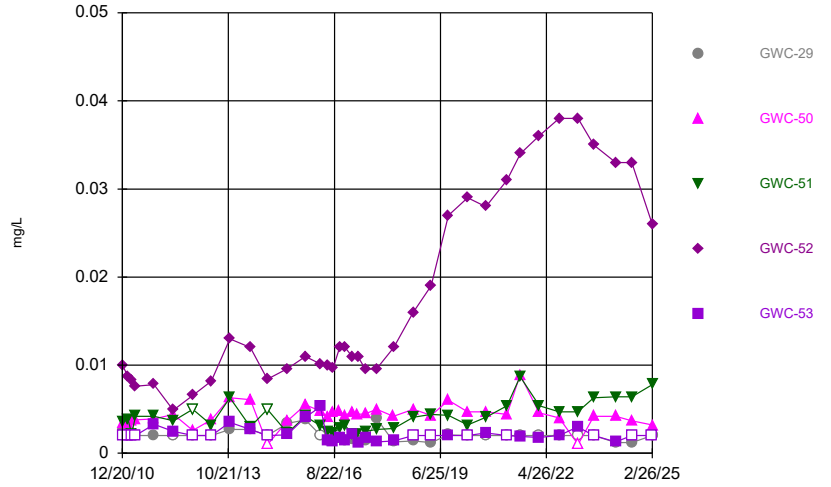
Time Series



Constituent: Chromium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

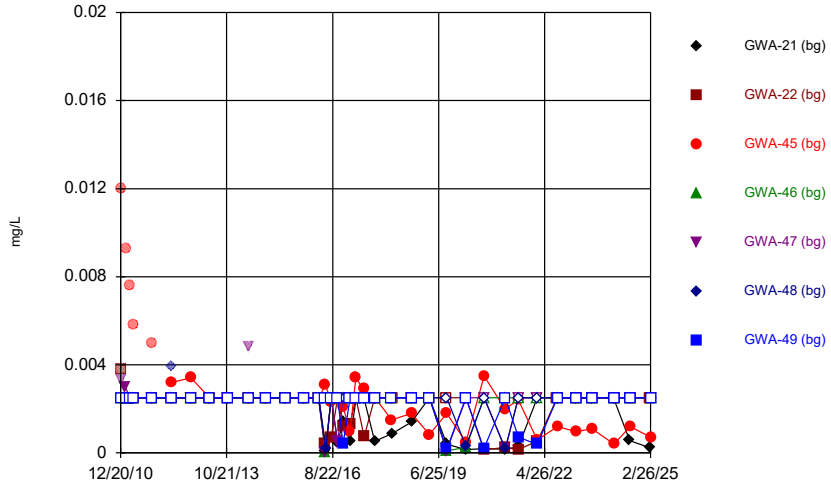
Time Series



Constituent: Chromium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

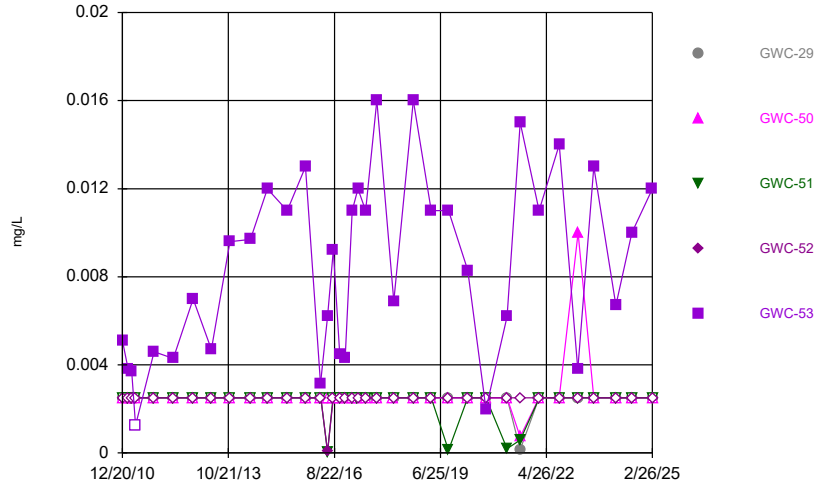
Time Series



Constituent: Cobalt Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

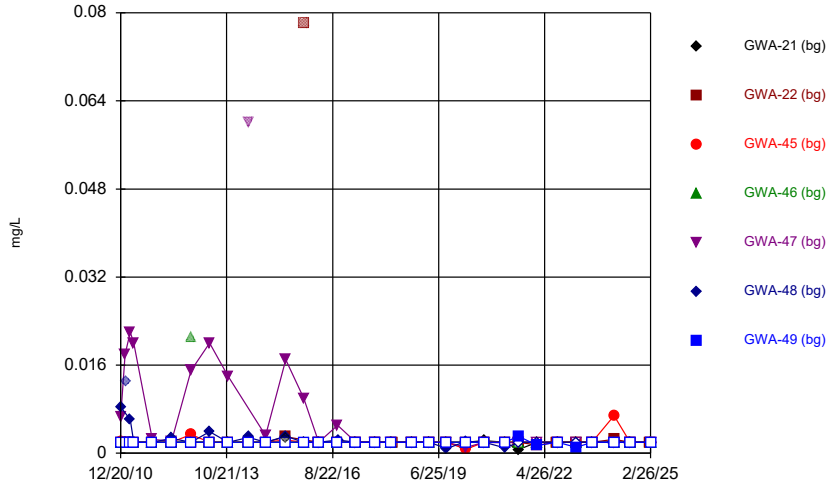
Time Series



Constituent: Cobalt Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

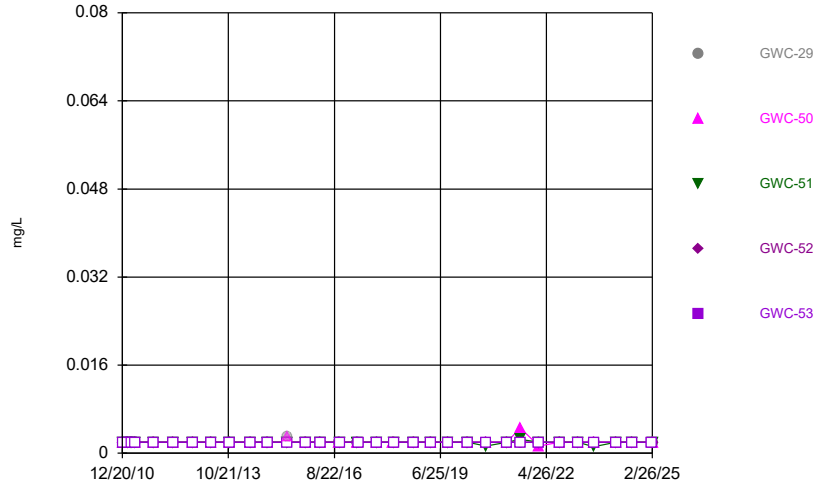
Time Series



Constituent: Copper Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

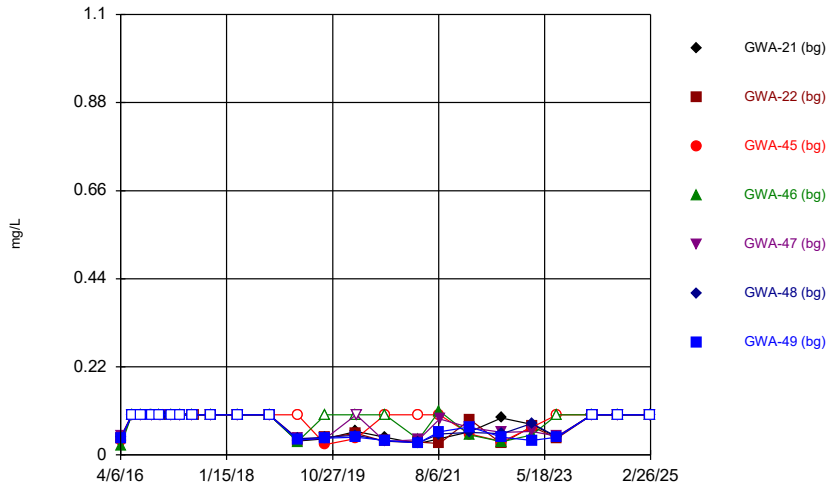
Time Series



Constituent: Copper Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

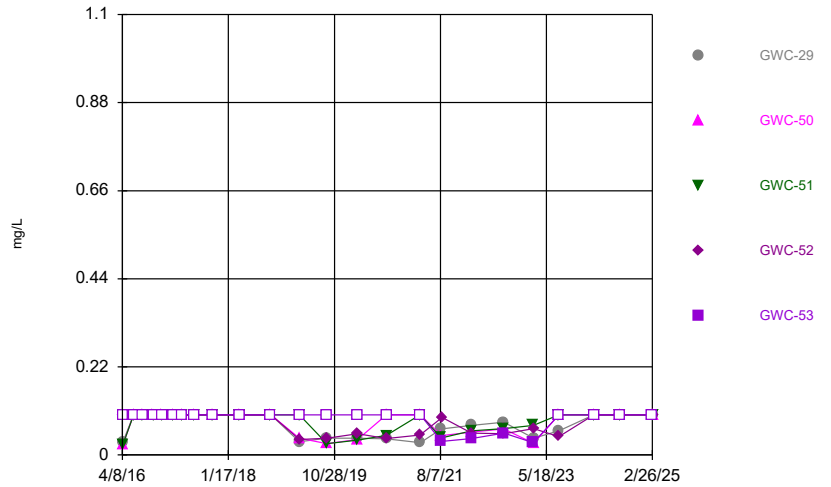
Time Series



Constituent: Fluoride Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

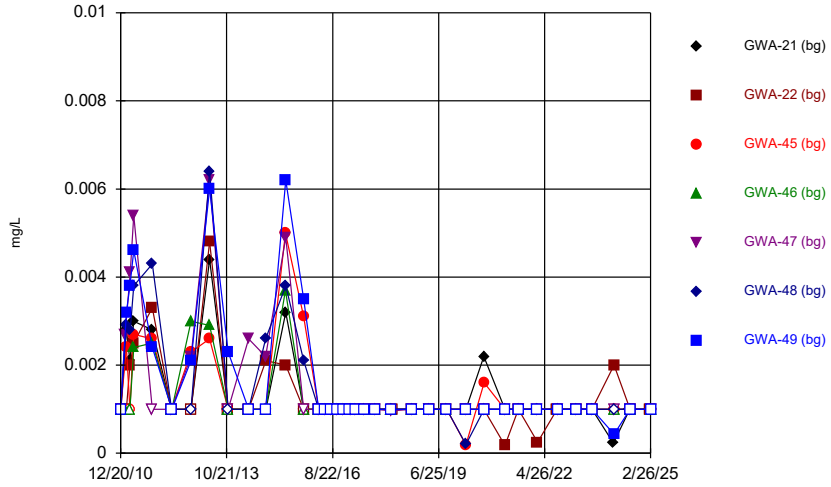
Time Series



Constituent: Fluoride Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

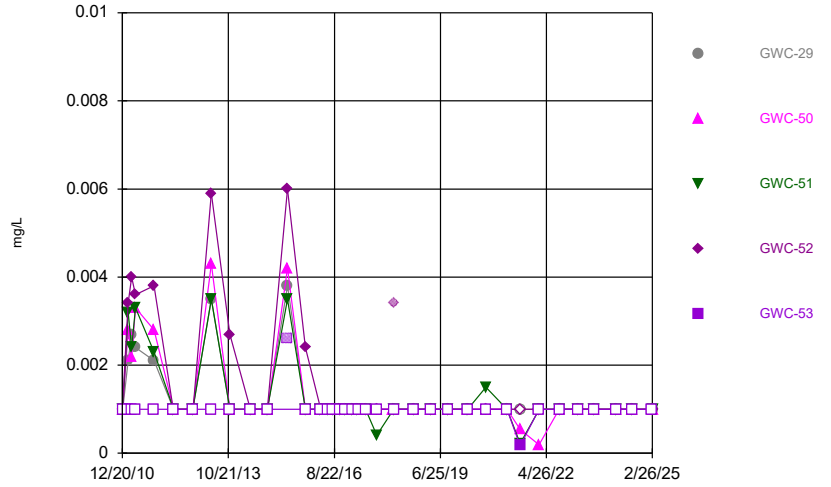
Time Series



Constituent: Lead Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

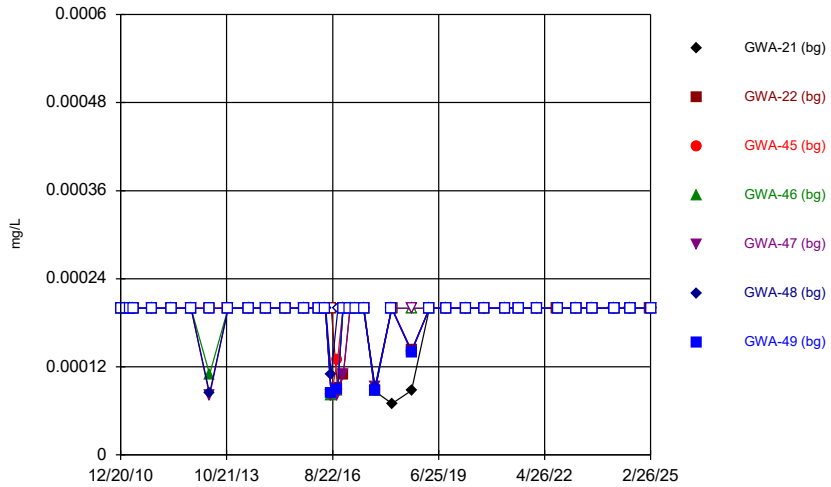
Time Series



Constituent: Lead Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

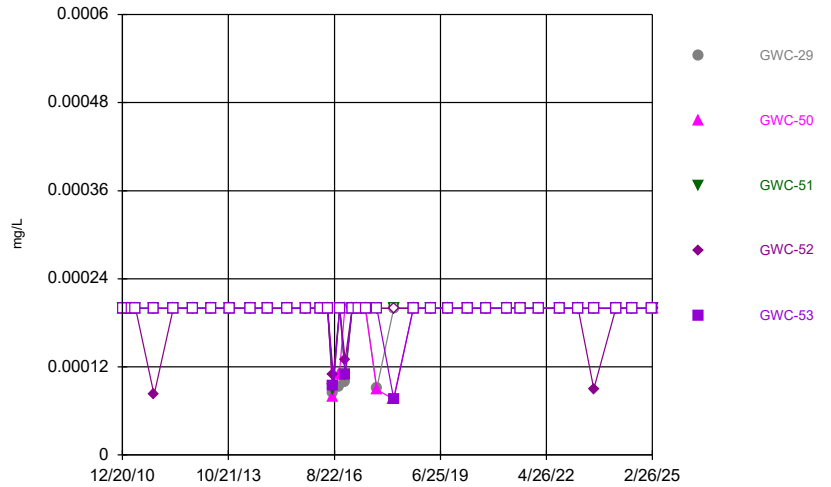
Time Series



Constituent: Mercury Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

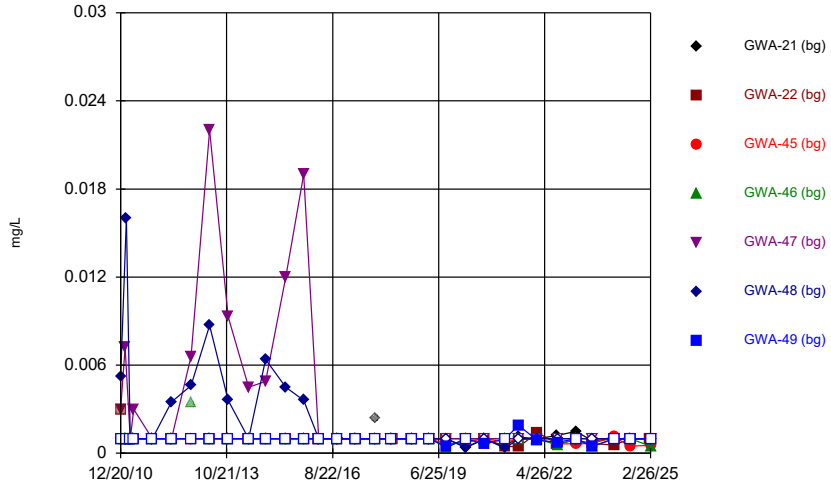
Time Series



Constituent: Mercury Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

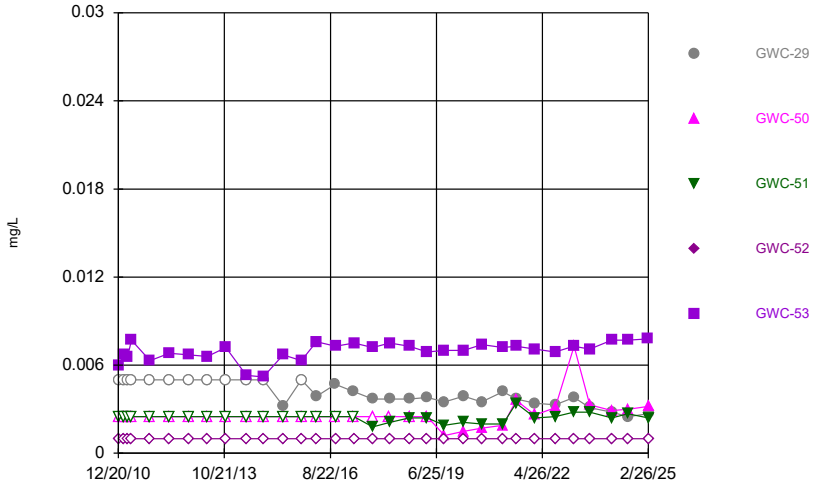
Time Series



Constituent: Nickel Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

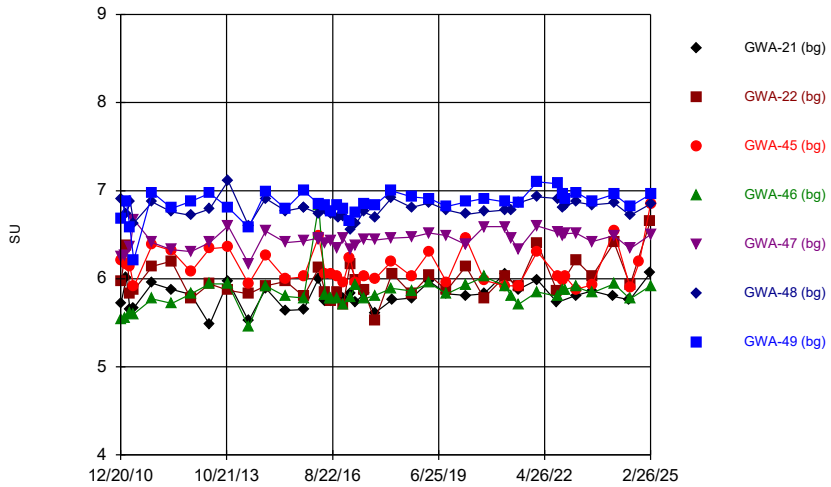
Time Series



Constituent: Nickel Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

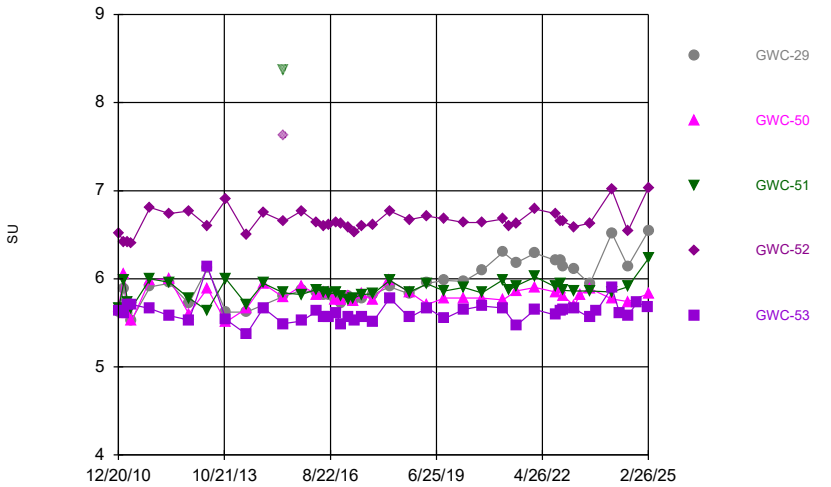
Time Series



Constituent: pH, Field Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

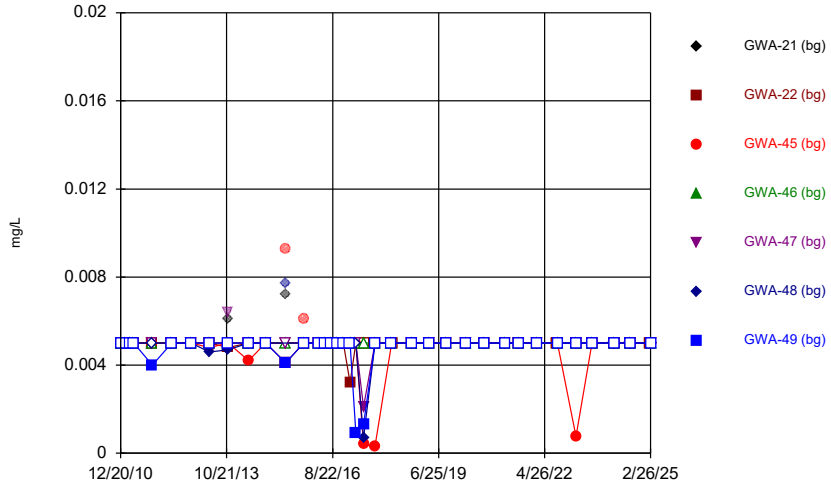
Time Series



Constituent: pH, Field Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

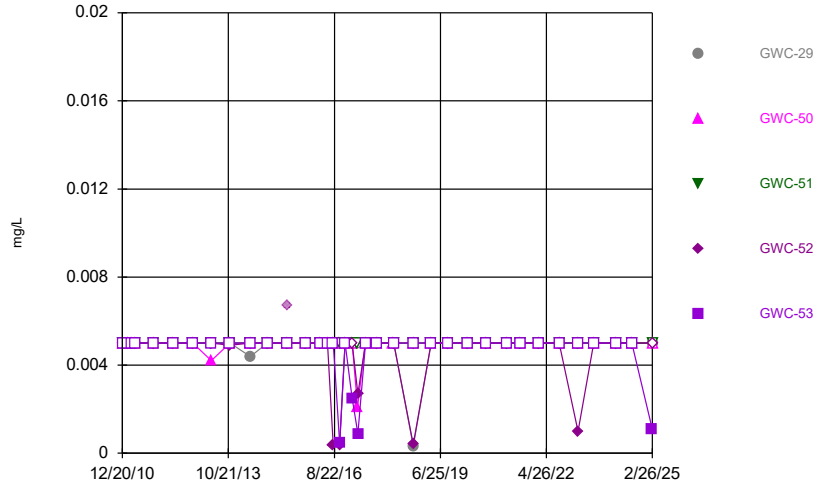
Time Series



Constituent: Selenium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

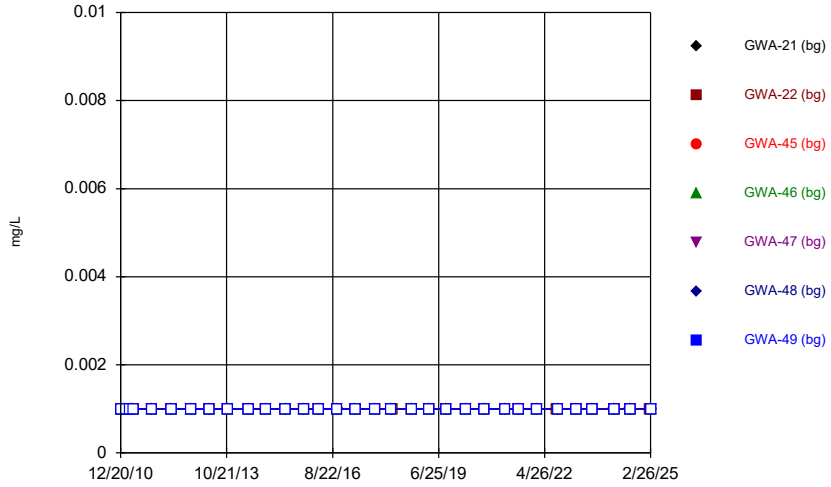
Time Series



Constituent: Selenium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

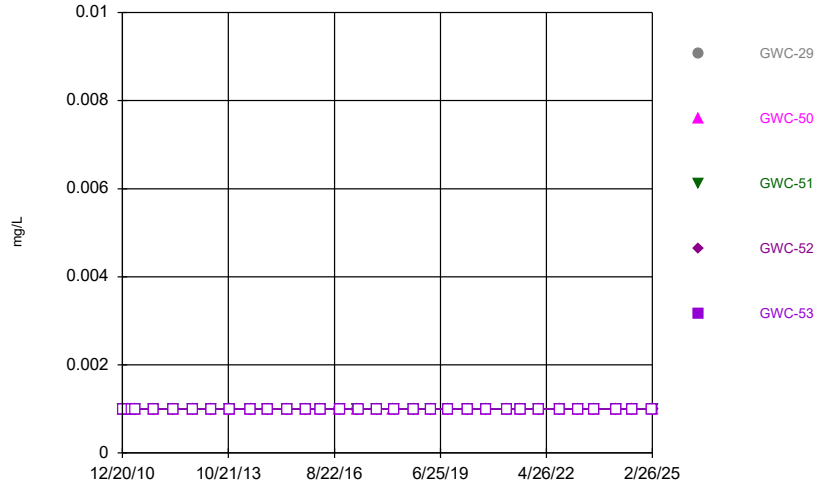
Time Series



Constituent: Silver Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

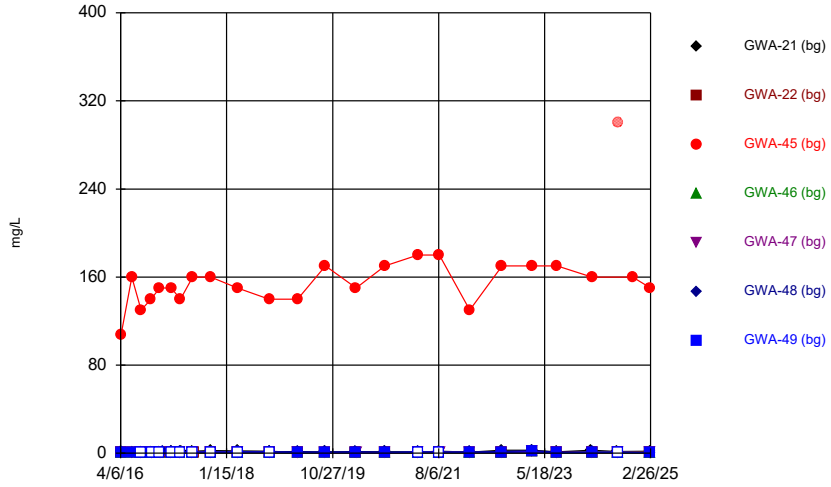
Time Series



Constituent: Silver Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

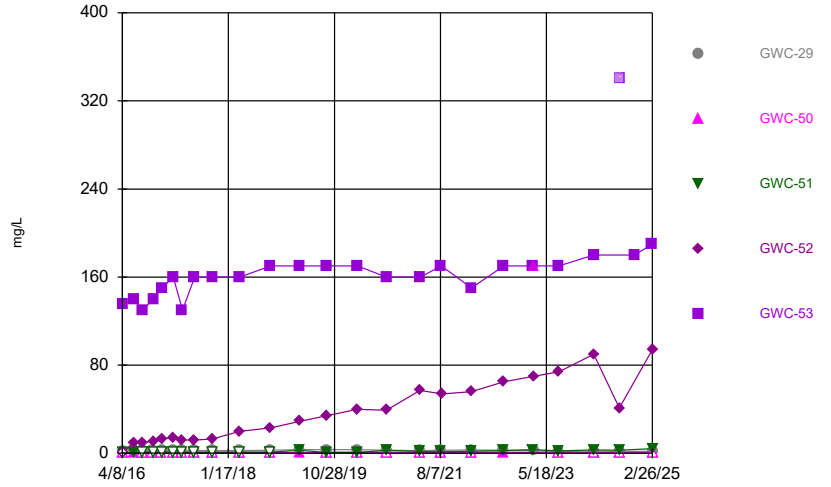
Time Series



Constituent: Sulfate Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

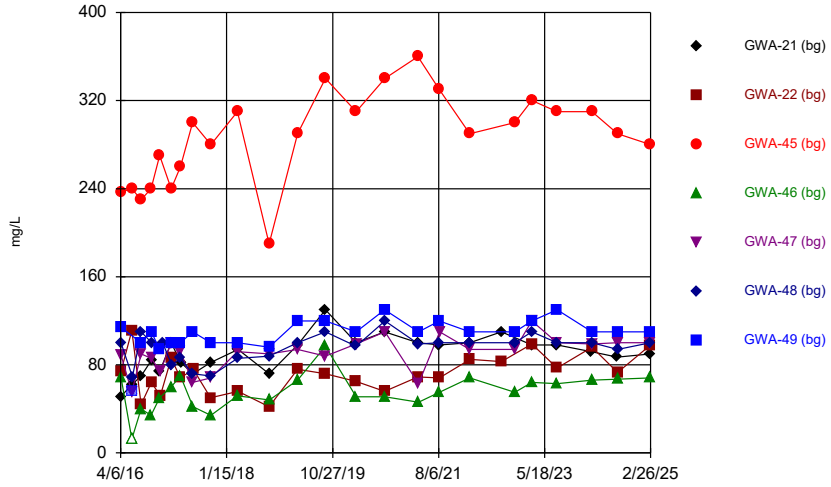
Time Series



Constituent: Sulfate Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

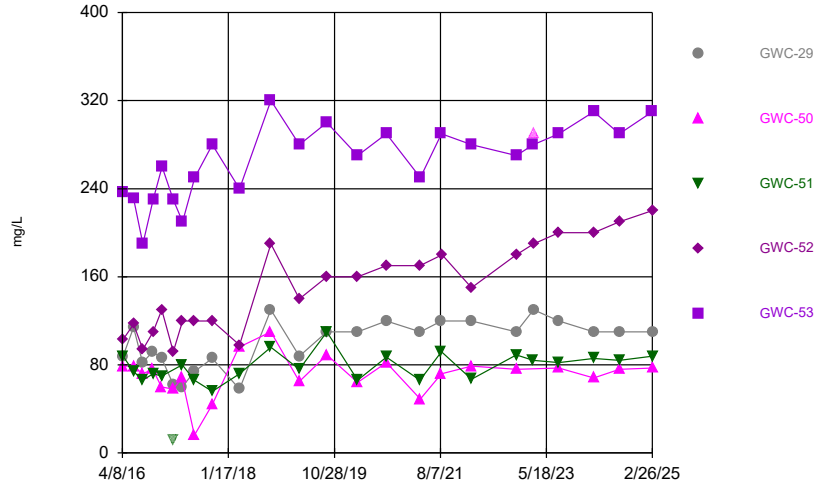
Time Series



Constituent: TDS Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

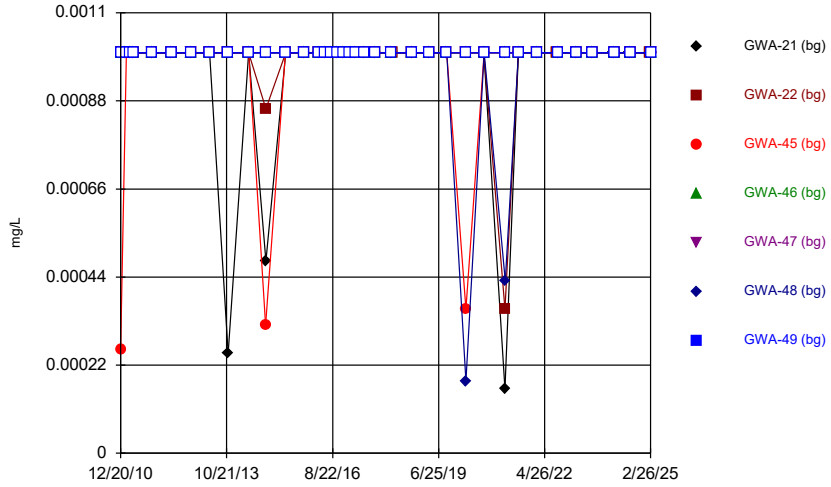
Time Series



Constituent: TDS Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

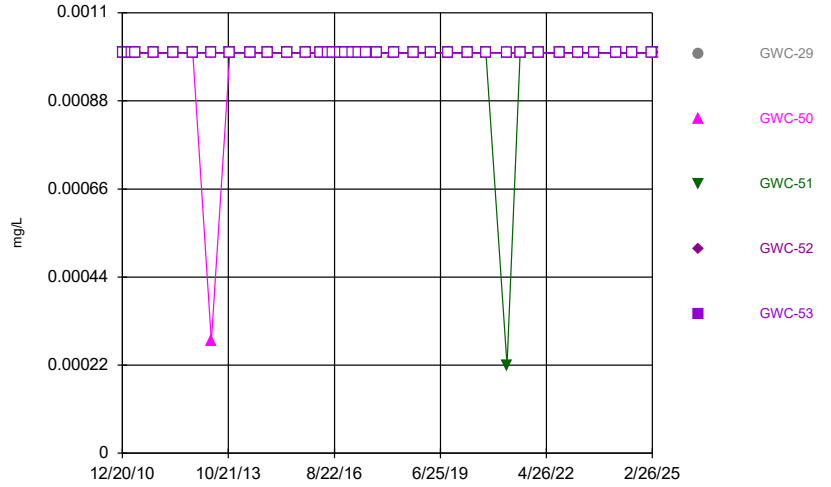
Time Series



Constituent: Thallium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

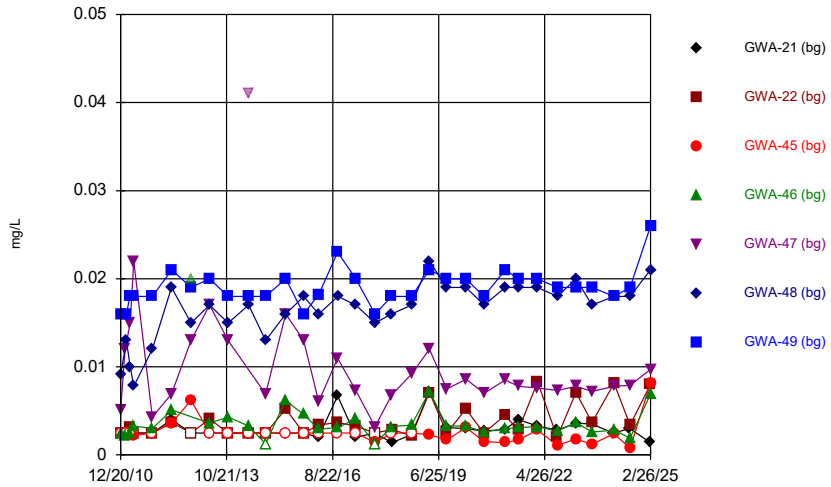
Time Series



Constituent: Thallium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

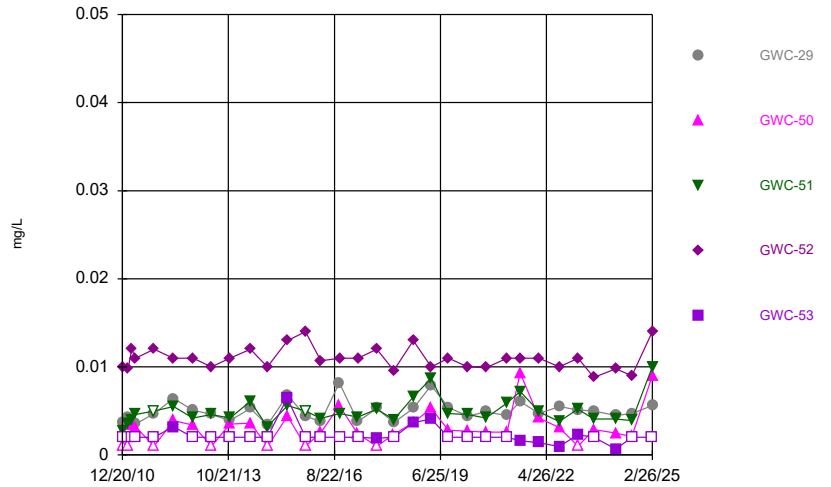
Time Series



Constituent: Vanadium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

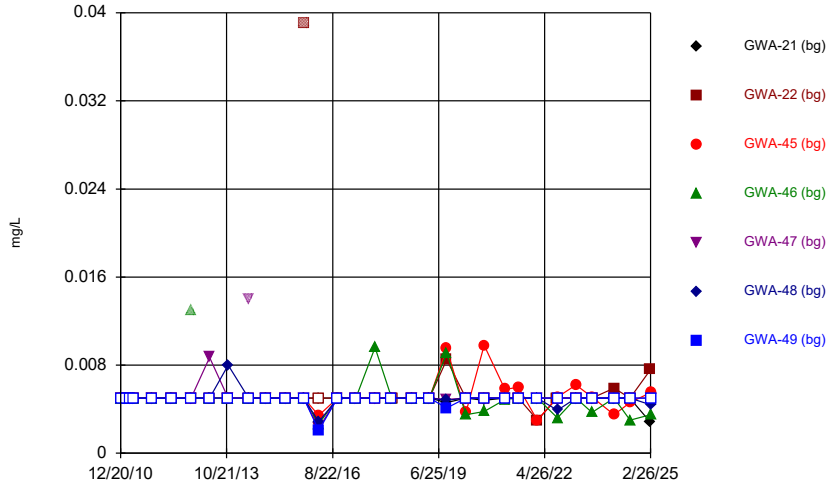
Time Series



Constituent: Vanadium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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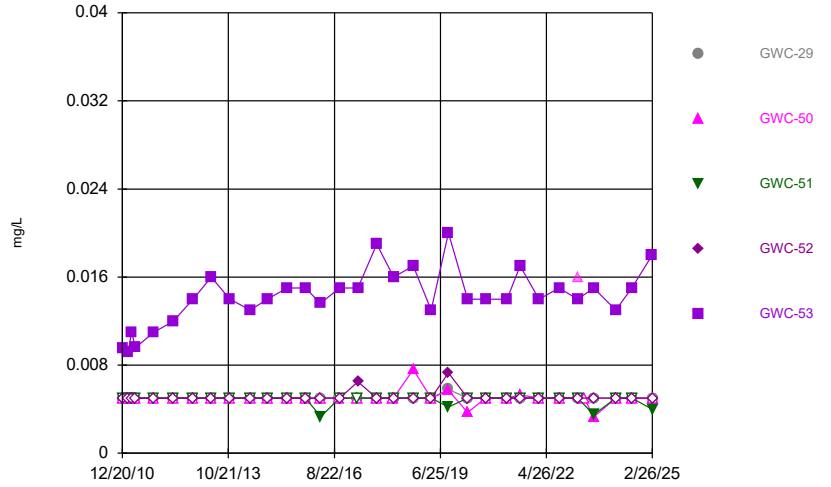
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	<0.002	<0.002		
12/21/2010						<0.002	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	<0.002		
2/14/2011	<0.002	<0.002	<0.002			<0.002	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					<0.002	<0.002	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					<0.002	<0.002	
10/25/2011						<0.002	
10/26/2011			<0.002		<0.002		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		<0.002	<0.002	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	<0.002	<0.002	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					<0.002	<0.002	<0.002
5/23/2014					<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			<0.002	<0.002			
5/21/2015	<0.002	<0.002			<0.002	<0.002	<0.002
11/12/2015					<0.002	<0.002	<0.002
11/13/2015	<0.002	<0.002	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002			<0.002		
6/14/2016	<0.002	<0.002	<0.002	0.0004 (J)	<0.002		<0.002
6/17/2016						<0.002	
8/9/2016		<0.002	<0.002	<0.002	<0.002		<0.002
8/10/2016	0.001 (J)					<0.002	
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			<0.002		<0.002
10/14/2016						<0.002	
12/2/2016	<0.002		<0.002	<0.002			<0.002
12/5/2016		<0.002			<0.002		
12/19/2016						<0.002	
2/9/2017			<0.002				<0.002
2/10/2017	<0.002	<0.002		<0.002	<0.002		
2/13/2017						<0.002	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
6/22/2017			<0.002		<0.002	<0.002	<0.002
6/23/2017	<0.002			<0.002			
6/26/2017		<0.002					
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002		<0.002		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
3/20/2020					<0.002		
9/10/2020	<0.002	<0.002					<0.002
9/11/2020			<0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	<0.002	<0.002	
4/6/2021							<0.002
8/12/2021	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002
2/15/2022		<0.002					
8/26/2022	<0.002	<0.002					
8/30/2022							<0.002
8/31/2022			<0.002	<0.002	0.00059 (JB)	0.00089 (JB)	
2/28/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
3/1/2023							<0.002
8/2/2023	<0.002						
8/3/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002						
3/4/2024		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/6/2024	<0.002						
8/8/2024		<0.002	<0.002	<0.002	<0.002	<0.002	
8/9/2024							<0.002
2/25/2025	<0.002	<0.002					
2/26/2025			<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	<0.002	<0.002	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002
4/11/2016	<0.002	<0.002	<0.002	<0.002	
6/15/2016	<0.002	<0.002			
6/16/2016			<0.002	<0.002	<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	<0.002
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
12/2/2016		<0.002			
12/5/2016	<0.002		<0.002	<0.002	
12/6/2016					<0.002
2/13/2017	<0.002	<0.002	<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
6/22/2017		<0.002			
6/23/2017	<0.002		<0.002		
6/24/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			<0.002	<0.002	<0.002
4/5/2021			<0.002	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	<0.002	<0.002		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	<0.002		<0.002	<0.002
2/15/2022			<0.002		
8/31/2022	<0.002	<0.002	0.00087 (JB)	<0.002	<0.002
2/28/2023			<0.002		<0.002
3/1/2023	<0.002	<0.002		<0.002	
8/3/2023	<0.002	<0.002	<0.002	<0.002	<0.002
3/4/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/25/2025					<0.002
2/26/2025	<0.002	<0.002	<0.002	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		0.00053 (J)
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			0.0015	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	0.00031 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	0.00035 (J)	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		0.00088 (J)	0.0011	0.0013	0.0011	0.00089 (J)	
8/9/2024							0.0011
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	0.0011 (J)
4/7/2017		0.00052 (J)			
4/10/2017	<0.001		<0.001		
4/11/2017				0.001 (J)	0.0013
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	0.0013	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		0.00031 (J)	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	0.0011	0.0011	<0.001	0.001	0.0011
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.024 (J)	0.019 (J)	0.029 (J)		
12/21/2010						0.055 (JO)	0.021 (J)
12/22/2010	0.026 (J)	0.028 (J)					
2/1/2011				0.017 (J)	0.038 (J)		
2/14/2011	0.022 (J)	0.025 (J)	0.023 (J)			0.05 (JO)	0.021 (J)
3/21/2011			0.021 (J)	0.019 (J)			0.021 (J)
3/22/2011	0.02 (J)	0.029 (J)					
3/23/2011					0.045 (J)	0.031 (J)	
4/26/2011	0.019 (I)	0.031 (I)	0.019 (I)	0.02 (I)			0.021 (I)
4/27/2011					0.043 (I)	0.015 (I)	
10/25/2011						0.02	
10/26/2011			0.023		0.023		0.019
10/27/2011	0.021	0.027		0.018			
5/1/2012	0.017	0.022	0.014		0.021	0.017	
5/2/2012				0.017			0.018
11/8/2012	0.023	0.024	0.034	0.048 (O)	0.038	0.012	0.018
5/7/2013	0.021	0.027		0.02	0.042	0.022	
5/8/2013			0.016				0.017
11/4/2013	0.018	0.024	0.014	0.019			
11/5/2013					0.039	0.012	0.019
5/23/2014					0.088 (O)	0.02	0.021
5/24/2014	0.022	0.025	0.027	0.019			
11/7/2014			0.03	0.019	0.027	0.012	0.019
11/8/2014	0.02	0.023					
5/20/2015			0.029	0.018			
5/21/2015	0.022	0.023			0.036	0.011	0.02
11/12/2015					0.038	0.012	0.019
11/13/2015	0.025	0.023	0.041	0.02			
4/6/2016	0.0239						
4/7/2016			0.0381	0.0207		0.0116	0.0201
4/8/2016		0.0244			0.0261		
6/14/2016	0.021	0.023	0.034	0.019	0.023		0.017
6/17/2016						0.012	
8/9/2016		0.026	0.032	0.017	0.026		0.017
8/10/2016	0.019					0.012	
10/10/2016			0.037	0.02			
10/11/2016	0.02	0.022			0.03		0.02
10/14/2016						0.016	
12/2/2016	0.022 (B)		0.038 (B)	0.02 (B)			0.02 (B)
12/5/2016		0.025			0.026		
12/19/2016						0.012	
2/9/2017			0.048				0.018
2/10/2017	0.03	0.026		0.018	0.023		
2/13/2017						0.017	
4/7/2017		0.021	0.045	0.02	0.024	0.011	0.018
4/10/2017	0.025						
6/22/2017			0.049		0.025	0.014	0.02
6/23/2017	0.026			0.021			
6/26/2017		0.028					
10/9/2017	0.025	0.021					
10/10/2017			0.044	0.018	0.022	0.012	0.02
3/22/2018			0.05		0.024		0.018

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.02		0.012	
3/26/2018	0.026	0.022					
10/3/2018	0.022 (O)	0.022	0.042			0.012	0.018
10/4/2018				0.019			
10/5/2018					0.026		
3/27/2019	0.024	0.022	0.057	0.021	0.026	0.013	0.019
9/12/2019	0.025	0.023	0.1 (O)	0.022	0.028	0.016	0.022
12/2/2019			0.11 (O)				
3/19/2020	0.027	0.024	0.11 (O)	0.023		0.02	0.02
3/20/2020					0.029		
9/10/2020	0.023	0.022					0.02
9/11/2020			0.15 (O)	0.022	0.026	0.013	
4/2/2021	0.02	0.023	0.11 (O)				
4/5/2021				0.022	0.028	0.015	
4/6/2021							0.02
8/12/2021	0.023	0.024	0.091	0.023		0.013	0.024
8/13/2021					0.026		
2/14/2022	0.024		0.077	0.024	0.029	0.014	0.022
2/15/2022		0.032					
8/26/2022	0.026	0.021					
8/30/2022							0.021
8/31/2022			0.065	0.022	0.031	0.016	
2/28/2023	0.022	0.02	0.056	0.022	0.027	0.014	
3/1/2023							0.019
8/2/2023	0.018						
8/3/2023		0.018	0.055	0.021	0.027 (B)	0.013 (B)	0.02
2/29/2024	0.021						
3/4/2024		0.022	0.057	0.022	0.032	0.015	0.019
8/6/2024	0.019						
8/8/2024		0.023	0.048	0.024	0.038	0.015	
8/9/2024							0.021
2/25/2025	0.019	0.024					
2/26/2025			0.052	0.023	0.031	0.014	0.019

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.11
12/21/2010				0.01 (J)	
12/22/2010	0.016 (J)	0.011 (J)	0.011 (J)		
2/14/2011					0.1
2/15/2011	0.016 (J)	0.013 (J)	0.013 (J)	0.0086 (J)	
3/21/2011				0.009 (J)	0.1
3/22/2011	0.014 (J)	0.01 (J)	0.01 (J)		
4/27/2011	0.016 (I)	0.011 (I)	0.011 (I)		0.091 (I)
4/28/2011				0.012 (I)	
10/26/2011	0.015	0.013	0.0099 (J)	0.0093 (J)	0.1
5/1/2012				0.0048 (I)	0.095
5/2/2012	0.012	0.0084 (I)	0.0085 (I)		
11/8/2012	0.015	0.012	0.01		
11/9/2012				0.0091 (J)	0.093
5/8/2013	0.014	0.013	0.0094 (J)	0.0096 (J)	0.077
11/4/2013	0.016	0.012	0.0094 (J)	0.012	0.083
5/24/2014	0.015	0.012	0.0094 (J)	0.011	0.07
11/7/2014	0.016		0.0094 (J)	0.011	0.065
11/8/2014		0.01			
5/20/2015					0.058
5/22/2015	0.015	0.011	0.0092 (J)	0.011	
11/13/2015	0.016	0.011	0.0095 (J)	0.011	0.058
4/8/2016					0.0619
4/11/2016	0.0167	0.0132	0.0105	0.012	
6/15/2016	0.015	0.011			
6/16/2016			0.0089 (J)	0.011	0.052
8/10/2016	0.015	0.012	0.0082		
8/11/2016				0.012 (B)	0.044 (B)
10/11/2016	0.017	0.012			
10/13/2016			0.0088	0.012	0.049
12/2/2016		0.012 (B)			
12/5/2016	0.017		0.01	0.013	
12/6/2016					0.047
2/13/2017	0.016	0.013	0.0097	0.012	0.05
4/7/2017		0.01			
4/10/2017	0.015		0.0082		
4/11/2017				0.012	0.053
6/22/2017		0.012			
6/23/2017	0.017		0.01		
6/24/2017				0.013	0.054
10/10/2017	0.016	0.011			
10/11/2017			0.0092	0.012	0.05
3/23/2018		0.011			
3/26/2018	0.015		0.0094	0.013	0.05
10/4/2018	0.018	0.012	0.0093	0.013	0.042
3/27/2019			0.011		
3/28/2019	0.017	0.012		0.014	0.045
9/12/2019	0.019	0.013	0.011	0.017	0.043
3/19/2020	0.019	0.013	0.011	0.018	0.047
9/10/2020	0.02	0.013			
9/11/2020			0.01	0.017	0.044
4/5/2021			0.01	0.019	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	0.018	0.013			0.041
8/13/2021	0.021	0.029	0.019		0.038
8/17/2021				0.02	
2/14/2022	0.02	0.018		0.021	0.042
2/15/2022			0.011		
8/31/2022	0.025	0.015	0.011	0.022	0.036
2/28/2023			0.01		0.039
3/1/2023	0.02	0.038		0.023	
8/3/2023	0.019 (B)	0.013	0.011	0.021	0.033
3/4/2024	0.025	0.014	0.011	0.025	0.036
8/8/2024	0.02	0.014	0.012	0.029	0.036
2/25/2025					0.032
2/26/2025	0.018	0.014	0.011	0.033	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025		<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	0.00019 (J)	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/6/2024	<0.0025						
8/8/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
8/9/2024							<0.0025
2/25/2025	<0.0025	<0.0025					
2/26/2025			0.00022 (J)	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			2E-05 (J)	<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023			<0.0025		<0.0025
3/1/2023	<0.0025	<0.0025		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025					<0.0025
2/26/2025	<0.0025	<0.0025	<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	<0.08						
4/7/2016			0.0657 (J)	<0.08		<0.08	<0.08
4/8/2016		<0.08			<0.08		
6/14/2016	0.0012 (J)	0.0029 (JB)	0.12	<0.08	0.00079 (J)		<0.08
6/17/2016						0.0049 (JB)	
8/9/2016		<0.08	0.22	<0.08	<0.08		<0.08
8/10/2016	<0.08					<0.08	
10/10/2016			0.52	<0.08			
10/11/2016	<0.08	<0.08			<0.08		<0.08
10/14/2016						<0.08	
12/2/2016	<0.08		0.65	<0.08			<0.08
12/5/2016		<0.08			<0.08		
12/19/2016						<0.08	
2/9/2017			0.57				<0.08
2/10/2017	<0.08	<0.08		<0.08	<0.08		
2/13/2017						<0.08	
4/7/2017		<0.08	0.5	<0.08	<0.08	<0.08	<0.08
4/10/2017	<0.08						
6/22/2017			0.48		<0.08	<0.08	<0.08
6/23/2017	<0.08			<0.08			
6/26/2017		<0.08					
10/9/2017	<0.08	<0.08					
10/10/2017			0.79	<0.08	<0.08	<0.08	<0.08
3/22/2018			0.66		<0.08		<0.08
3/23/2018				<0.08		<0.08	
3/26/2018	<0.08	<0.08					
10/3/2018	<0.08	<0.08	0.89			<0.08	<0.08
10/4/2018				<0.08			
10/5/2018					<0.08		
3/27/2019	<0.08	<0.08	0.74	<0.08	<0.08	<0.08	<0.08
9/12/2019	0.053	<0.08	0.91	<0.08	<0.08	<0.08	<0.08
3/19/2020	<0.08	<0.08	0.86	<0.08		<0.08	<0.08
3/20/2020					<0.08		
9/10/2020	<0.08	<0.08					<0.08
9/11/2020			1	<0.08	<0.08	<0.08	
4/2/2021	<0.08	<0.08	1.1				
4/5/2021				<0.08	<0.08	0.044 (J)	
4/6/2021							<0.08
8/12/2021	<0.08	<0.08	1.1	<0.08		<0.08	<0.08
8/13/2021					<0.08		
2/14/2022	<0.08		0.86	<0.08	<0.08	<0.08	<0.08
2/15/2022		<0.08					
8/26/2022	<0.08	<0.08					
8/30/2022							<0.08
8/31/2022			1.2	<0.08	<0.08	<0.08	
2/28/2023	<0.08	0.19	1.1	0.11	0.034 (J)	0.12	
3/1/2023							<0.08
8/2/2023	<0.08						
8/3/2023		<0.08	1.1	0.027 (J)	<0.08	0.023 (J)	<0.08
2/29/2024	<0.08						
3/4/2024		0.033 (J)	0.98	0.022 (J)	<0.08	<0.08	<0.08
8/6/2024	<0.08						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<0.08	1.2	<0.08	<0.08	<0.08	
8/9/2024							0.022 (J)
2/25/2025	<0.08	<0.08					
2/26/2025			1	<0.08	<0.08	<0.08	<0.08

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					0.824
4/11/2016	<0.08	<0.08	<0.08	<0.08	
6/15/2016	0.0021 (J)	<0.08			
6/16/2016			0.0034 (JB)	0.0013 (JB)	0.8 (J)
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	0.97
10/11/2016	<0.08	<0.08			
10/13/2016			<0.08	<0.08	0.94
12/2/2016		<0.08			
12/5/2016	<0.08		<0.08	<0.08	
12/6/2016					1
2/13/2017	<0.08	<0.08	<0.08	<0.08	0.97
4/7/2017		<0.08			
4/10/2017	<0.08		<0.08		
4/11/2017				<0.08	0.88
6/22/2017		<0.08			
6/23/2017	<0.08		<0.08		
6/24/2017				<0.08	0.87
10/10/2017	<0.08	<0.08			
10/11/2017			<0.08	<0.08	1.1
3/23/2018		<0.08			
3/26/2018	<0.08		<0.08	<0.08	0.91
10/4/2018	<0.08	<0.08	<0.08	<0.08	0.92
3/27/2019			<0.08		
3/28/2019	<0.08	<0.08		<0.08	0.97
9/12/2019	<0.08	<0.08	<0.08	<0.08	0.94
3/19/2020	<0.08	<0.08	<0.08	<0.08	1
9/10/2020	<0.08	<0.08			
9/11/2020			<0.08	<0.08	0.97
4/5/2021			<0.08	<0.08	
4/6/2021	<0.08	<0.08			0.97
8/13/2021	<0.08	<0.08	<0.08		0.94
8/17/2021				<0.08	
2/14/2022	<0.08	<0.08		<0.08	1
2/15/2022			<0.08		
8/31/2022	<0.08	<0.08	<0.08	<0.08	1
2/28/2023			0.08		0.91
3/1/2023	0.075 (J)	0.95 (o)		<0.08	
8/3/2023	0.025 (J)	<0.08	<0.08	<0.08	0.97
3/4/2024	<0.08	<0.08	0.036 (J)	0.023 (J)	0.97
8/8/2024	<0.08	<0.08	<0.08	0.023 (J)	1.2
2/25/2025					1.1
2/26/2025	<0.08	<0.08	0.022 (J)	0.028 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	0.0016 (J)	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025		<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	<0.0025	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/6/2024	<0.0025						
8/8/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
8/9/2024							<0.0025
2/25/2025	<0.0025	<0.0025					
2/26/2025			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	7.4E-05 (J)			
6/16/2016			<0.0025	0.00017 (J)	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023			<0.0025		<0.0025
3/1/2023	<0.0025	<0.0025		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025					9E-05 (J)
2/26/2025	<0.0025	<0.0025	<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	9.27						
4/7/2016			38.4	6.57		12.6	15.3
4/8/2016		8.6			10.7		
6/14/2016	8.2	6.8	32.9	5.5	11.3		14.2
6/17/2016						12.4	
8/9/2016		6.2	29	4.6	9.6		13
8/10/2016	6.9					11	
10/10/2016			33	5.3			
10/11/2016	7.6	6.2			11		14
10/14/2016						13	
12/2/2016	7.4		33	5.1			13
12/5/2016		5.5			10		
12/19/2016						11	
2/9/2017			42				14
2/10/2017	11	7.8		5.8	11		
2/13/2017						13	
4/7/2017		7.3	35	5.2	10	12	14
4/10/2017	9.7						
6/22/2017			38		11	13	14
6/23/2017	9.2			5.7			
6/26/2017		6.8					
10/9/2017	9.4	5.8					
10/10/2017			40	5.8	11	13	15
3/22/2018			39		11		14
3/23/2018				6.6		13	
3/26/2018	9.3	8.7					
10/3/2018	7.8	6.1	41			12	14
10/4/2018				5.4			
10/5/2018					11		
3/27/2019	9.5	7.1	39	6.1	11	13	15
9/12/2019	8.8	6.1	36	5.7	12	13	14
3/19/2020	11	9.7	45	6.7		14	15
3/20/2020					12		
9/10/2020	8.2	5.9					14
9/11/2020			30	5.5	11	12	
4/2/2021	9.2	9	29				
4/5/2021				7	13	13	
4/6/2021							16
8/12/2021	7.2	6	26	6.1		12	14
8/13/2021					11		
2/14/2022	8		26	5.9	11	11	13
2/15/2022		9.6					
8/26/2022	6.8	7.8					
8/30/2022							14
8/31/2022			23	5.7	12	12	
2/28/2023	8.1	11	23	6.6	13	13	
3/1/2023							15
8/2/2023	6.4						
8/3/2023		9.6	23	6.4	13	12	15
2/29/2024	6.7						
3/4/2024		11	25	6.8	15	13	14
8/6/2024	6						

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		7.8	20	6.9	17	13	
8/9/2024							16
2/25/2025	5.8	11					
2/26/2025			26	6.1	14	12	14

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					17.5
4/11/2016	9.7	7.04	6.9	12.8	
6/15/2016	9.5	7.4			
6/16/2016			7.6	14.3	18.4
8/10/2016	8.5	6.7	5.7		
8/11/2016				11	13
10/11/2016	9.3	6.9			
10/13/2016			6.7	13	15
12/2/2016		6.5			
12/5/2016	9		6.4	12	
12/6/2016					15
2/13/2017	9.2	7.9	6.2	13	16
4/7/2017		6.5			
4/10/2017	9.2		6.2		
4/11/2017				13	17
6/22/2017		6.8			
6/23/2017	9.8		6.6		
6/24/2017				13	17
10/10/2017	10	7.3			
10/11/2017			6.9 (B)	15 (B)	19 (B)
3/23/2018		7.5			
3/26/2018	11		7	15	19
10/4/2018	10	6.7	6.4	14	17
3/27/2019			7		
3/28/2019	11	7.2		15	18
9/12/2019	12	7.5	7.1	17	18
3/19/2020	16	7.9	7.1	19	19
9/10/2020	15	7.5			
9/11/2020			7	18	19
4/5/2021			8	21	
4/6/2021	17	7.7			19
8/13/2021	15	7.2	7		17
8/17/2021				22	
2/14/2022	16	6.5		18	16
2/15/2022			6.4		
8/31/2022	17	7.1	7.2	21	17
2/28/2023			7.6		18
3/1/2023	19	20 (o)		25	
8/3/2023	18	8	8.2	24	18
3/4/2024	18	7.9	8.1	28	19
8/8/2024	19	7.6	9	30	22
2/25/2025					20
2/26/2025	18	7.5	8.1	27	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	3.034						
4/7/2016			8.05	2.914		1.842	2.285
4/8/2016		2.1			1.57		
6/14/2016	3.1	4.2	9.3 (D)	3.1	1.7		2.3
6/17/2016						1.9 (BD)	
8/9/2016		5	10	3.2	1.5		2.3
8/10/2016	2.7					1.8	
10/10/2016			10	3			
10/11/2016	2.7	3.8			1.6		2.1
10/14/2016						1.7	
12/2/2016	2.5		10	3			2
12/5/2016		3.6			1.5		
12/19/2016						2.7 (O)	
2/9/2017			9.4				2.1
2/10/2017	3.4	2.2		2.7	1.5		
2/13/2017						1.8	
4/7/2017		2.2	9.9	2.9	1.4	1.7	2
4/10/2017	3.6						
6/22/2017			9.7		1.4	1.7	2
6/23/2017	3.2			3.3			
6/26/2017		3.4					
10/9/2017	3.5	3.4					
10/10/2017			9.8	3.5	1.4	1.6	2
3/22/2018			9.7		1.3		1.9
3/23/2018				3.6		1.6	
3/26/2018	3.8	1.9					
10/3/2018	4	2.9	10			1.6	2
10/4/2018				3.9			
10/5/2018					1.4		
3/27/2019	2.9	2	9.6	3.7	1.2	1.5	1.9
9/12/2019	3.4	2.5	10	4.3	1.4	1.7	1.9
3/19/2020	3.9	2.2	9.9	4.5		1.9	2.2
3/20/2020					1.7 (F1)		
9/10/2020	3.7	2.5					2.1
9/11/2020			12	4.7	1.6	1.8	
4/2/2021	3.7	1.8	13				
4/5/2021				5.3	1.8	2	
4/6/2021							2.1
8/12/2021	4.1	2.7	13	5.5		1.8	2.2
8/13/2021					1.8		
2/14/2022	4		10	5	1.5	1.8	2
2/15/2022		1.8					
8/26/2022	3.6	2					
8/30/2022							2.2
8/31/2022			13	5.1	1.5	1.6	
2/28/2023	3.6	1.8	13	5.2	1.7	1.8	
3/1/2023							2.1
8/2/2023	3.4						
8/3/2023		1.8	13	5.2	1.6	1.7	1.9
2/29/2024	3.7						
3/4/2024		1.8	14	5.4	1.8	1.8	2
8/6/2024	3.2						

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		1.9	27 (o)	5.5	1.7	1.8	
8/9/2024							2
11/7/2024			13				
2/25/2025	3	1.8					
2/26/2025			12	5.8	1.8	2	2.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					10.065
4/11/2016	1.57 (O)	2.09	2.09 (O)	<0.25 (O)	
6/15/2016	3.9	2.1			
6/16/2016			6.3	7.4	9.4
8/10/2016	4	2	6.9		
8/11/2016				8.3	10
10/11/2016	3.7	1.9			
10/13/2016			6.5	7.8	9.9
12/2/2016		1.9			
12/5/2016	3.6		6.6	8.1	
12/6/2016					10
2/13/2017	3.4	1.9	6.7	8	10
4/7/2017		2			
4/10/2017	3.5		6.7		
4/11/2017				7.6	10
6/22/2017		1.9			
6/23/2017	3.4		6.6		
6/24/2017				8.3	10
10/10/2017	3.3	1.9			
10/11/2017			6.5	7.9	10
3/23/2018		1.9			
3/26/2018	3.1		6.6	7.8	11
10/4/2018	3.1	1.9	6.9	8.1	12
3/27/2019			7		
3/28/2019	2.8	1.8		7.5	12
9/12/2019	3	1.8	6.8	7.7	11
3/19/2020	3.4	2.1	7.3	8.2	13
9/10/2020	3.3	2.1			
9/11/2020			7.7	7.9	12
4/5/2021			7.8	8.2	
4/6/2021	3.3	1.9			13
8/13/2021	3.7	2.1	8		13
8/17/2021				8.3	
2/14/2022	3.8	1.9		7.6	12
2/15/2022			7.6		
8/31/2022	3.5	1.6	7.7	7.6	13
2/28/2023			7.9		13
3/1/2023	3.9	14 (o)		8	
5/2/2023		1.7			
8/3/2023	3.3	1.6	7.8	7.6	14
10/4/2023					15
3/4/2024	3.4	1.9	8.4	8.1	15
5/20/2024					13
8/8/2024	3.2	1.8	8	4.3 (J)	29 (o)
11/7/2024					14
2/25/2025					14
2/26/2025	3.3	1.9	8.7	8.6	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	0.0036 (J)	0.0064		
12/21/2010						0.0094	0.0073
12/22/2010	0.0052	0.0029 (J)					
2/1/2011				0.0037 (J)	0.015		
2/14/2011	0.0057	0.0027 (J)	<0.002			0.028	0.0051
3/21/2011			<0.002	0.004 (J)			0.0067
3/22/2011	0.0055	0.0049 (J)					
3/23/2011					0.0084	0.0042 (J)	
4/26/2011	0.0069	0.0048 (I)	<0.002	0.0037 (I)			0.0065
4/27/2011					0.011	<0.005	
10/25/2011						0.0062	
10/26/2011			<0.002		0.0061		0.0068
10/27/2011	0.011	0.0023 (J)		0.0047 (J)			
5/1/2012	0.0056	0.0051	<0.002		0.0072	0.011	
5/2/2012				0.005			0.011
11/8/2012	<0.002	0.0034 (J)	<0.002	0.0081	0.015	0.0089	0.0052
5/7/2013	0.0036 (J)	0.0078		0.0035 (J)	0.044	0.019	
5/8/2013			<0.002				0.0059
11/4/2013	0.0032 (JV)	0.0055 (JV)	<0.002	0.0056 (JV)			
11/5/2013					0.023	0.0057 (JV)	0.0044 (JV)
5/23/2014					0.022	0.0084 (J)	0.0087 (J)
5/24/2014	0.0043 (J)	0.0075 (J)	<0.002	0.005 (J)			
11/7/2014			<0.002	0.004 (J)	0.013	0.011	0.0048 (J)
11/8/2014	<0.002	0.0048 (J)					
5/20/2015			0.0025 (J)	0.0062 (J)			
5/21/2015	0.002 (J)	0.0082 (J)			0.029	0.013	0.006 (J)
11/12/2015					0.045	0.015	0.007 (J)
11/13/2015	<0.002	0.0079 (J)	0.0042 (J)	0.0067 (J)			
4/6/2016	0.00278 (J)						
4/7/2016			<0.002	0.00467 (J)		0.00498 (J)	0.0056 (J)
4/8/2016		0.00878 (J)			0.00752 (J)		
6/14/2016	0.0014 (J)	0.0071 (J)	0.00055 (J)	0.0041 (J)	0.007 (J)		0.0048 (J)
6/17/2016						0.004 (J)	
8/9/2016		0.0079	<0.002	0.0041	0.008		0.0053
8/10/2016	0.0019 (J)					0.0047	
10/10/2016			<0.002	0.0041			
10/11/2016	0.0024 (J)	0.0069			0.0079		0.0058
10/14/2016						0.0056	
12/2/2016	0.0023 (J)		<0.002	0.0039			0.0071
12/5/2016		0.0077			0.0057		
12/19/2016						0.0039	
2/9/2017			<0.002				0.0051
2/10/2017	0.0021 (J)	0.0098		0.0044	0.0062		
2/13/2017						0.0059	
4/7/2017		0.0081	<0.002	0.0046	0.0072	0.0051	0.006
4/10/2017	0.002 (J)						
6/22/2017			<0.002		0.0074	0.005	0.0056
6/23/2017	0.0018 (J)			0.005			
6/26/2017		0.0084					
10/9/2017	0.0016 (J)	0.0082					
10/10/2017			<0.002	0.0088	0.0072	0.005	0.0073
3/22/2018			<0.002		0.0074		0.0051

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.0045		0.005	
3/26/2018	0.0011 (J)	0.0088					
10/3/2018	0.0014 (J)	0.0086	<0.002			0.0051	0.0052
10/4/2018				0.0047			
10/5/2018					0.0083		
3/27/2019	0.003	0.0078	<0.002	0.0048	0.0081	0.0051	0.0056
9/12/2019	0.0047 (B)	0.0092 (B)	<0.002	0.0051 (B)	0.0088 (B)	0.0085 (B)	0.0075 (B)
3/19/2020	0.0026	0.011	<0.002	0.0043		0.0063	0.0055
3/20/2020					0.0085		
9/10/2020	0.0019 (J)	0.0077					0.0063
9/11/2020			<0.002	0.0042	0.0081	0.0053	
4/2/2021	0.0029	0.01	<0.002				
4/5/2021				0.0041	0.0084	0.0061	
4/6/2021							0.0055
8/12/2021	0.0016 (J)	0.008	<0.002	0.0045		0.0058	0.0096
8/13/2021					0.0082		
2/14/2022	0.0026		<0.002	0.0047	0.0086	0.0058	0.0076
2/15/2022		0.013					
8/26/2022	0.0016 (J)	0.0078					
8/30/2022							0.0064
8/31/2022			<0.002	0.0048	0.0084	0.0059	
2/28/2023	0.0024	0.01	<0.002	0.0047	0.0084	0.0058	
3/1/2023							0.0057
8/2/2023	0.0028						
8/3/2023		0.0089	0.0012 (J)	0.0053	0.0092	0.0056	0.0065
2/29/2024	0.0021						
3/4/2024		0.011	0.0016 (J)	0.0048	0.01	0.0063	0.006
8/6/2024	0.0021						
8/8/2024		0.013	<0.002	0.006	0.012	0.0061	
8/9/2024							0.0059
2/25/2025	<0.002	0.01					
2/26/2025			0.0012 (J)	0.0048	0.01	0.0061	0.0057

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				0.01	
12/22/2010	0.0026 (J)	0.0034 (J)	0.0036 (J)		
2/14/2011					<0.002
2/15/2011	<0.002	0.0034 (J)	0.0038 (J)	0.0087	
3/21/2011				0.0083	<0.002
3/22/2011	<0.002	0.0037 (J)	0.0022 (J)		
4/27/2011	0.002 (I)	0.0038 (I)	0.0042 (I)		<0.002
4/28/2011				0.0076	
10/26/2011	0.002 (J)	0.0039 (J)	0.0042 (J)	0.0078	0.0033 (J)
5/1/2012				0.0049 (I)	0.0025 (I)
5/2/2012	<0.002	0.0044 (I)	0.0037 (I)		
11/8/2012	<0.002	0.0026 (J)	<0.01		
11/9/2012				0.0066	<0.002
5/8/2013	<0.002	0.0038 (J)	0.0032 (J)	0.0082	<0.002
11/4/2013	0.0027 (JV)	0.0063 (JV)	0.0063 (JV)	0.013 (V)	0.0035 (JV)
5/24/2014	0.0027 (J)	0.0061 (J)	0.003 (J)	0.012	0.0027 (J)
11/7/2014	<0.002		<0.01	0.0084 (J)	<0.002
11/8/2014		<0.002			
5/20/2015					0.0021 (J)
5/22/2015	0.0034 (J)	0.0037 (J)	0.0023 (J)	0.0096 (J)	
11/13/2015	0.0038 (J)	0.0055 (J)	0.0042 (J)	0.011	0.0041 (J)
4/8/2016					0.0053 (J)
4/11/2016	<0.002	0.00479 (J)	0.00309 (J)	0.0101	
6/15/2016	0.0015 (J)	0.0041 (J)			
6/16/2016			0.0025 (J)	0.01	0.0014 (J)
8/10/2016	0.0014 (J)	0.0047	0.0023 (J)		
8/11/2016				0.0097	0.0013 (J)
10/11/2016	0.0017 (J)	0.0048			
10/13/2016			0.0028	0.012	0.0018 (J)
12/2/2016		0.0043			
12/5/2016	0.0014 (J)		0.0032	0.012	
12/6/2016					0.0014 (J)
2/13/2017	0.0016 (J)	0.0047	0.0021 (J)	0.011	0.0021 (J)
4/7/2017		0.0044			
4/10/2017	0.0014 (J)		0.0022 (J)		
4/11/2017				0.011	0.0012 (J)
6/22/2017		0.0045			
6/23/2017	0.0014 (J)		0.0025		
6/24/2017				0.0095	0.0017 (J)
10/10/2017	0.0039	0.005			
10/11/2017			0.0027	0.0096	0.0013 (J)
3/23/2018		0.0042			
3/26/2018	0.0013 (J)		0.0028	0.012	0.0014 (J)
10/4/2018	0.0014 (J)	0.005	0.0041	0.016	<0.002
3/27/2019			0.0044		
3/28/2019	0.0012 (J)	0.0043		0.019	<0.002
9/12/2019	0.0021 (JB)	0.006 (B)	0.0043 (B)	0.027 (B)	0.002 (JB)
3/19/2020	<0.002	0.0047	0.0032	0.029	<0.002
9/10/2020	<0.002	0.0047			
9/11/2020			0.0041	0.028	0.0023
4/5/2021			0.0054	0.031	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	0.0044			<0.002
8/13/2021	<0.002	0.0089	0.0087		0.0019 (J)
8/17/2021				0.034	
2/14/2022	<0.002	0.0046		0.036	0.0018 (J)
2/15/2022			0.0054		
8/31/2022	<0.002	0.004	0.0047	0.038	0.002
2/28/2023			0.0047		0.003
3/1/2023	<0.002	<0.002		0.038	
8/3/2023	<0.002	0.0042	0.0063	0.035	<0.002
3/4/2024	0.0012 (J)	0.0042	0.0064	0.033	0.0013 (J)
8/8/2024	0.0012 (J)	0.0037	0.0064	0.033	<0.002
2/25/2025					<0.002
2/26/2025	<0.002	0.0032	0.0078	0.026	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.012 (o)	<0.0025	0.0033 (JO)		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	0.0038 (JO)					
2/1/2011				<0.0025	0.003 (J)		
2/14/2011	<0.0025	<0.0025	0.0093 (Jo)			<0.0025	<0.0025
3/21/2011			0.0076 (Jo)	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	0.0058 (Io)	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			0.005 (Jo)		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	0.0032 (I)		<0.0025	0.0039 (O)	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	0.0034 (J)	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					0.0048 (JO)	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	6.6E-05 (J)	0.00042 (J)	0.0031 (J)	3.8E-05 (J)	4.2E-05 (J)		<0.0025
6/17/2016						0.00017 (J)	
8/9/2016		0.00068 (J)	0.0023 (J)	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			0.0024 (J)	<0.0025			
10/11/2016	0.00047 (J)	<0.0025			0.00052 (J)		<0.0025
10/14/2016						<0.0025	
12/2/2016	0.0014 (J)		0.0021 (J)	<0.0025			0.0004 (J)
12/5/2016		0.0012 (J)			<0.0025		
12/19/2016						<0.0025	
2/9/2017			0.00096 (J)				<0.0025
2/10/2017	0.00052 (J)	0.0013 (J)		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	0.0034	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			0.0029		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		0.00073 (J)					
10/9/2017	0.00053 (J)	<0.0025					
10/10/2017			0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			0.0015 (J)		<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	0.00088 (J)	<0.0025					
10/3/2018	0.0014 (J)	<0.0025	0.0018 (J)			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	0.00083 (J)	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	0.0004 (J)	<0.0025	0.0018 (J)	9.5E-05 (J)	0.00011 (J)	<0.0025	0.00017 (J)
3/19/2020	0.00015 (J)	<0.0025	0.0005 (J)	0.00025 (J)		0.00029 (J)	<0.0025
3/20/2020					<0.0025		
9/10/2020	0.00019 (J)	0.00014 (J)					0.0002 (J)
9/11/2020			0.0035	<0.0025	<0.0025	<0.0025	
4/2/2021	0.00016 (J)	0.00026 (J)	0.002 (J)				
4/5/2021				<0.0025	0.00017 (J)	0.00019 (J)	
4/6/2021							<0.0025
8/12/2021	0.00028 (J)	0.00015 (J)	0.0024 (J)	<0.0025		<0.0025	0.00072 (J)
8/13/2021					<0.0025		
2/14/2022	<0.0025		0.00059 (J)	<0.0025	<0.0025	<0.0025	0.00039 (J)
2/15/2022		0.00054 (J)					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			0.0012 (JB)	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	0.00097 (J)	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	0.0004 (J)	<0.0025	<0.0025	<0.0025	<0.0025
8/6/2024	0.00056 (J)						
8/8/2024		<0.0025	0.0012 (J)	<0.0025	<0.0025	<0.0025	
8/9/2024							<0.0025
2/25/2025	0.00023 (J)	<0.0025					
2/26/2025			0.00072 (J)	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0051 (J)
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					0.0038 (J)
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	0.0037 (J)
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	0.0046 (J)
5/1/2012				<0.0025	0.0043 (I)
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	0.007 (J)
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0047 (J)
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0096 (J)
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	0.0097 (J)
11/7/2014	<0.0025		<0.0025	<0.0025	0.012
11/8/2014		<0.0025			
5/20/2015					0.011
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	0.013
4/8/2016					0.00315 (J)
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			3.8E-05 (J)	7E-05 (J)	0.0062 (J)
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	0.0092
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	0.0045
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					0.0043
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	0.011
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	0.012
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	0.011
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	0.016
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	0.0069
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	0.016
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	0.011
9/12/2019	<0.0025	<0.0025	0.00012 (J)	<0.0025	0.011
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.0083
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	0.002 (J)
4/5/2021			0.0002 (J)	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			0.0062
8/13/2021	0.00015 (J)	0.00074 (J)	0.00059 (J)		0.015
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	0.011
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	0.014 (B)
2/28/2023			<0.0025		0.0038
3/1/2023	<0.0025	0.01		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	0.013
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	0.0067
8/8/2024	<0.0025	<0.0025	<0.0025	<0.0025	0.01
2/25/2025					0.012
2/26/2025	<0.0025	<0.0025	<0.0025	<0.0025	

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.0021 (J)	<0.002	0.0065 (J)		
12/21/2010						0.0084 (J)	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	0.018		
2/14/2011	<0.002	<0.002	<0.002			0.013 (O)	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					0.022	0.0061 (J)	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					0.02	<0.002	
10/25/2011						0.002 (J)	
10/26/2011			<0.002		0.0025 (J)		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		0.0022 (I)	0.0027 (I)	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	0.0034 (J)	0.021 (O)	0.015	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	0.02	0.0039 (J)	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					0.014	<0.002	<0.002
5/23/2014					0.06 (O)	0.0029 (J)	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			0.002 (J)	<0.002	0.0032 (J)	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			0.0024 (J)	<0.002			
5/21/2015	0.0028 (JO)	0.003 (J)			0.017 (JV)	0.0031 (J)	<0.002
11/12/2015					0.01 (J)	<0.002	<0.002
11/13/2015	<0.002	0.078 (O)	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002			<0.002		
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			0.0051		<0.002
10/14/2016						0.0024 (J)	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002		<0.002		<0.002
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	0.00083 (J)	<0.002
3/19/2020	<0.002	<0.002	0.00072 (J)	<0.002		0.0022	<0.002
3/20/2020					0.0011 (J)		
9/10/2020	0.0023	<0.002					<0.002
9/11/2020			0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	0.0019 (J)	0.00093 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.002
8/12/2021	0.00066 (J)	<0.002	<0.002	<0.002		<0.002	0.0031
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	0.0014 (J)
2/15/2022		0.0015 (J)					
8/26/2022	<0.002	<0.002					
8/30/2022							<0.002
8/31/2022			<0.002	<0.002	<0.002	<0.002	
2/28/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
3/1/2023							0.0011 (J)
8/2/2023	<0.002						
8/3/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002						
3/4/2024		0.0025	0.0068	<0.002	<0.002	<0.002	<0.002
8/6/2024	<0.002						
8/8/2024		<0.002	<0.002	<0.002	<0.002	<0.002	
8/9/2024							<0.002
2/25/2025	<0.002	<0.002					
2/26/2025			<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	0.0031 (JO)	0.0031 (JO)	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002
4/11/2016	<0.002	<0.002	<0.002	<0.002	
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			0.0013 (J)	<0.002	<0.002
4/5/2021			<0.002	<0.002	
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	0.0046	0.0025		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	0.0013 (J)		<0.002	<0.002
2/15/2022			<0.002		
8/31/2022	<0.002	<0.002	<0.002	<0.002	<0.002
2/28/2023			<0.002		<0.002
3/1/2023	<0.002	<0.002		<0.002	
8/3/2023	<0.002	<0.002	0.0012 (J)	<0.002	<0.002
3/4/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2024	<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					<0.002
2/26/2025	<0.002	<0.002	<0.002	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.035 (J)						
4/7/2016			0.035 (J)	0.024 (J)		0.044 (J)	0.041 (J)
4/8/2016		0.042 (J)			0.047 (J)		
6/14/2016	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
6/17/2016						<0.1 (D)	
8/9/2016		<0.1	<0.1	<0.1	<0.1		<0.1
8/10/2016	<0.1					<0.1	
10/10/2016			<0.1	<0.1			
10/11/2016	<0.1	<0.1			<0.1		<0.1
10/14/2016						<0.1	
12/2/2016	<0.1		<0.1	<0.1			<0.1
12/5/2016		<0.1			<0.1		
12/19/2016						0.1 (J)	
2/9/2017			<0.1				<0.1
2/10/2017	<0.1	<0.1		<0.1	<0.1		
2/13/2017						<0.1	
4/7/2017		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4/10/2017	<0.1						
6/22/2017			<0.1		<0.1	<0.1	<0.1
6/23/2017	<0.1			<0.1			
6/26/2017		<0.1					
10/9/2017	<0.1	<0.1					
10/10/2017			<0.1	<0.1	<0.1	<0.1	<0.1
3/22/2018			<0.1		<0.1		<0.1
3/23/2018				<0.1		<0.1	
3/26/2018	<0.1	<0.1					
10/3/2018	<0.1	<0.1	<0.1			<0.1	<0.1
10/4/2018				<0.1			
10/5/2018					<0.1		
3/27/2019	0.035 (J)	0.036 (J)	<0.1	0.033 (J)	0.041 (J)	0.04 (J)	0.037 (J)
9/12/2019	0.04 (J)	0.043 (J)	0.026 (J)	<0.1	0.041 (J)	0.044 (J)	0.042 (J)
3/19/2020	0.059 (J)	0.054 (J)	0.041 (J)	<0.1		0.049 (J)	0.044 (J)
3/20/2020					<0.1		
9/10/2020	0.044 (J)	0.034 (J)					0.036 (J)
9/11/2020			<0.1	<0.1	0.034 (J)	0.035 (J)	
4/2/2021	0.028 (J)	0.032 (J)	<0.1				
4/5/2021				0.039 (J)	0.038 (J)	0.031 (J)	
4/6/2021							0.03 (J)
8/12/2021	0.04 (J)	0.028 (J)	<0.1	0.11		0.052 (J)	0.058 (J)
8/13/2021					0.09 (J)		
2/14/2022	0.058 (J)		0.052 (J)	0.05 (J)	0.068 (J)	0.056 (J)	0.07 (J)
2/15/2022		0.088 (J)					
8/26/2022	0.092 (J)	0.028 (J)					
8/30/2022							0.044 (J)
8/31/2022			0.033 (J)	0.033 (J)	0.056 (J)	0.053 (J)	
2/28/2023	0.076 (J)	0.071 (J)	0.069 (J)	0.05 (J)	0.059 (J)	0.079 (J)	
3/1/2023							0.036 (J)
8/2/2023	0.044 (J)						
8/3/2023		0.042 (J)	<0.1	<0.1	0.047 (J)	0.045 (J)	0.044 (J)
2/29/2024	<0.1						
3/4/2024		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
8/6/2024	<0.1						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<0.1	<0.1	<0.1	<0.1	<0.1	
8/9/2024							<0.1
2/25/2025	<0.1	<0.1					
2/26/2025			<0.1	<0.1	<0.1	<0.1	<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					<0.1
4/11/2016	0.033 (J)	0.027 (J)	0.027 (J)	<0.1	
6/15/2016	<0.1	<0.1			
6/16/2016			<0.1	<0.1	<0.1
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				<0.1	<0.1
10/11/2016	<0.1	<0.1			
10/13/2016			<0.1	<0.1	<0.1
12/2/2016		<0.1			
12/5/2016	<0.1		<0.1	<0.1	
12/6/2016					<0.1
2/13/2017	<0.1	<0.1	<0.1	<0.1	<0.1
4/7/2017		<0.1			
4/10/2017	<0.1		<0.1		
4/11/2017				<0.1	<0.1
6/22/2017		<0.1			
6/23/2017	<0.1		<0.1		
6/24/2017				<0.1	<0.1
10/10/2017	<0.1	<0.1			
10/11/2017			<0.1	<0.1	<0.1
3/23/2018		<0.1			
3/26/2018	<0.1		<0.1	<0.1	<0.1
10/4/2018	<0.1	<0.1	<0.1	<0.1	<0.1
3/27/2019			<0.1		
3/28/2019	0.033 (J)	0.042 (J)		0.039 (J)	<0.1
9/12/2019	0.042 (J)	0.028 (J)	0.028 (J)	0.042 (J)	<0.1
3/19/2020	0.042 (J)	0.039 (J)	0.037 (J)	0.053 (J)	<0.1
9/10/2020	0.04 (J)	<0.1			
9/11/2020			0.049 (J)	0.041 (J)	<0.1
4/5/2021			<0.1	0.05 (J)	
4/6/2021	0.031 (J)	<0.1			<0.1
8/13/2021	0.065 (JF1)	0.048 (J)	0.043 (J)		0.034 (J)
8/17/2021				0.094 (JF1)	
2/14/2022	0.074 (J)	0.057 (J)		0.055 (J)	0.041 (J)
2/15/2022			0.06 (J)		
8/31/2022	0.082 (J)	0.065 (J)	0.066 (J)	0.053 (J)	0.055 (J)
2/28/2023			0.074 (J)		0.031 (J)
3/1/2023	0.042 (J)	0.029 (J)		0.066 (J)	
8/3/2023	0.06 (J)	<0.1	<0.1	0.046 (J)	<0.1
3/4/2024	<0.1	<0.1	<0.1	<0.1	<0.1
8/8/2024	<0.1	<0.1	<0.1	<0.1	<0.1
2/25/2025					<0.1
2/26/2025	<0.1	<0.1	<0.1	<0.1	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	0.0027 (J)		
2/14/2011	0.0028 (J)	<0.001	0.0024 (J)			0.0029 (J)	0.0032 (J)
3/21/2011			<0.001	<0.001			0.0038 (J)
3/22/2011	0.0021 (J)	0.002 (J)					
3/23/2011					0.0041 (J)	0.0028 (J)	
4/26/2011	0.003 (I)	0.0025 (I)	0.0027 (I)	0.0024 (I)			0.0046 (I)
4/27/2011					0.0054	0.0038 (I)	
10/25/2011						0.0043 (J)	
10/26/2011			0.0026 (J)		<0.001		0.0024 (J)
10/27/2011	0.0028 (J)	0.0033 (J)		0.0025 (J)			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	0.0023 (J)	0.003 (J)	0.0022 (J)	<0.001	0.0021 (J)
5/7/2013	0.0044 (J)	0.0048 (J)		0.0029 (J)	0.0062	0.0064	
5/8/2013			0.0026 (J)				0.006
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	0.0023 (J)
5/23/2014					0.0026 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0022 (J)	0.0026 (J)	<0.001
11/8/2014	<0.001	0.0021 (J)					
5/20/2015			0.005 (J)	0.0037 (J)			
5/21/2015	0.0032 (J)	0.002 (J)			0.0049 (J)	0.0038 (J)	0.0062 (J)
11/12/2015					<0.001	0.0021 (J)	0.0035 (J)
11/13/2015	<0.001	<0.001	0.0031 (J)	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		0.00096 (J)		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00019 (J)	<0.001		0.0002 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.0022	<0.001					<0.001
9/11/2020			0.0016	<0.001	<0.001	<0.001	
4/2/2021	<0.001	0.00018 (J)	<0.001				
4/5/2021				<0.001	<0.001	<0.001	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		0.00025 (J)					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	0.00023 (J)						
3/4/2024		0.002	<0.001	<0.001	<0.001	<0.001	0.00043 (J)
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	0.0021 (J)	0.0028 (J)	0.0032 (J)	0.0034 (J)	
3/21/2011				0.004 (J)	<0.001
3/22/2011	0.0027 (J)	0.0022 (J)	0.0024 (J)		
4/27/2011	0.0024 (I)	0.0033 (I)	0.0033 (I)		<0.001
4/28/2011				0.0036 (I)	
10/26/2011	0.0021 (J)	0.0028 (J)	0.0023 (J)	0.0038 (J)	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	0.0035 (J)	0.0043 (J)	0.0035 (J)	0.0059	<0.001
11/4/2013	<0.001	<0.001	<0.001	0.0027 (J)	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					0.0026 (JO)
5/22/2015	0.0038 (J)	0.0042 (J)	0.0035 (J)	0.006 (J)	
11/13/2015	<0.001	<0.001	<0.001	0.0024 (J)	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			0.00041 (J)	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	0.0034 (O)	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			0.0015	<0.001	<0.001
4/5/2021			<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	0.00054 (J)	0.00022 (J)		0.00017 (J)
8/17/2021				<0.001	
2/14/2022	<0.001	0.00019 (J)		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0002	<0.0002	<0.0002		
12/21/2010						<0.0002	<0.0002
12/22/2010	<0.0002	<0.0002					
2/1/2011				<0.0002	<0.0002		
2/14/2011	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
3/21/2011			<0.0002	<0.0002			<0.0002
3/22/2011	<0.0002	<0.0002					
3/23/2011					<0.0002	<0.0002	
4/26/2011	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
4/27/2011					<0.0002	<0.0002	
10/25/2011						<0.0002	
10/26/2011			<0.0002		<0.0002		<0.0002
10/27/2011	<0.0002	<0.0002		<0.0002			
5/1/2012	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	
5/2/2012				<0.0002			<0.0002
11/8/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/7/2013	<0.0002	<0.0002		0.00011 (J)	8.1E-05 (J)	8.4E-05 (J)	
5/8/2013			<0.0002				<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002			
11/5/2013					<0.0002	<0.0002	<0.0002
5/23/2014					<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002			
11/7/2014			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002	<0.0002					
5/20/2015			<0.0002	<0.0002			
5/21/2015	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002
11/12/2015					<0.0002	<0.0002	<0.0002
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002			
4/6/2016	<0.0002						
4/7/2016			<0.0002	<0.0002		<0.0002	<0.0002
4/8/2016		<0.0002			<0.0002		
6/14/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
6/17/2016						<0.0002	
8/9/2016		<0.0002	8.1E-05 (J)	8.1E-05 (J)	8.1E-05 (J)		8.5E-05 (J)
8/10/2016	8.2E-05 (J)					0.00011 (JB)	
10/10/2016			0.00013 (JB)	8.8E-05 (JB)			
10/11/2016	9E-05 (JB)	9.1E-05 (JB)			8.1E-05 (JB)		9E-05 (JB)
10/14/2016						<0.0002	
12/2/2016	<0.0002		<0.0002	<0.0002			<0.0002
12/5/2016		0.00011 (JB)			0.00011 (JB)		
12/19/2016						<0.0002	
2/9/2017			<0.0002				<0.0002
2/10/2017	<0.0002	<0.0002		<0.0002	<0.0002		
2/13/2017						<0.0002	
4/7/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/10/2017	<0.0002						
6/22/2017			<0.0002		<0.0002	<0.0002	<0.0002
6/23/2017	<0.0002			<0.0002			
6/26/2017		<0.0002					
10/9/2017	8.7E-05 (JB)	8.7E-05 (JB)					
10/10/2017			8.9E-05 (JB)	8.8E-05 (JB)	9.2E-05 (JB)	9.2E-05 (JB)	8.8E-05 (JB)
3/22/2018			<0.0002		<0.0002		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0002		<0.0002	
3/26/2018	7E-05 (JB)	<0.0002					
10/3/2018	8.8E-05 (JB)	0.0001425 (JBD)	0.0001415 (JBD)			0.0001415 (JBD)	0.00014 (JBD)
10/4/2018				<0.0002			
10/5/2018					<0.0002		
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
3/20/2020					<0.0002		
9/10/2020	<0.0002	<0.0002					<0.0002
9/11/2020			<0.0002	<0.0002	<0.0002	<0.0002	
4/2/2021	<0.0002	<0.0002	<0.0002				
4/5/2021				<0.0002	<0.0002	<0.0002	
4/6/2021							<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
8/13/2021					<0.0002		
2/14/2022	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/15/2022		<0.0002					
8/26/2022	<0.0002	<0.0002					
8/30/2022							<0.0002
8/31/2022			<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/1/2023							<0.0002
8/2/2023	<0.0002						
8/3/2023		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002						
3/4/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/6/2024	<0.0002						
8/8/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
8/9/2024							<0.0002
2/25/2025	<0.0002	<0.0002					
2/26/2025			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0002
12/21/2010				<0.0002	
12/22/2010	<0.0002	<0.0002	<0.0002		
2/14/2011					<0.0002
2/15/2011	<0.0002	<0.0002	<0.0002	<0.0002	
3/21/2011				<0.0002	<0.0002
3/22/2011	<0.0002	<0.0002	<0.0002		
4/27/2011	<0.0002	<0.0002	<0.0002		<0.0002
4/28/2011				<0.0002	
10/26/2011	<0.0002	<0.0002	<0.0002	8.2E-05 (J)	<0.0002
5/1/2012				<0.0002	<0.0002
5/2/2012	<0.0002	<0.0002	<0.0002		
11/8/2012	<0.0002	<0.0002	<0.0002		
11/9/2012				<0.0002	<0.0002
5/8/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/7/2014	<0.0002		<0.0002	<0.0002	<0.0002
11/8/2014		<0.0002			
5/20/2015					<0.0002
5/22/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/8/2016					<0.0002
4/11/2016	<0.0002	<0.0002	<0.0002	<0.0002	
6/15/2016	<0.0002	<0.0002			
6/16/2016			<0.0002	<0.0002	<0.0002
8/10/2016	8.5E-05 (JB)	7.9E-05 (JB)	9E-05 (J)		
8/11/2016				0.00011 (JB)	9.5E-05 (JB)
10/11/2016	9.2E-05 (JB)	0.00011 (JB)			
10/13/2016			<0.0002	<0.0002	<0.0002
12/2/2016		<0.0002			
12/5/2016	0.0001 (JB)		0.00011 (JB)	0.00013 (JB)	
12/6/2016					0.00011 (JB)
2/13/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/7/2017		<0.0002			
4/10/2017	<0.0002		<0.0002		
4/11/2017				<0.0002	<0.0002
6/22/2017		<0.0002			
6/23/2017	<0.0002		<0.0002		
6/24/2017				<0.0002	<0.0002
10/10/2017	9.1E-05 (JB)	8.9E-05 (JB)			
10/11/2017			<0.0002	<0.0002	<0.0002
3/23/2018		7.6E-05 (JB)			
3/26/2018	<0.0002		<0.0002	<0.0002	7.6E-05 (JB)
10/4/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019			<0.0002		
3/28/2019	<0.0002	<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002			
9/11/2020			<0.0002	<0.0002	<0.0002
4/5/2021			<0.0002	<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0002	<0.0002			<0.0002
8/13/2021	<0.0002	<0.0002	<0.0002		<0.0002
8/17/2021				<0.0002	
2/14/2022	<0.0002	<0.0002		<0.0002	<0.0002
2/15/2022			<0.0002		
8/31/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/28/2023			<0.0002		<0.0002
3/1/2023	<0.0002	<0.0002		<0.0002	
8/3/2023	<0.0002	<0.0002	<0.0002	9E-05 (J)	<0.0002
3/4/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/8/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/25/2025					<0.0002
2/26/2025	<0.0002	<0.0002	<0.0002	<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	0.003 (J)		
12/21/2010						0.0052	<0.001
12/22/2010	<0.001	0.003 (JO)					
2/1/2011				<0.001	0.0072		
2/14/2011	<0.001	<0.001	<0.001			0.016	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					0.003 (I)	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	0.0035 (I)	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	0.0035 (JO)	0.0066	0.0046 (J)	<0.001
5/7/2013	<0.001	<0.001		<0.001	0.022	0.0087	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					0.0093	0.0036 (J)	<0.001
5/23/2014					0.0045 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0049 (J)	0.0064	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			0.012	0.0045 (J)	<0.001
11/12/2015					0.019	0.0036 (J)	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	0.0024 (JO)	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	0.00097 (J)	<0.001	0.00061 (J)	0.0004 (J)	<0.001	<0.001	0.00043 (J)
3/19/2020	0.00037 (J)	<0.001	0.00074 (J)	<0.001		0.0004 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.00095 (J)	<0.001					0.00062 (J)
9/11/2020			0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00046 (J)	0.00049 (J)	0.00077 (J)				
4/5/2021				<0.001	<0.001	0.00034 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	0.0011	0.00042 (J)	0.00092 (J)	<0.001		<0.001	0.0019
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	0.00088 (J)
2/15/2022		0.0014					
8/26/2022	0.0012 (B)	0.00065 (JB)					
8/30/2022							0.00074 (JB)
8/31/2022			0.00065 (JB)	0.00056 (JB)	<0.001	<0.001	
2/28/2023	0.0015	0.00091 (J)	0.00064 (J)	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	0.00086 (J)						
8/3/2023		0.00067 (J)	0.00067 (J)	0.00045 (J)	<0.001	<0.001	0.00046 (J)
2/29/2024	0.00097 (J)						
3/4/2024		0.00055 (J)	0.0011	<0.001	<0.001	<0.001	<0.001
8/6/2024	0.00096 (J)						
8/8/2024		<0.001	0.00048 (J)	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	0.00099 (J)	<0.001					
2/26/2025			0.00053 (J)	0.00049 (J)	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.006
12/21/2010				<0.001	
12/22/2010	<0.005	<0.0025	<0.0025		
2/14/2011					0.0067
2/15/2011	<0.005	<0.0025	<0.0025	<0.001	
3/21/2011				<0.001	0.0066
3/22/2011	<0.005	<0.0025	<0.0025		
4/27/2011	<0.005	<0.0025	<0.0025		0.0077
4/28/2011				<0.001	
10/26/2011	<0.005	<0.0025	<0.0025	<0.001	0.0063
5/1/2012				<0.001	0.0068
5/2/2012	<0.005	<0.0025	<0.0025		
11/8/2012	<0.005	<0.0025	<0.0025		
11/9/2012				<0.001	0.0067
5/8/2013	<0.005	<0.0025	<0.0025	<0.001	0.0066
11/4/2013	<0.005	<0.0025	<0.0025	<0.001	0.0072
5/24/2014	<0.005	<0.0025	<0.0025	<0.001	0.0053
11/7/2014	<0.005		<0.0025	<0.001	0.0052
11/8/2014		<0.0025			
5/20/2015					0.0067
5/22/2015	0.0032 (J)	<0.0025	<0.0025	<0.001	
11/13/2015	<0.005	<0.0025	<0.0025	<0.001	0.0063
4/8/2016					0.0076 (J)
4/11/2016	0.00388 (J)	<0.0025	<0.0025	<0.001	
10/11/2016	0.0047	<0.0025			
10/13/2016			<0.0025	<0.001	0.0073
4/7/2017		<0.0025			
4/10/2017	0.0042		<0.0025		
4/11/2017				<0.001	0.0075
10/10/2017	0.0037	<0.0025			
10/11/2017			0.0018 (J)	<0.001	0.0072
3/23/2018		<0.0025			
3/26/2018	0.0037		0.0021 (J)	<0.001	0.0075
10/4/2018	0.0037	<0.0025	0.0024 (J)	<0.001	0.0073
3/27/2019			0.0024 (J)		
3/28/2019	0.0038	<0.0025		<0.001	0.0069
9/12/2019	0.0035	0.0012	0.0019	<0.001	0.007
3/19/2020	0.0039	0.0015	0.0021	<0.001	0.007
9/10/2020	0.0035	0.0017			
9/11/2020			0.002	<0.001	0.0074
4/5/2021			0.002	<0.001	
4/6/2021	0.0042 (B)	0.0019 (B)			0.0072 (B)
8/13/2021	0.0037	0.0036	0.0034		0.0073
8/17/2021				<0.001	
2/14/2022	0.0034	0.0026		<0.001	0.0071
2/15/2022			0.0024		
8/31/2022	0.0033 (B)	0.0031 (B)	0.0025 (B)	<0.001	0.0069 (B)
2/28/2023			0.0028		0.0073
3/1/2023	0.0038	0.0073		<0.001	
8/3/2023	0.0031	0.0033	0.0028	<0.001	0.0071
3/4/2024	0.0028	0.0029	0.0024	<0.001	0.0077
8/8/2024	0.0025	0.003	0.0027	<0.001	0.0077

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					0.0078
2/26/2025	0.0027	0.0032	0.0024	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			6.21	5.54	6.25		
12/21/2010						6.91	6.68
12/22/2010	5.72	5.97					
2/1/2011				5.55	6.26		
2/14/2011	6.01	6.37	6.17			6.73	6.88
3/21/2011			6.14	5.61			6.58
3/22/2011	5.65	5.83					
3/23/2011					6.36	6.88	
4/26/2011	5.67	5.87	5.91	5.6			6.21
4/27/2011					6.67	6.63	
10/25/2011						6.87	
10/26/2011			6.39		6.41		6.98
10/27/2011	5.95	6.14		5.77			
5/1/2012	5.88	6.2	6.32		6.33	6.76	
5/2/2012				5.72			6.8
11/8/2012	5.82	5.77	6.08	5.83	6.31	6.72	6.88
5/7/2013	5.48	5.94		5.94	6.41	6.79	
5/8/2013			6.34				6.97
11/4/2013	5.97	5.87	6.36	5.94			
11/5/2013					6.6	7.11	6.81
5/23/2014					6.17	6.6	6.58
5/24/2014	5.52	5.83	5.94	5.45			
11/7/2014			6.26 (D)	5.92 (D)	6.54 (D)	6.91 (D)	6.99 (D)
11/8/2014	5.89 (D)	5.92 (D)					
5/20/2015			6	5.8			
5/21/2015	5.64	5.97 (D)			6.41	6.77	6.79
11/12/2015					6.43 (D)	6.81	7 (D)
11/13/2015	5.65 (D)	5.8 (D)	6.02 (D)	5.78 (D)		6.81	
4/6/2016	6						
4/7/2016			6.48	6.83	6.46	6.74	6.85
4/8/2016		6.12			6.45		
6/14/2016	5.75	5.84	6.05	5.82	6.4		6.83
6/17/2016						6.78	
8/1/2016				5.78			
8/9/2016		5.75	6.05	5.78	6.43		6.77
8/10/2016	5.75					6.73	
10/10/2016			6.02	5.78			
10/11/2016	5.8	5.84			6.34		6.83
10/14/2016						6.7	
12/2/2016	5.78		5.95	5.71			6.79
12/5/2016		5.7			6.46	6.71	
2/9/2017			6.24				6.65
2/10/2017	5.83	6.17		5.79	6.33		
2/13/2017						6.56	
4/7/2017		5.99	5.95	5.93	6.38	6.62	6.75
4/10/2017	5.74						
6/22/2017			6.02		6.45	6.76	6.85
6/23/2017	5.83			5.77			
6/26/2017	5.83	5.87					
10/9/2017	5.61	5.52					
10/10/2017			6	5.81	6.44	6.7	6.84
3/22/2018			6.2		6.46		7

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				5.89		6.92	
3/26/2018	5.76	6.06					
10/3/2018	5.78	5.83	6.03			6.81	6.93
10/4/2018				5.86			
10/5/2018					6.47		
3/27/2019	5.97	6.04	6.31	5.95	6.52	6.86	6.91
9/12/2019	5.83	5.87		5.83	6.49	6.78	6.82
9/13/2019			5.96				
3/19/2020	5.81	6.14	6.46	5.93	6.39	6.73	6.87
3/20/2020					6.39		
9/10/2020	5.83	5.78					6.91
9/11/2020			5.98	6.02	6.59	6.76	
4/2/2021	6.06	6.03	5.92				
4/5/2021				5.92	6.59	6.78	
4/6/2021							6.87
6/1/2021				5.8	6.46	6.78	
8/12/2021	5.88	5.91	5.92	5.71		6.86	6.86
8/13/2021					6.33		
2/14/2022	5.99		6.31	5.85	6.6	6.93	7.1
2/15/2022		6.4					
8/26/2022	5.73	5.86					
8/30/2022							7.08
8/31/2022			6.03	5.8	6.53	6.91	
10/25/2022			5.99	5.88	6.48	6.81	6.96
11/16/2022			6.02	5.88	6.51	6.83	6.91
2/28/2023	5.81	6.21	5.88	5.91	6.52	6.87	
3/1/2023							6.98
8/2/2023	5.86						
8/3/2023		6.03	5.93	5.84	6.42	6.84	6.88
2/29/2024	5.8						
3/4/2024		6.41	6.54	5.94	6.49	6.86	6.96
8/6/2024	5.76						
8/8/2024		5.93	5.9	5.77	6.34	6.72	
8/9/2024							6.82
11/7/2024			6.19				
2/25/2025	6.07	6.66					
2/26/2025			6.85	5.92	6.5	6.85	6.96

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					5.63
12/21/2010				6.52	
12/22/2010	5.62	5.68	5.67		
2/14/2011					5.61
2/15/2011	5.89	6.06	5.98	6.42	
3/21/2011				6.41	5.71
3/22/2011	5.61	5.61	5.74		
4/27/2011	5.53	5.52	5.67		5.71
4/28/2011				6.4	
10/26/2011	5.91	5.99	6	6.81	5.66
5/1/2012				6.74	5.58
5/2/2012	5.95	6	5.96		
11/8/2012	5.72	5.6	5.78		
11/9/2012				6.77	5.53
5/8/2013	6.12	5.89	5.64	6.6	6.14
11/4/2013	5.62	5.51	6	6.9	5.54
5/24/2014	5.62	5.66	5.71	6.5	5.37
11/7/2014			5.95 (D)	6.75 (D)	5.67 (D)
11/8/2014		5.94 (D)			
5/20/2015					5.49
5/22/2015	5.8 (D)	5.79 (D)	5.84 (D)	6.65 (D)	
5/25/2015			8.36 (O)	7.63 (O)	
11/13/2015	5.87 (D)	5.92 (D)	5.82 (D)	6.77 (D)	5.52 (D)
4/8/2016					5.63
4/11/2016	5.84	5.82	5.88	6.64	
6/15/2016	5.82	5.85			
6/16/2016			5.85	6.6	5.56
8/10/2016	5.82	5.85	5.83		
8/11/2016				6.61	5.56
10/11/2016	5.78	5.76			
10/13/2016			5.84	6.64	5.61
12/2/2016		5.76			
12/5/2016	5.72		5.81	6.63	
12/6/2016					5.48
2/13/2017	5.81	5.8	5.76	6.59	5.57
4/7/2017		5.75			
4/10/2017	5.75		5.78		
4/11/2017				6.53	5.52
6/22/2017		5.83			
6/23/2017	5.78		5.82		
6/26/2017				6.6	5.56
10/10/2017	5.82	5.76			
10/11/2017			5.83	6.61	5.51
3/23/2018		5.98			
3/26/2018	5.91		5.98	6.77	5.78
10/4/2018	5.83	5.85	5.85	6.67	5.56
3/27/2019			5.94		
3/28/2019	5.95	5.71		6.71	5.67
9/12/2019	5.98		5.86	6.68	
9/13/2019		5.78			5.55
3/19/2020	5.97	5.78	5.9	6.64	5.65
9/10/2020	6.09	5.78			

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
9/11/2020			5.84	6.64	5.69
4/5/2021			5.99	6.68	
4/6/2021	6.3	5.76			5.67
6/2/2021			5.87	6.6	
8/13/2021	6.18	5.86	5.92		5.47
8/17/2021				6.63	
2/14/2022	6.29	5.9		6.79	5.65
2/15/2022			6.02		
8/31/2022	6.21	5.85	5.91	6.74	5.59
10/25/2022	6.21	5.89	5.94	6.65	5.64
11/16/2022	6.14	5.81	5.87	6.65	5.65
2/28/2023			5.86		5.66
3/1/2023	6.11	5.69		6.59	
5/2/2023		5.82			
8/3/2023	5.94	5.89	5.86	6.63	5.56
10/4/2023					5.63
3/4/2024	6.52	5.77	5.85	7.01	5.9
5/20/2024					5.61
8/8/2024	6.14	5.74	5.91	6.54	5.58
11/7/2024					5.73
2/25/2025					5.68
2/26/2025	6.54	5.83	6.23	7.03	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		0.004 (J)
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	0.0046 (J)	
5/8/2013			0.0048 (J)				<0.005
11/4/2013	0.0061 (JO)	0.0048 (JV)	<0.005	<0.005			
11/5/2013					0.0064 (JO)	0.0047 (JV)	<0.005
5/23/2014					<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	0.0042 (J)	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			0.0093 (JO)	<0.005			
5/21/2015	0.0072 (JO)	0.0041 (J)			<0.005	0.0077 (JO)	0.0041 (J)
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	0.0061 (JO)	<0.005			
4/6/2016	<0.005						
4/7/2016			<0.005	<0.005		<0.005	<0.005
4/8/2016		<0.005			<0.005		
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
6/17/2016						<0.005	
8/9/2016		<0.005	<0.005	<0.005	<0.005		<0.005
8/10/2016	<0.005					<0.005	
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
12/2/2016	<0.005		<0.005	<0.005			<0.005
12/5/2016		<0.005			<0.005		
12/19/2016						<0.005	
2/9/2017			<0.005				<0.005
2/10/2017	<0.005	0.0032		<0.005	<0.005		
2/13/2017						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	0.00092 (J)
4/10/2017	<0.005						
6/22/2017			0.0004 (J)		0.0021	0.00069 (J)	0.0013
6/23/2017	<0.005			<0.005			
6/26/2017		<0.005					
10/9/2017	<0.005	<0.005					
10/10/2017			0.00033 (J)	<0.005	<0.005	<0.005	<0.005
3/22/2018			<0.005		<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	<0.005	<0.005					<0.005
9/11/2020			<0.005	<0.005	<0.005	<0.005	
4/2/2021	<0.005	<0.005	<0.005				
4/5/2021				<0.005	<0.005	<0.005	
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2022		<0.005					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			<0.005	<0.005	<0.005	<0.005	
2/28/2023	<0.005	<0.005	0.00076 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/6/2024	<0.005						
8/8/2024		<0.005	<0.005	<0.005	<0.005	<0.005	
8/9/2024							<0.005
2/25/2025	<0.005	<0.005					
2/26/2025			<0.005	<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					<0.005
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	<0.005
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		<0.005
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/1/2012				<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	<0.005
5/8/2013	<0.005	0.0042 (J)	<0.005	<0.005	<0.005
11/4/2013	<0.005	<0.005	<0.005	0.0049 (JV)	<0.005
5/24/2014	0.0044 (J)	<0.005	<0.005	<0.005	<0.005
11/7/2014	<0.005		<0.005	<0.005	<0.005
11/8/2014		<0.005			
5/20/2015					<0.005
5/22/2015	<0.005	<0.005	<0.005	0.0067 (JO)	
11/13/2015	<0.005	<0.005	<0.005	<0.005	<0.005
4/8/2016					<0.005
4/11/2016	<0.005	<0.005	<0.005	<0.005	
6/15/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				0.00036 (J)	<0.005
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	0.00035 (J)	0.00046 (J)
12/2/2016		<0.005			
12/5/2016	<0.005		<0.005	<0.005	
12/6/2016					<0.005
2/13/2017	<0.005	<0.005	<0.005	<0.005	0.0025
4/7/2017		0.0021			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0027	0.00089 (J)
6/22/2017		<0.005			
6/23/2017	<0.005		<0.005		
6/24/2017				<0.005	<0.005
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	<0.005
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	<0.005
10/4/2018	0.00032 (J)	<0.005	<0.005	0.0004 (J)	<0.005
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	<0.005
4/5/2021			<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	<0.005			<0.005
8/13/2021	<0.005	<0.005	<0.005		<0.005
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	<0.005
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2023			<0.005		<0.005
3/1/2023	<0.005	<0.005		0.00099 (J)	
8/3/2023	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025					0.0011 (J)
2/26/2025	<0.005	<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.813 (J)						
4/7/2016			107.095	0.594 (J)		1.522	0.507 (J)
4/8/2016		<1			0.334 (J)		
6/14/2016	1.1	0.14 (J)	160 (D)	0.43 (J)	0.35 (J)		0.55 (J)
6/17/2016						1.1 (D)	
8/9/2016		<1	130	<1	<1		<1
8/10/2016	0.9 (J)					1.1	
10/10/2016			140	<1			
10/11/2016	0.99 (J)	<1			<1		<1
10/14/2016						0.89 (J)	
12/2/2016	0.99 (J)		150	<1			<1
12/5/2016		<1			<1		
12/19/2016						1.2	
2/9/2017			150				<1
2/10/2017	1.4	<1		<1	<1		
2/13/2017						1.4	
4/7/2017		<1	140	<1	<1	1.2	<1
4/10/2017	1.6						
6/22/2017			160		<1	1.1	<1
6/23/2017	1.8			<1			
6/26/2017		<1					
10/9/2017	2.5	<1					
10/10/2017			160	<1	<1	0.92 (J)	<1
3/22/2018			150		<1		<1
3/23/2018				<1		1.3	
3/26/2018	2.3	<1					
10/3/2018	1.9	<1	140			1.2	<1
10/4/2018				<1			
10/5/2018					<1		
3/27/2019	0.81 (J)	<1	140	0.52 (J)	<1	1.6	0.56 (J)
9/12/2019	1.3	0.38 (J)	170	0.61 (J)	0.4 (J)	1.2	0.77 (J)
3/19/2020	0.92 (J)	<1	150	0.39 (J)		1.5	0.56 (J)
3/20/2020					0.58 (J)		
9/10/2020	1.3	<1					0.42 (J)
9/11/2020			170	0.99 (J)	0.39 (J)	1.3	
4/2/2021	0.99 (J)	<1	180				
4/5/2021				<1	<1	1.3	
4/6/2021							<1
8/12/2021	1.8	<1	180	1		1	<1
8/13/2021					<1		
2/14/2022	1		130	<1	<1	1.2	0.85 (J)
2/15/2022		0.87 (J)					
8/26/2022	2.7	<1					
8/30/2022							0.76 (J)
8/31/2022			170	1.1	1.1	1.6	
2/28/2023	2.7	1.7	170	1.7	1.6	2.5	
3/1/2023							1.2
8/2/2023	1.4						
8/3/2023		<1	170	0.49 (J)	<1	0.94 (J)	0.46 (J)
2/29/2024	2.8						
3/4/2024		<1	160	0.64 (J)	0.46 (J)	1.4	0.66 (J)
8/6/2024	1.7						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<1	300 (o)	<1	<1	0.66 (J)	
8/9/2024							<1
11/7/2024			160				
2/25/2025	2	<1					
2/26/2025			150	<1	<1	<1	0.47 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					135.355
4/11/2016	2.15	<1	0.415 (J)	<1	
6/15/2016	2.5	0.18 (J)			
6/16/2016			0.5 (J)	10	140
8/10/2016	2.5	<1	<1		
8/11/2016				9.8 (F1)	130
10/11/2016	2.7	<1			
10/13/2016			<1	11	140
12/2/2016		<1			
12/5/2016	2.6		<1	13	
12/6/2016					150
2/13/2017	2.4	<1	<1	14	160
4/7/2017		<1			
4/10/2017	2.3		<1		
4/11/2017				12	130
6/22/2017		<1			
6/23/2017	2.5		<1		
6/24/2017				12	160
10/10/2017	2.5	<1			
10/11/2017			<1	13	160
3/23/2018		<1			
3/26/2018	2.4		<1	20	160
10/4/2018	2.8	<1	<1	23	170
3/27/2019			2.7		
3/28/2019	3.2	0.38 (J)		29	170
9/12/2019	3.2	<1	0.65 (J)	34	170
3/19/2020	3.2	<1	0.71 (J)	40	170
9/10/2020	2.7	<1			
9/11/2020			2.6	39	160
4/5/2021			1.7	57 (F1)	
4/6/2021	2.5	<1			160
8/13/2021	2.7	<1	1.4		170
8/17/2021				54	
2/14/2022	2.9	<1		56	150
2/15/2022			1.8		
8/31/2022	2.8	0.88 (J)	2.4	65	170
2/28/2023			3.2		170
3/1/2023	2.4	170 (o)		70	
8/3/2023	1.7	<1	2.2	74	170
3/4/2024	2.1	<1	2.9	90	180
8/8/2024	1.7	<1	2.8	41	340 (o)
11/7/2024					180
2/25/2025					190
2/26/2025	2	<1	4.1	94	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	51						
4/7/2016			237	69		100	114
4/8/2016		74			89		
6/14/2016	62	111	240	<25	55		56 (O)
6/17/2016						69	
8/9/2016		44	230	40	90		100
8/10/2016	70					110	
10/10/2016			240	34			
10/11/2016	84	64			86		110
10/14/2016						100	
12/2/2016	74		270	50			94
12/5/2016		52			74		
12/19/2016						100	
2/9/2017			240				100
2/10/2017	100	86		60	100		
2/13/2017						80	
4/7/2017		68	260	70	92	86	100
4/10/2017	82						
6/22/2017			300		64	72	110
6/23/2017	72			42			
6/26/2017		76					
10/9/2017	82	50					
10/10/2017			280	34	68	70	100
3/22/2018			310		92		100
3/23/2018				52		86	
3/26/2018	94	56					
10/3/2018	72	42	190			88	96
10/4/2018				48			
10/5/2018					90		
3/27/2019	98	76	290	66	94	100	120
9/12/2019	130	72	340	97	88	110	120
3/19/2020	100	65	310	51		97	110
3/20/2020					99		
9/10/2020	110	56					130
9/11/2020			340	51	110	120	
4/2/2021	100	69	360				
4/5/2021				46	63	99	
4/6/2021							110
8/12/2021	98	68	330	55		100	120
8/13/2021					110		
2/14/2022	100		290	68	94	100	110
2/15/2022		85					
8/26/2022	110	83					
11/16/2022			300	55	94	100	110
2/28/2023	98	99	320	64	120	110	
3/1/2023							120
8/2/2023	98						
8/3/2023		77	310	63	100	100	130
2/29/2024	92						
3/4/2024		96	310	66	99	100	110
8/6/2024	87						
8/8/2024		73	290	67	100	94	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/9/2024							110
2/25/2025	90	98					
2/26/2025			280	68	100	100	110

Time Series

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					237
4/11/2016	88	79	88	103	
6/15/2016	114	79			
6/16/2016			74	117	231
8/10/2016	82	72	66		
8/11/2016				94	190
10/11/2016	92	76			
10/13/2016			72	110	230
12/2/2016		60			
12/5/2016	86		70	130	
12/6/2016					260
2/13/2017	62	58	12 (O)	92	230
4/7/2017		68			
4/10/2017	60		80		
4/11/2017				120	210
6/22/2017		16			
6/23/2017	74		66		
6/24/2017				120	250
10/10/2017	86	44			
10/11/2017			56	120	280
3/23/2018		96			
3/26/2018	58		72	98	240
10/4/2018	130	110	96	190	320
3/27/2019			76		
3/28/2019	88	65		140	280
9/12/2019	110	89	110	160	300
3/19/2020	110	64	66	160	270
9/10/2020	120	82			
9/11/2020			87	170	290
4/5/2021			66	170	
4/6/2021	110	49			250
8/13/2021	120	72	92		290
8/17/2021				180	
2/14/2022	120	79		150	280
2/15/2022			67		
11/16/2022	110	76	89	180	270
2/28/2023			84		280
3/1/2023	130	290 (o)		190	
8/3/2023	120	77	82	200	290
3/4/2024	110	68	86	200	310
8/8/2024	110	76	84	210	290
2/25/2025					310
2/26/2025	110	77	88	220	

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.00026 (J)	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	0.00025 (J)	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			0.00032 (J)	<0.001	<0.001	<0.001	<0.001
11/8/2014	0.00048 (J)	0.00086 (J)					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00036 (JB)	<0.001		0.00018 (JB)	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00016 (J)	0.00036 (J)	<0.001				
4/5/2021				<0.001	<0.001	0.00043 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	0.00028 (J)	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			0.00022 (J)	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	0.0024 (J)	0.0051 (J)		
12/21/2010						0.0091 (J)	0.016
12/22/2010	<0.0025	<0.0025					
2/1/2011				0.0021 (J)	0.012		
2/14/2011	<0.0025	<0.0025	<0.0025			0.013	0.016
3/21/2011			<0.0025	0.0025 (J)			0.018
3/22/2011	0.0028 (J)	0.0032 (J)					
3/23/2011					0.015	0.01	
4/26/2011	0.0025 (I)	<0.0025	0.0022 (I)	0.0033 (I)			0.018
4/27/2011					0.022	0.0078 (I)	
10/25/2011						0.012	
10/26/2011			<0.0025		0.0043 (J)		0.018
10/27/2011	<0.0025	<0.0025		0.003 (J)			
5/1/2012	0.004 (I)	0.0037 (I)	0.0036 (I)		0.0069 (I)	0.019	
5/2/2012				0.0051 (I)			0.021
11/8/2012	<0.0025	<0.0025	0.0062 (J)	0.02 (O)	0.013	0.015	0.019
5/7/2013	<0.0025	0.0041 (J)		0.0036 (J)	0.017	0.017	
5/8/2013			<0.0025				0.02
11/4/2013	<0.0025	<0.0025	<0.0025	0.0043 (J)			
11/5/2013					0.013	0.015	0.018
5/23/2014					0.041 (O)	0.017	0.018
5/24/2014	<0.0025	<0.0025	<0.0025	0.0033 (J)			
11/7/2014			<0.0025	<0.0025	0.0069 (J)	0.013	0.018
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	0.0062 (J)			
5/21/2015	<0.0025	0.0052 (J)			0.016	0.016	0.02
11/12/2015					0.013	0.018	0.016
11/13/2015	<0.0025	<0.0025	<0.0025	0.0046 (J)			
4/6/2016	0.00201 (J)						
4/7/2016			<0.0025	0.00293 (J)		0.016	0.0182
4/8/2016		0.00339 (J)			0.00606 (J)		
10/10/2016			<0.0025	0.0031			
10/11/2016	0.0067	0.0037			0.011		0.023
10/14/2016						0.018	
4/7/2017		0.0033	<0.0025	0.0041	0.0073	0.017	0.02
4/10/2017	0.002 (J)						
10/9/2017	<0.0025	<0.0025					
10/10/2017			0.0014 (J)	<0.0025	0.0032	0.015	0.016
3/22/2018			<0.0025		0.0068		0.018
3/23/2018				0.0032		0.016	
3/26/2018	0.0014 (J)	0.0029					
10/3/2018	0.0023 (J)	0.0022 (J)	<0.0025			0.017	0.018
10/4/2018				0.0034			
10/5/2018					0.0092		
3/27/2019	0.0072	0.0071	0.0023 (JB)	0.0072 (B)	0.012 (B)	0.022 (B)	0.021 (B)
9/12/2019	0.0031	0.0025	0.0017	0.0033	0.0075	0.019	0.02
3/19/2020	0.003	0.0052	0.0031	0.0033		0.019	0.02
3/20/2020					0.0086		
9/10/2020	0.0027	0.0025					0.018
9/11/2020			0.0015	0.0026	0.007	0.017	
4/2/2021	0.0029	0.0045	0.0014				
4/5/2021				0.003	0.0085	0.019	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							0.021
8/12/2021	0.004	0.0028	0.0017	0.0031		0.019	0.02
8/13/2021					0.0078		
2/14/2022	0.0033		0.0028	0.0032	0.0076	0.019	0.02
2/15/2022		0.0083					
8/26/2022	0.0028	0.002					
8/30/2022							0.019
8/31/2022			0.0011	0.0027	0.0073	0.018	
2/28/2023	0.0036	0.0071	0.0018	0.0037	0.0078	0.02	
3/1/2023							0.019
8/2/2023	0.0035						
8/3/2023		0.0037	0.0012 (J)	0.0026	0.0072	0.017	0.019
2/29/2024	0.0025						
3/4/2024		0.0081	0.0024	0.0028	0.0078	0.018	0.018
8/6/2024	0.003						
8/8/2024		0.0034	0.00075 (J)	0.0019 (J)	0.0079	0.018	
8/9/2024							0.019
2/25/2025	0.0014 (J)	0.008					
2/26/2025			0.0082	0.0069	0.0097	0.021	0.026

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				0.01	
12/22/2010	0.0037 (J)	<0.001	0.0027 (J)		
2/14/2011					<0.002
2/15/2011	0.0043 (J)	<0.001	0.0036 (J)	0.0098 (J)	
3/21/2011				0.012	<0.002
3/22/2011	0.0039 (J)	0.0034 (J)	0.004 (J)		
4/27/2011	0.0035 (I)	0.0032 (I)	0.0046 (I)		<0.002
4/28/2011				0.011	
10/26/2011	0.0047 (J)	<0.001	<0.01	0.012	<0.002
5/1/2012				0.011	0.0032
5/2/2012	0.0064 (I)	0.0039 (I)	0.0055 (I)		
11/8/2012	0.0051 (J)	0.0034 (J)	0.0042 (J)		
11/9/2012				0.011	<0.002
5/8/2013	0.0046 (J)	<0.001	0.0046 (J)	0.01	<0.002
11/4/2013	0.0039 (J)	0.0035 (J)	0.0042 (J)	0.011	<0.002
5/24/2014	0.0053 (J)	0.0036 (J)	0.0061 (J)	0.012	<0.002
11/7/2014	0.0034 (J)		0.0032 (J)	0.01	<0.002
11/8/2014		<0.001			
5/20/2015					0.0065 (J)
5/22/2015	0.0068 (J)	0.0044 (J)	0.0056 (J)	0.013	
11/13/2015	0.0044 (J)	<0.001	<0.01	0.014	<0.002
4/8/2016					<0.002
4/11/2016	0.00381 (J)	0.00254 (J)	0.00415 (J)	0.0107	
10/11/2016	0.0082	0.0056			
10/13/2016			0.0047	0.011	<0.002
4/7/2017		0.0024 (J)			
4/10/2017	0.0038		0.0043		
4/11/2017				0.011	<0.002
10/10/2017	0.0053	<0.001			
10/11/2017			0.0052	0.012	0.0019 (J)
3/23/2018		0.0023 (J)			
3/26/2018	0.0037		0.004	0.0096	<0.002
10/4/2018	0.0053	0.0037	0.0066	0.013	0.0037
3/27/2019			0.0087 (B)		
3/28/2019	0.0079	0.0053		0.01	0.0041
9/12/2019	0.0054	0.0028	0.0047	0.011	<0.002
3/19/2020	0.0044	0.0027	0.0046	0.01	<0.002
9/10/2020	0.0049	0.0026			
9/11/2020			0.0042	0.0099	<0.002
4/5/2021			0.0059	0.011	
4/6/2021	0.0045	0.0026			<0.002
8/13/2021	0.0061	0.0093	0.0072		0.0016
8/17/2021				0.011	
2/14/2022	0.0047	0.0042		0.011	0.0014
2/15/2022			0.0049		
8/31/2022	0.0055	0.0031	0.0038	0.01	0.00095 (J)
2/28/2023			0.0052		0.0023
3/1/2023	0.0051	<0.001		0.011	
8/3/2023	0.005	0.0029	0.0041	0.0088	<0.002
3/4/2024	0.0045	0.0025	0.0041	0.0098	0.00066 (J)
8/8/2024	0.0047	0.0021	0.0039	0.009	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					<0.002
2/26/2025	0.0056	0.009	0.01	0.014	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	0.013 (JO)	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	0.0087 (J)	<0.005	
5/8/2013			<0.005				<0.005
11/4/2013	<0.005	<0.005	<0.005	<0.005			
11/5/2013					<0.005	0.008 (J)	<0.005
5/23/2014					0.014 (JO)	<0.005	<0.005
5/24/2014	<0.005	<0.005	<0.005	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			<0.005	<0.005			
5/21/2015	<0.005	<0.005			<0.005	<0.005	<0.005
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	0.039 (O)	<0.005	<0.005			
4/6/2016	<0.005						
4/7/2016			0.00345 (J)	0.00265 (J)		0.00287 (J)	0.00208 (J)
4/8/2016		<0.005			0.00228 (J)		
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017	<0.005						
10/9/2017	<0.005	<0.005					
10/10/2017			<0.005	0.0096 (J)	<0.005	<0.005	<0.005
3/22/2018			<0.005		<0.005		<0.005
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	0.0046 (JB)	0.0085 (B)	0.0095 (B)	0.0091 (B)	0.0049 (JB)	0.0048 (JB)	0.0041 (JB)
3/19/2020	<0.005	<0.005	0.0037 (J)	0.0035 (J)		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	0.0048 (J)	<0.005					<0.005
9/11/2020			0.0098	0.0038 (J)	<0.005	<0.005	
4/2/2021	<0.005	<0.005	0.0058				
4/5/2021				0.0049 (J)	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	0.006	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		0.003 (J)	<0.005	<0.005	<0.005	<0.005
2/15/2022		0.003 (J)					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			0.0051	0.0032 (J)	<0.005	0.0039 (J)	
2/28/2023	<0.005	<0.005	0.0062 (JB)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	0.0051	0.0037 (J)	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		0.0059	0.0035 (J)	<0.005	<0.005	<0.005	<0.005
8/6/2024	<0.005						
8/8/2024		<0.005	0.0046 (J)	0.003 (J)	<0.005	<0.005	
8/9/2024							<0.005
2/25/2025	0.0028 (J)	0.0076					
2/26/2025			0.0055	0.0035 (J)	<0.005	0.0044 (J)	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0095 (J)
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					0.0092 (J)
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	0.011 (J)
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		0.0096 (I)
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	0.011 (J)
5/1/2012				<0.005	0.012 (I)
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	0.014 (J)
5/8/2013	<0.005	<0.005	<0.005	<0.005	0.016 (J)
11/4/2013	<0.005	<0.005	<0.005	<0.005	0.014 (J)
5/24/2014	<0.005	<0.005	<0.005	<0.005	0.013 (J)
11/7/2014	<0.005		<0.005	<0.005	0.014 (J)
11/8/2014		<0.005			
5/20/2015					0.015 (J)
5/22/2015	<0.005	<0.005	<0.005	<0.005	
11/13/2015	<0.005	<0.005	<0.005	<0.005	0.015 (J)
4/8/2016					0.0136
4/11/2016	<0.005	<0.005	0.00333 (J)	<0.005	
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	<0.005	0.015 (J)
4/7/2017		<0.005			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0065 (J)	0.015 (J)
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	0.019 (J)
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	0.016 (J)
10/4/2018	<0.005	0.0076 (J)	<0.005	<0.005	0.017 (J)
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	0.013 (J)
9/12/2019	0.0058 (B)	0.0057 (B)	0.0042 (JB)	0.0073 (B)	0.02 (B)
3/19/2020	<0.005	0.0037 (J)	<0.005	<0.005	0.014
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	0.014
4/5/2021			<0.005	<0.005	
4/6/2021	<0.005	<0.005			0.014
8/13/2021	<0.005	0.0053	<0.005		0.017
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	0.014
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	0.015
2/28/2023			<0.005		0.014 (JB)
3/1/2023	<0.005	0.016 (o)		<0.005	
5/2/2023		<0.005			
8/3/2023	<0.005	0.0033 (J)	0.0035 (J)	<0.005	0.015
3/4/2024	<0.005	<0.005	<0.005	<0.005	0.013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/8/2024	<0.005	<0.005	<0.005	<0.005	0.015
2/25/2025					0.018
2/26/2025	<0.005	<0.005	0.004 (J)	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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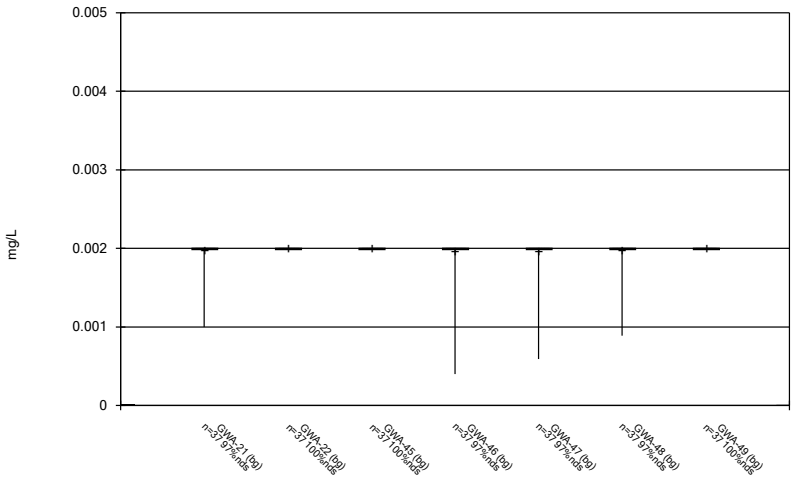
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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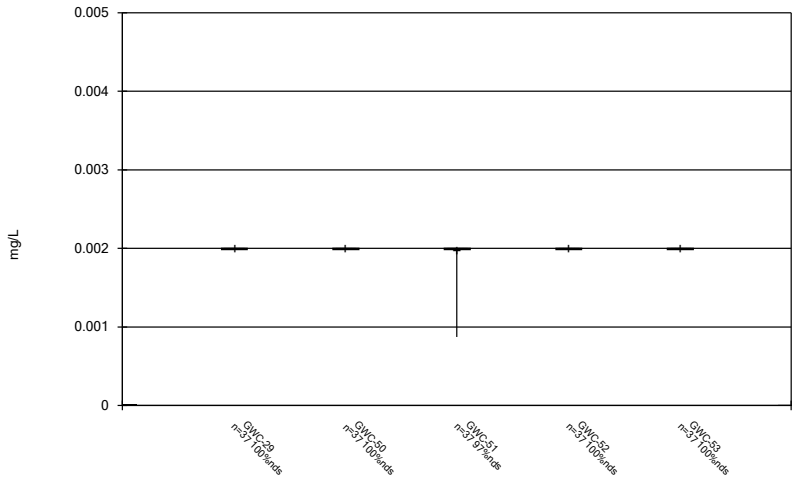
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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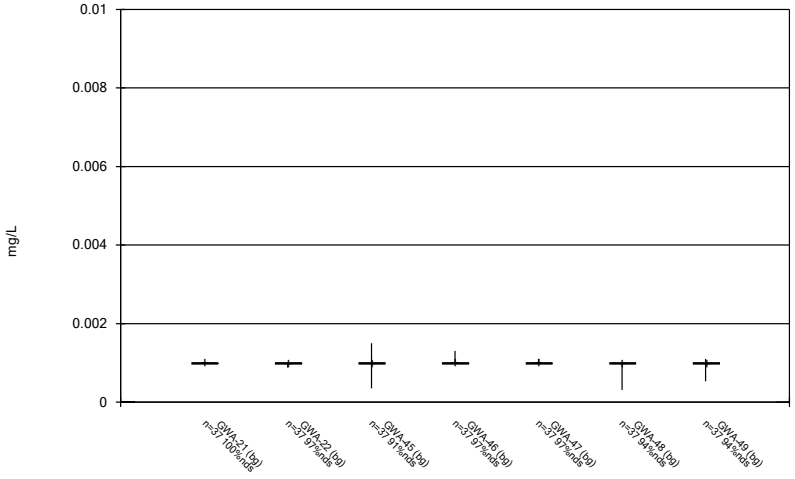
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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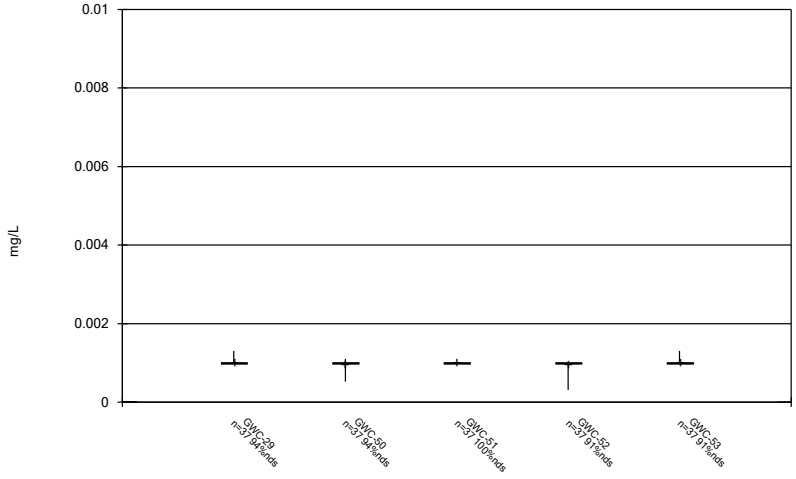
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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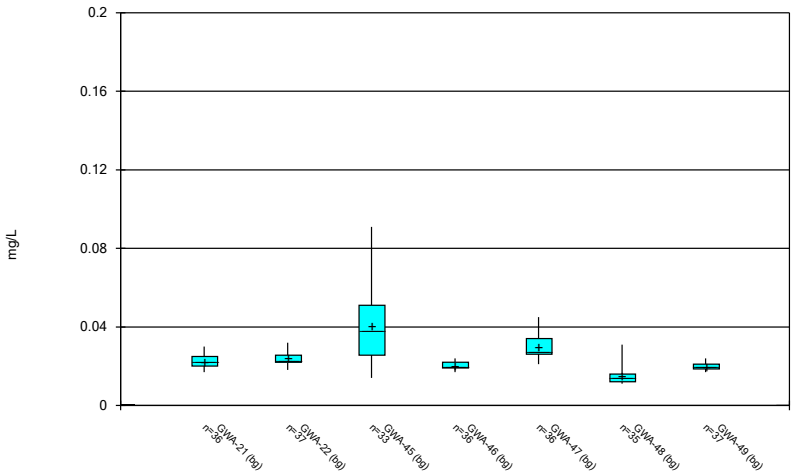
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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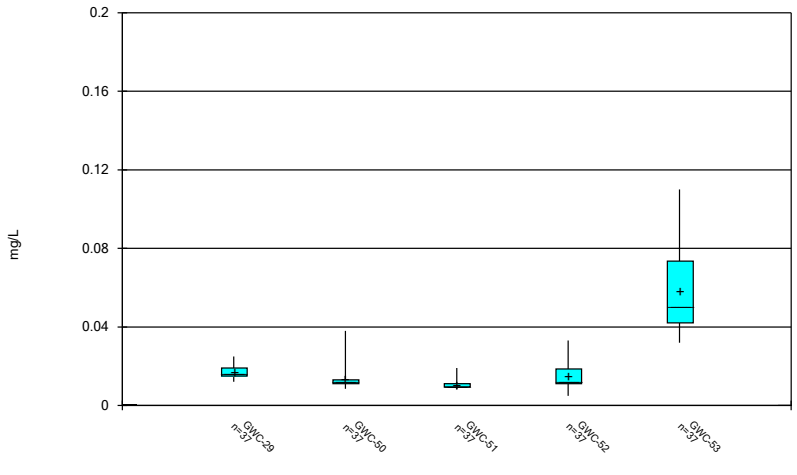
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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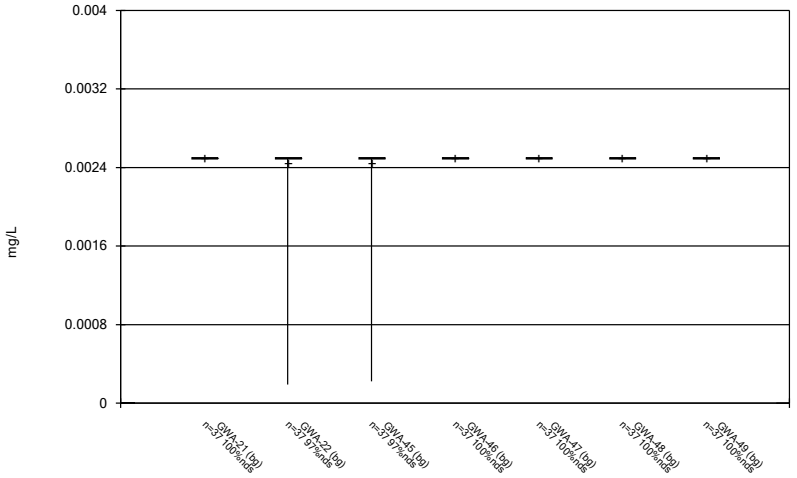
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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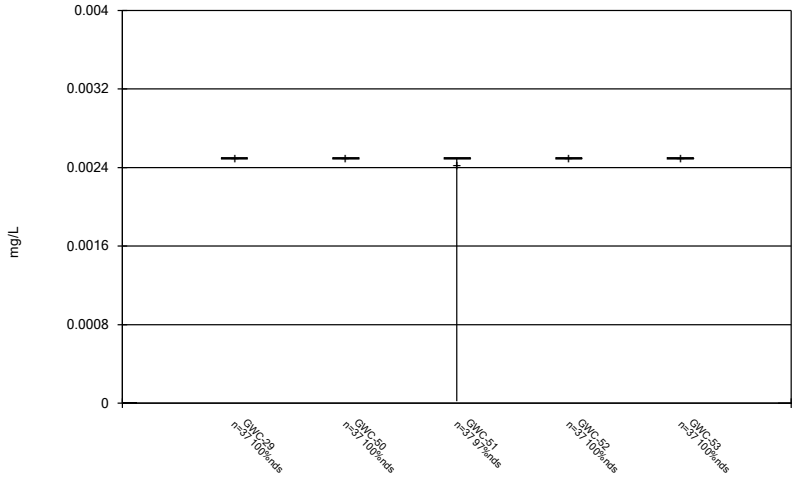
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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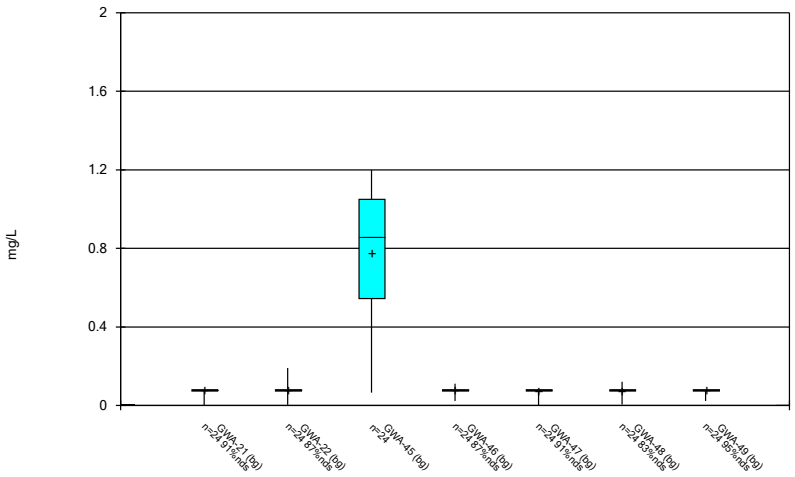
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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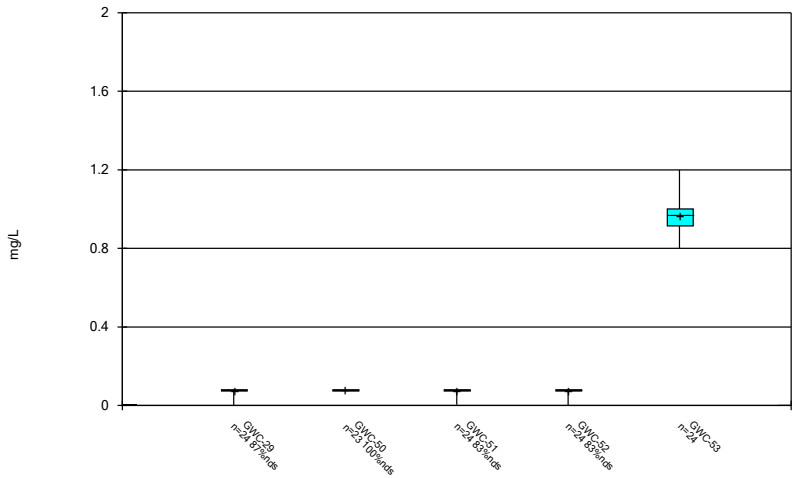
Box & Whiskers Plot



Constituent: Boron Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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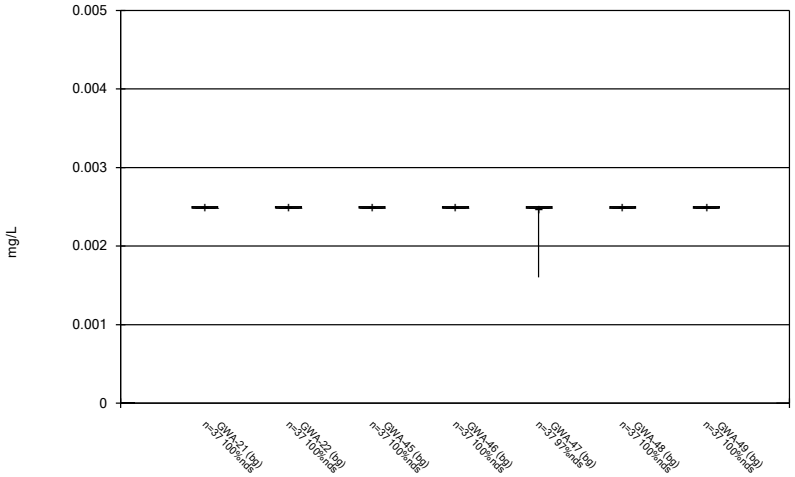
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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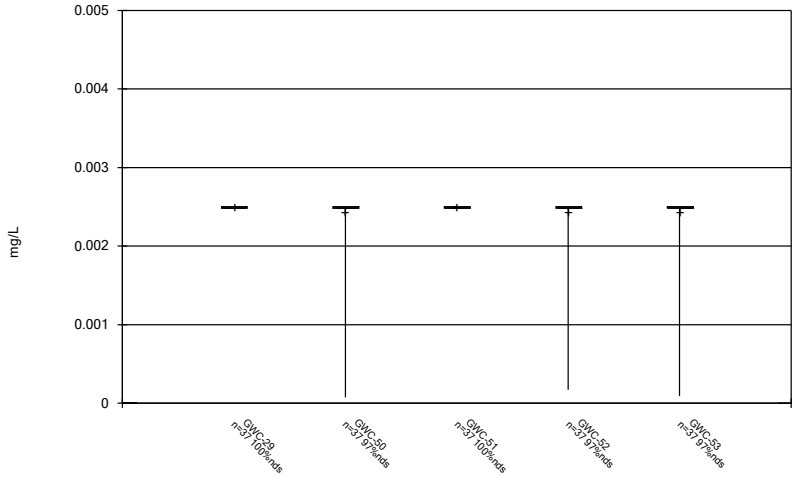
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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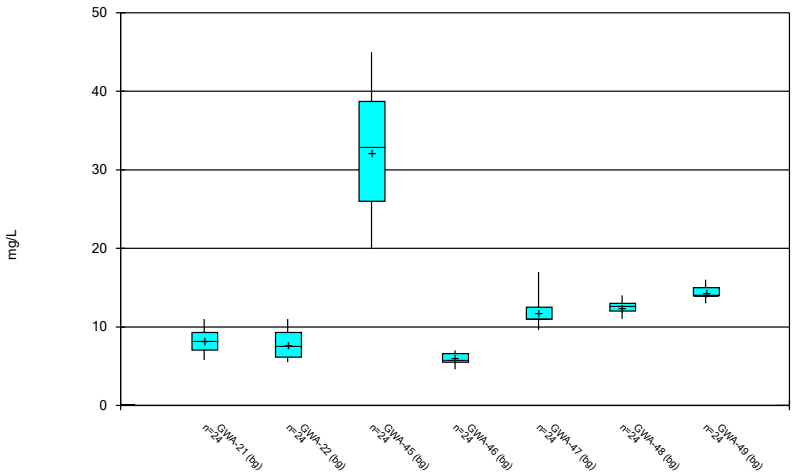
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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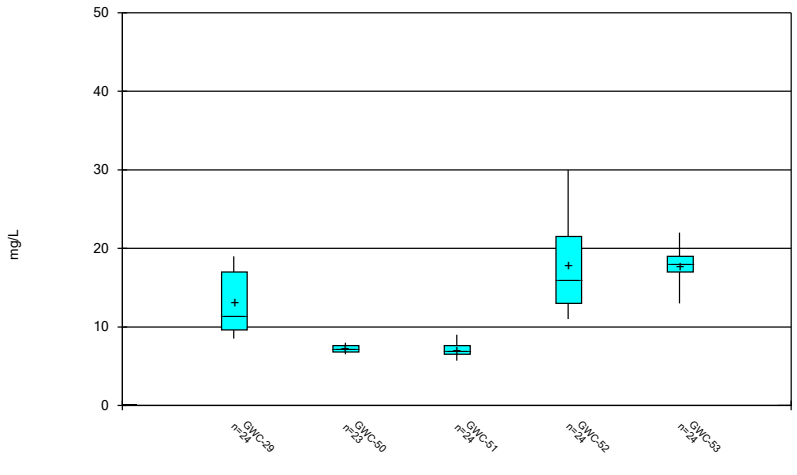
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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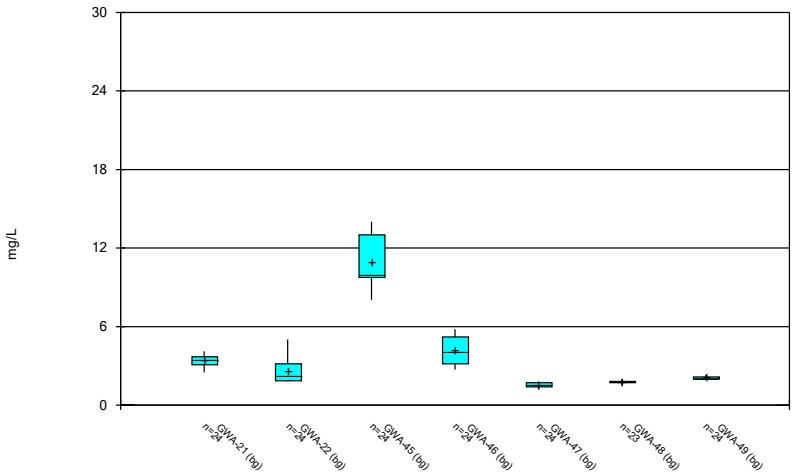
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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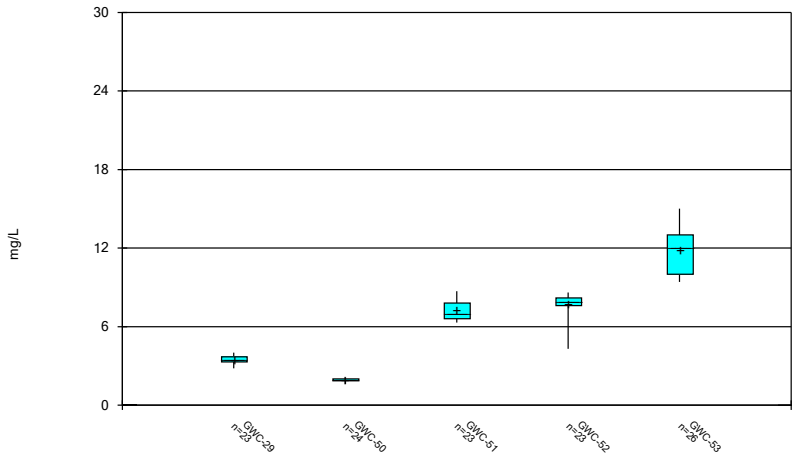
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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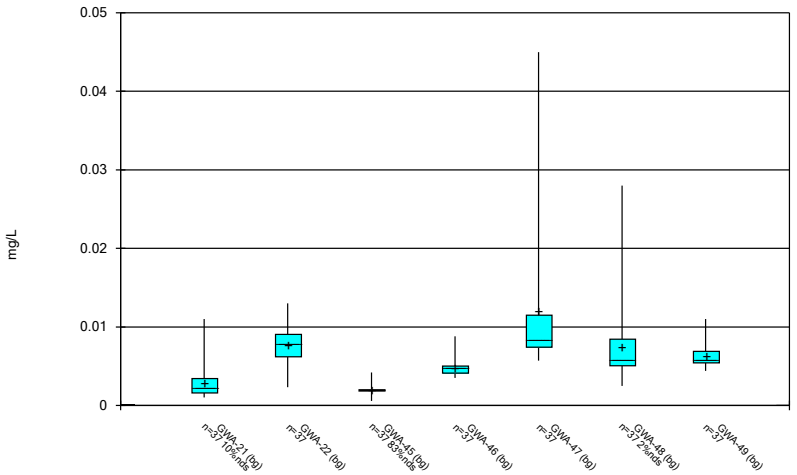
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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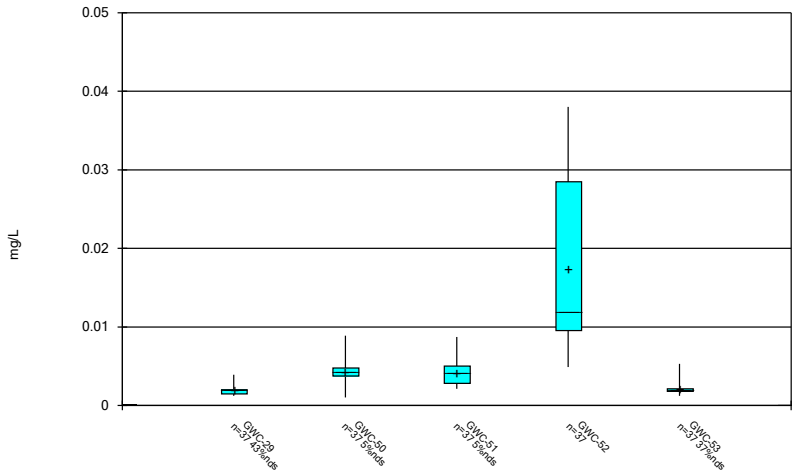
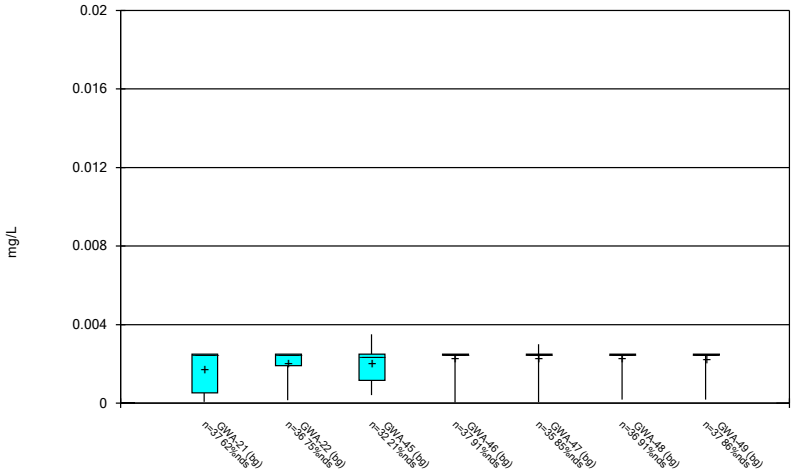
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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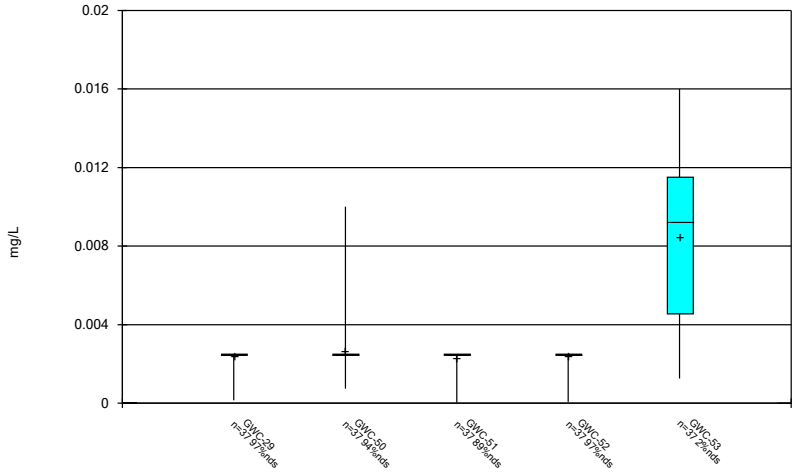
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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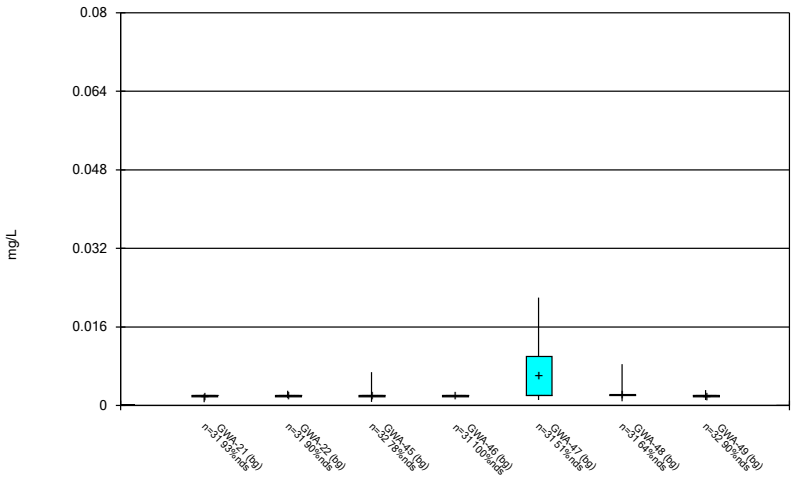
Box & Whiskers Plot



Constituent: Copper Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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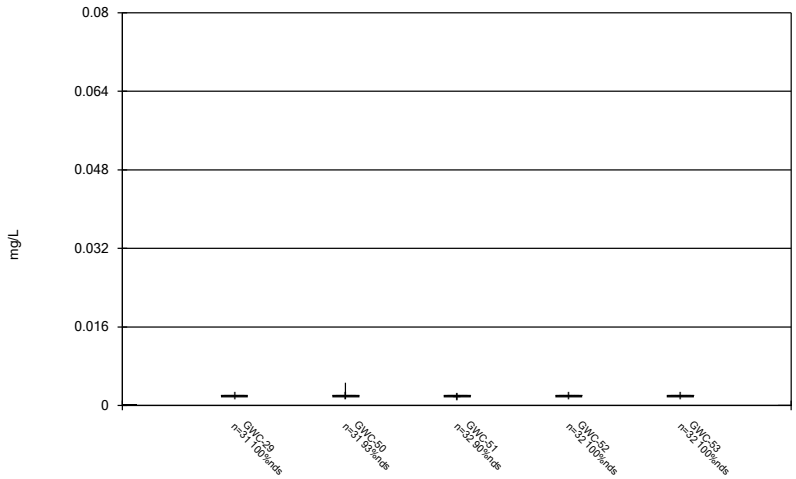
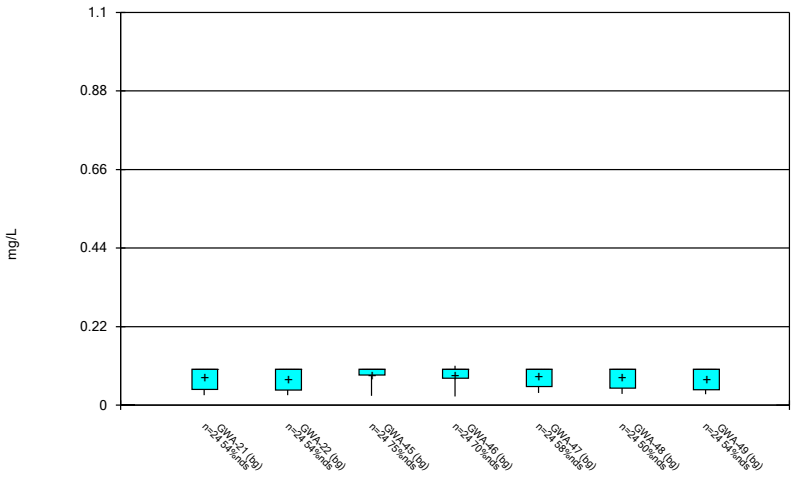
Box & Whiskers Plot



Constituent: Copper Analysis Run 6/10/2025 11:24 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

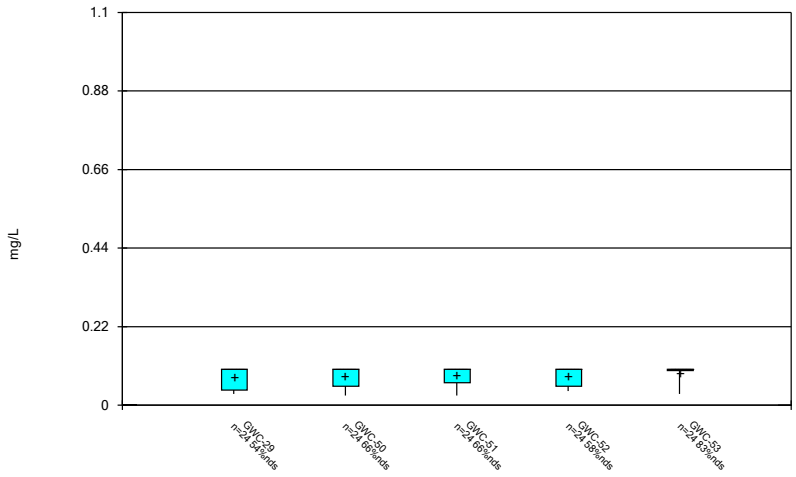
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/10/2025 11:24 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

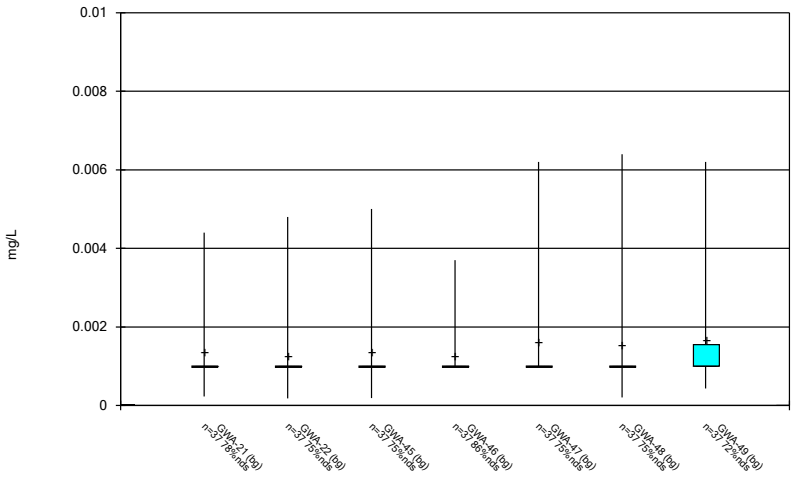
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 6/10/2025 11:24 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

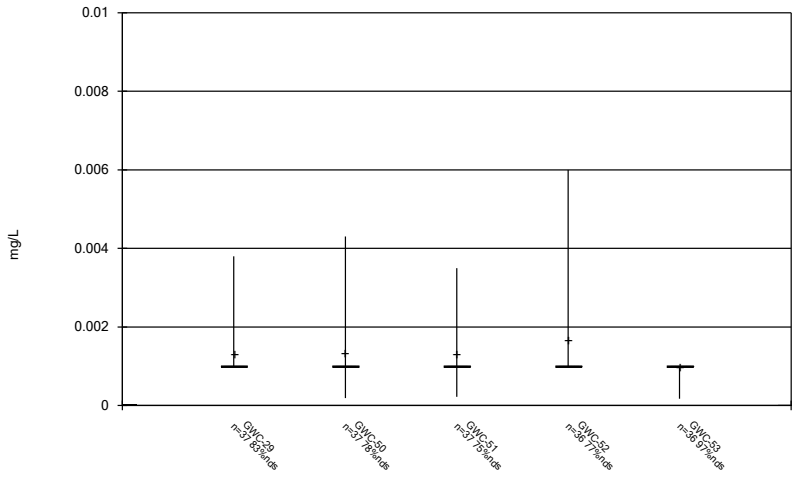


Constituent: Lead Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

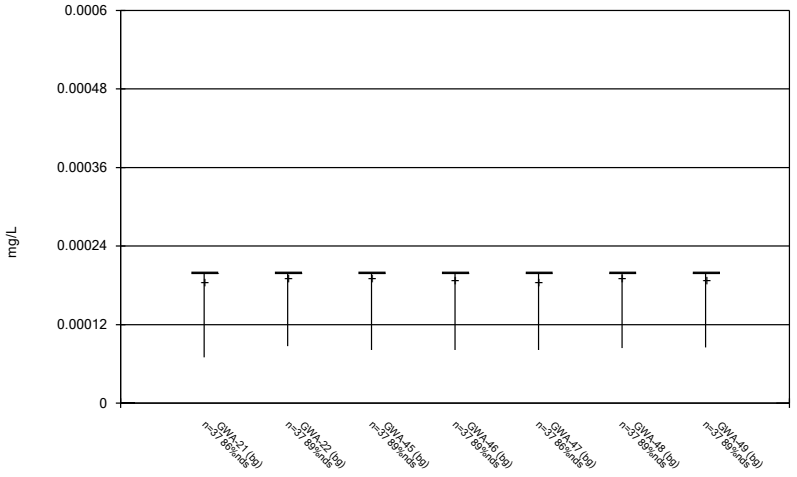


Constituent: Lead Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

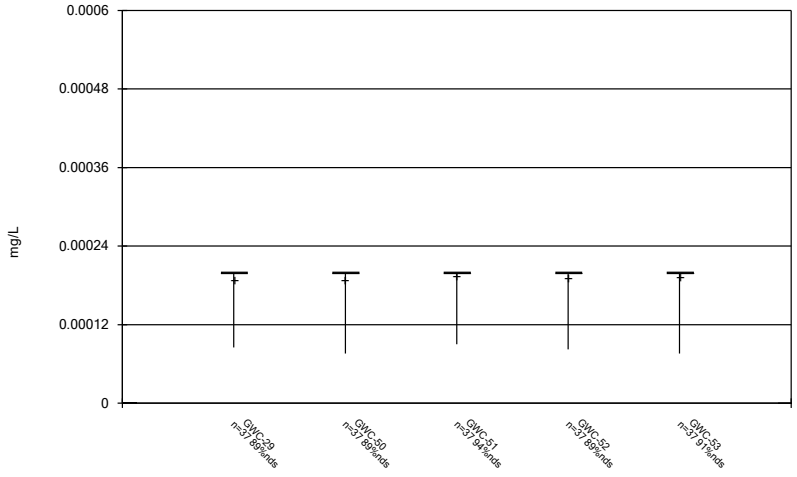


Constituent: Mercury Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Mercury Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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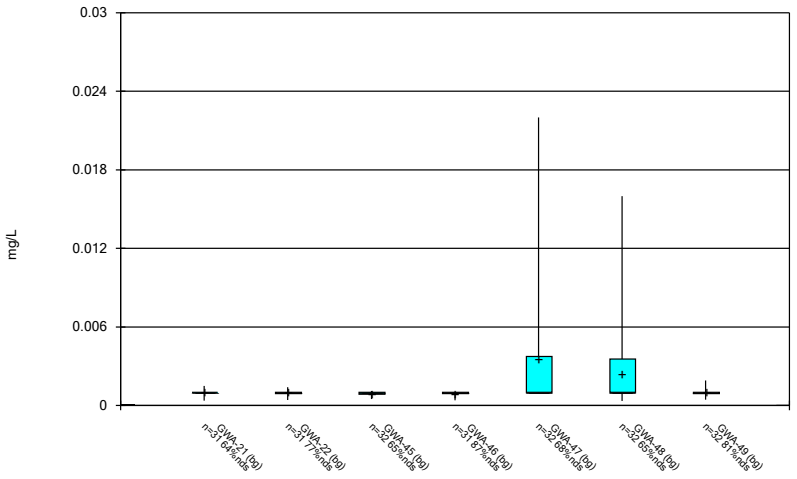
Box & Whiskers Plot



Constituent: Nickel Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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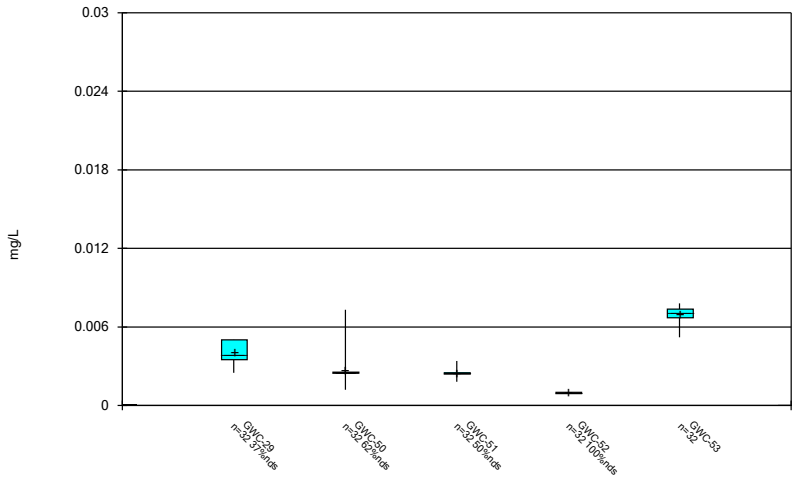
Box & Whiskers Plot

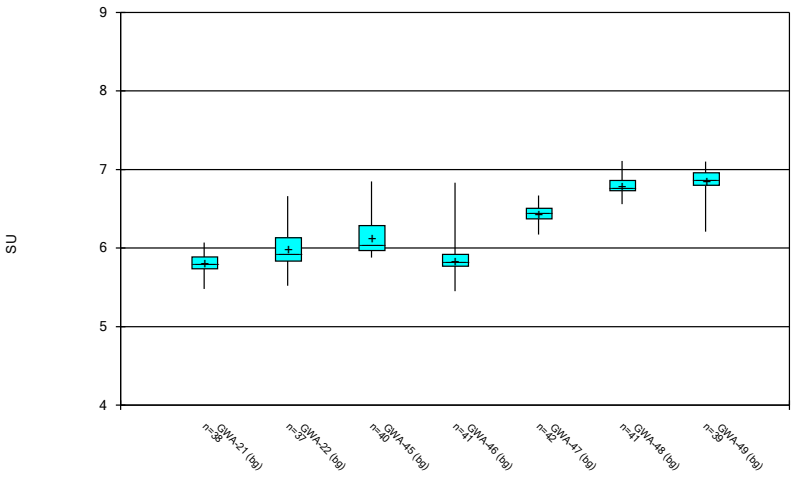


Constituent: Nickel Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

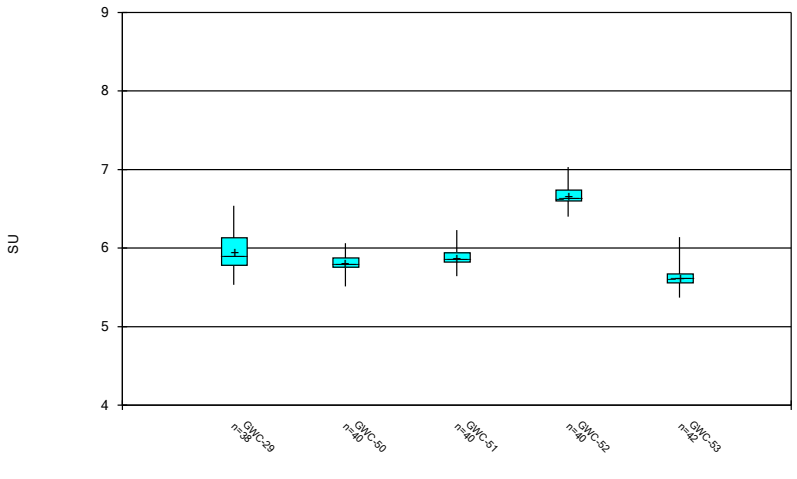


Constituent: pH, Field Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

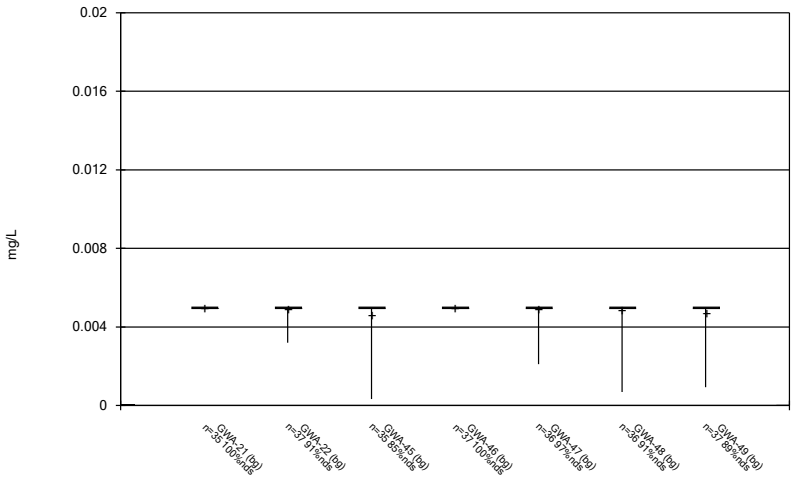


Constituent: pH, Field Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

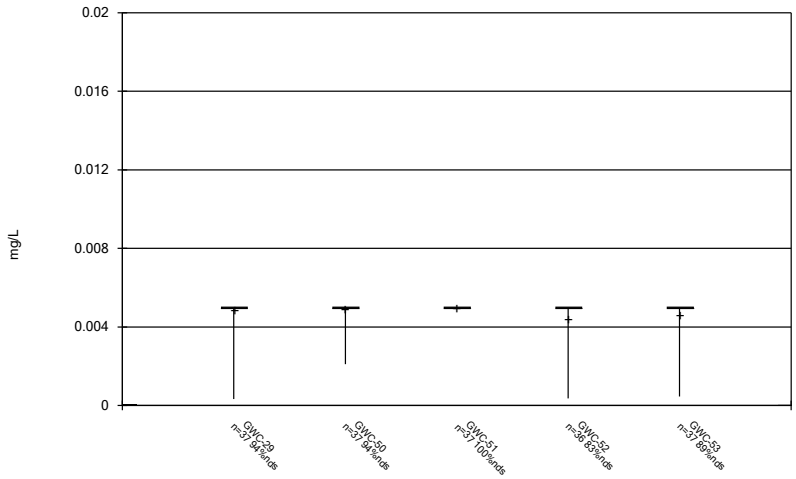


Constituent: Selenium Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

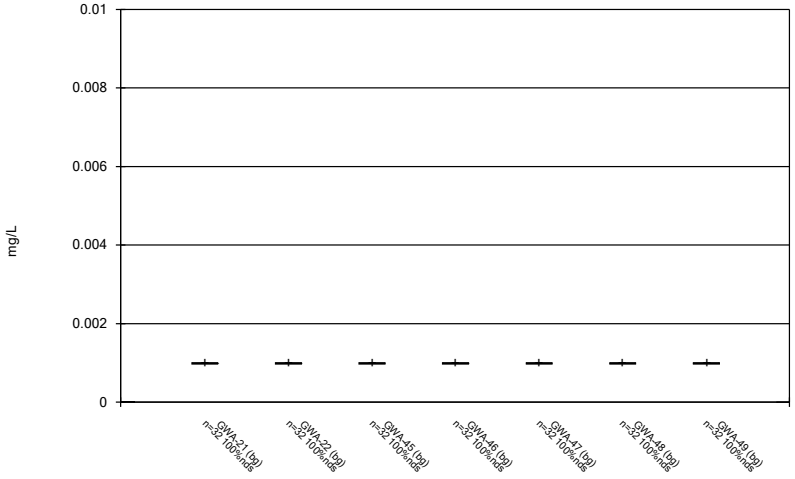


Constituent: Selenium Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

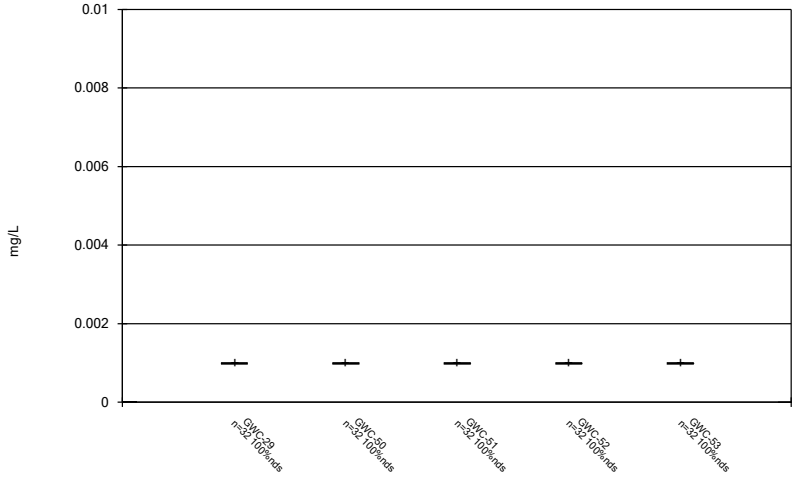


Constituent: Silver Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

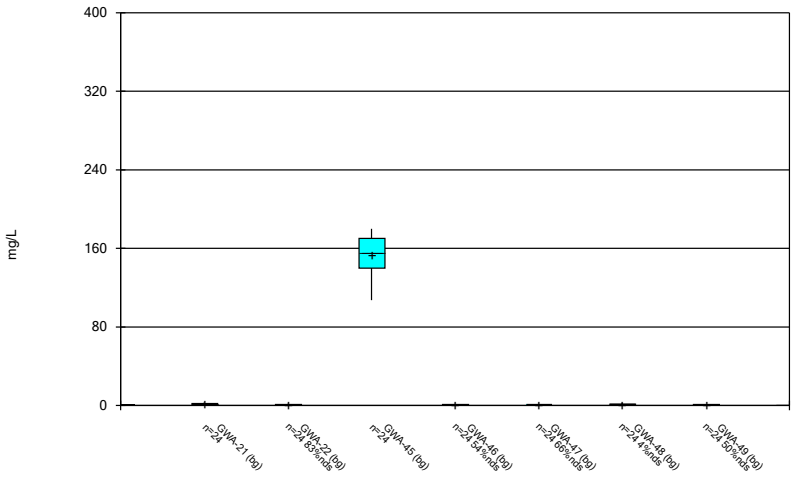


Constituent: Silver Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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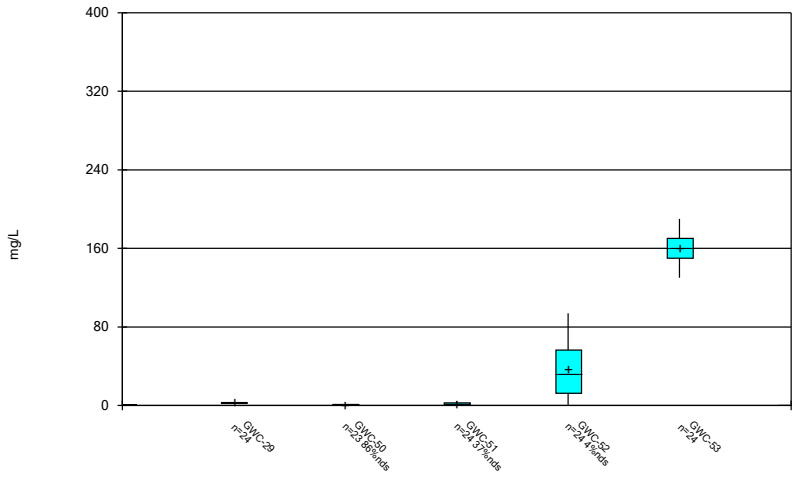
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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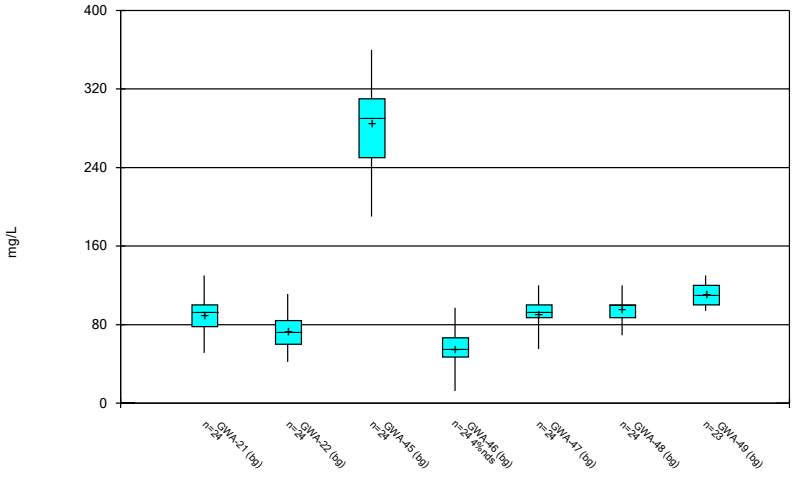
Box & Whiskers Plot

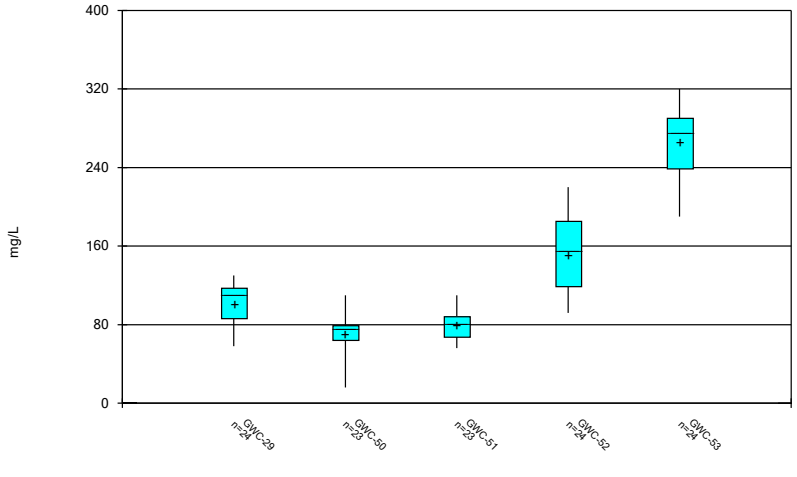


Constituent: TDS Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

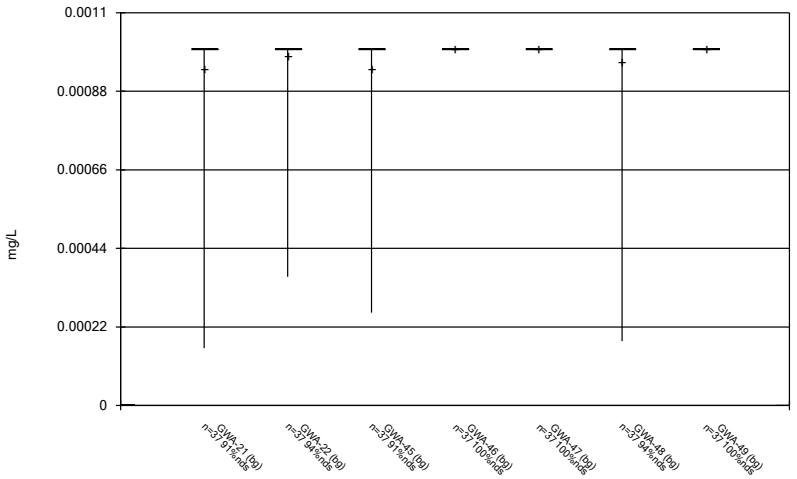


Constituent: TDS Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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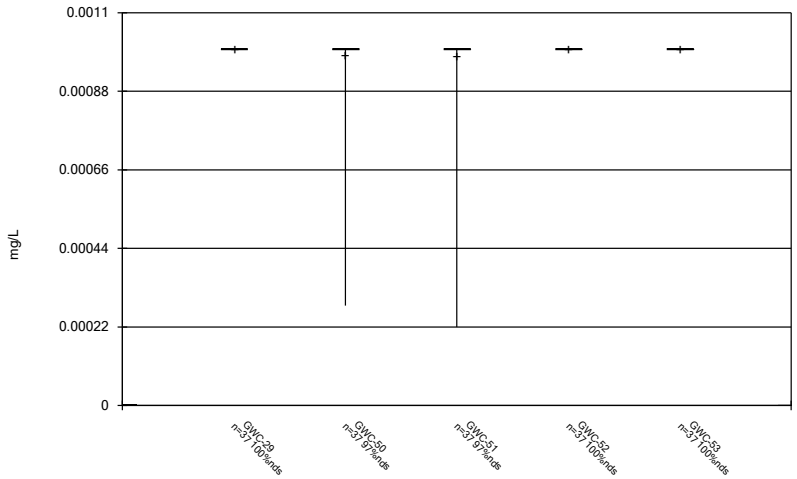
Box & Whiskers Plot

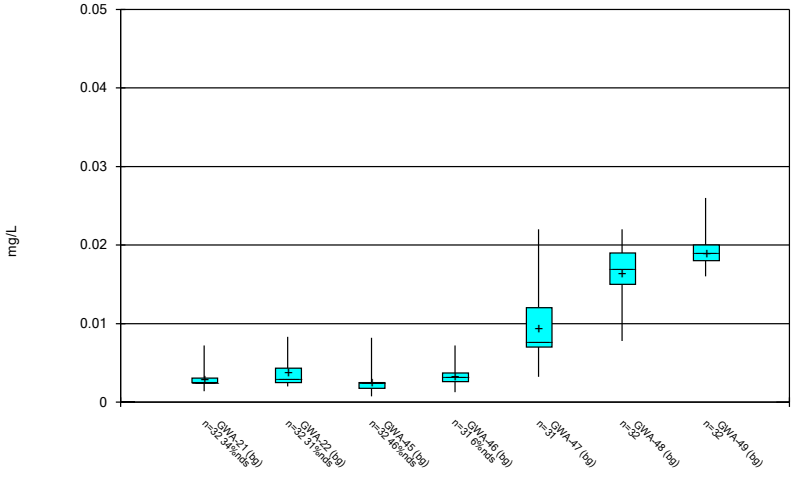


Constituent: Thallium Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

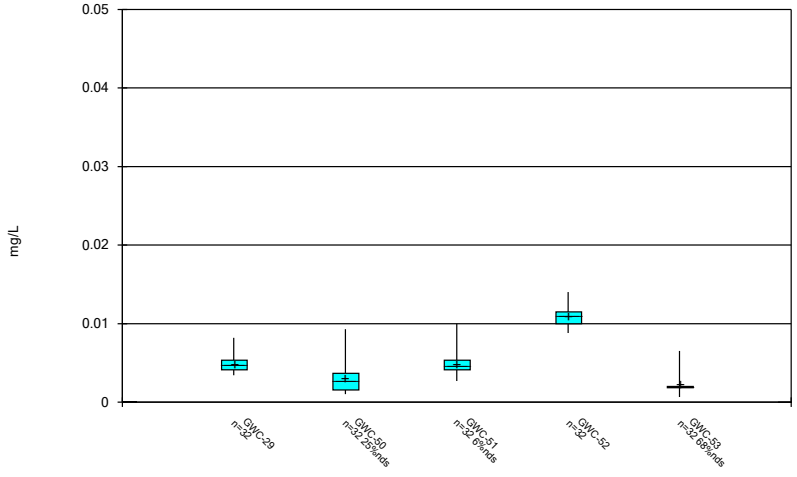


Constituent: Vanadium Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

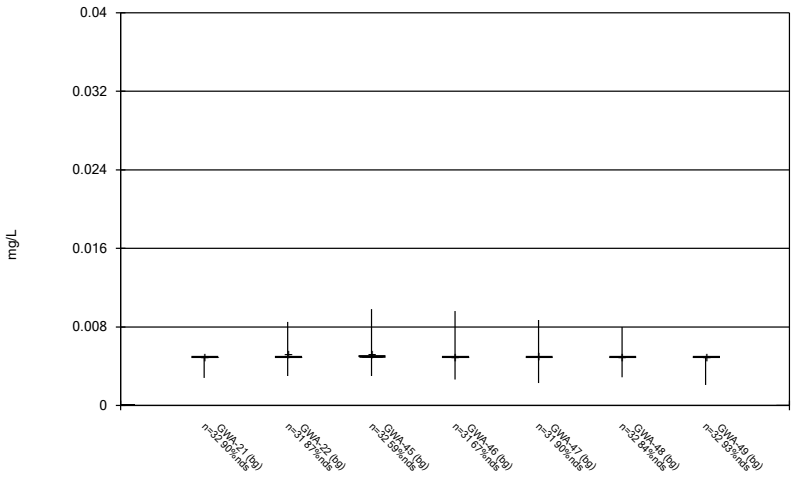


Constituent: Vanadium Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

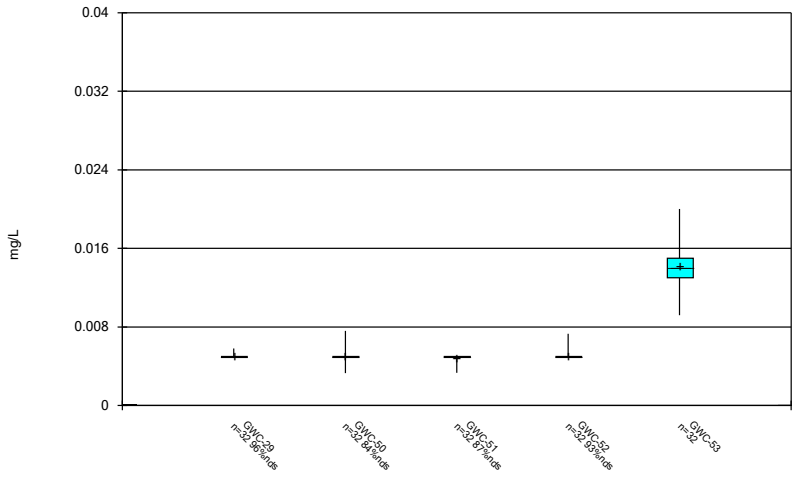


Constituent: Zinc Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWA-21 Barium (mg/L)	GWA-45 Barium (mg/L)	GWA-46 Barium (mg/L)	GWA-47 Barium (mg/L)	GWA-48 Barium (mg/L)	GWC-50 Boron (mg/L)	GWC-50 Calcium (mg/L)	GWA-45 Chloride (mg/L)	GWA-48 Chloride (mg/L)	GWC-29 Chloride (mg/L)
12/20/2010										
12/21/2010					0.055 (JO)					
12/22/2010										
2/14/2011					0.05 (JO)					
3/21/2011										
4/26/2011										
10/26/2011										
5/1/2012										
11/8/2012			0.048 (O)							
11/4/2013										
11/5/2013										
5/23/2014				0.088 (O)						
5/20/2015										
5/21/2015										
5/22/2015										
5/25/2015										
11/13/2015										
4/11/2016										1.57 (O)
6/14/2016										
12/19/2016									2.7 (O)	
2/13/2017										
10/9/2017										
3/26/2018										
10/3/2018	0.022 (O)									
9/12/2019		0.1 (O)								
12/2/2019		0.11 (O)								
3/19/2020		0.11 (O)								
9/11/2020		0.15 (O)								
4/2/2021		0.11 (O)								
3/1/2023						0.95 (o)	20 (o)			
8/8/2024								27 (o)		

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWC-50 Chloride (mg/L)	GWC-51 Chloride (mg/L)	GWC-52 Chloride (mg/L)	GWC-53 Chloride (mg/L)	GWA-22 Cobalt (mg/L)	GWA-45 Cobalt (mg/L)	GWA-47 Cobalt (mg/L)	GWA-48 Cobalt (mg/L)	GWA-21 Copper (mg/L)	GWA-22 Copper (mg/L)
12/20/2010						0.012 (o)	0.0033 (JO)			
12/21/2010										
12/22/2010					0.0038 (JO)					
2/14/2011						0.0093 (Jo)				
3/21/2011						0.0076 (Jo)				
4/26/2011						0.0058 (Io)				
10/26/2011						0.005 (Jo)				
5/1/2012								0.0039 (O)		
11/8/2012										
11/4/2013										
11/5/2013										
5/23/2014							0.0048 (JO)			
5/20/2015										
5/21/2015									0.0028 (JO)	
5/22/2015										
5/25/2015										
11/13/2015										0.078 (O)
4/11/2016		2.09 (O)	<0.25 (O)							
6/14/2016										
12/19/2016										
2/13/2017										
10/9/2017										
3/26/2018										
10/3/2018										
9/12/2019										
12/2/2019										
3/19/2020										
9/11/2020										
4/2/2021										
3/1/2023	14 (o)									
8/8/2024				29 (o)						

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWA-46 Copper (mg/L)	GWA-47 Copper (mg/L)	GWA-48 Copper (mg/L)	GWC-29 Copper (mg/L)	GWC-50 Copper (mg/L)	GWC-52 Lead (mg/L)	GWC-53 Lead (mg/L)	GWA-21 Nickel (mg/L)	GWA-22 Nickel (mg/L)	GWA-46 Nickel (mg/L)
12/20/2010										
12/21/2010										
12/22/2010									0.003 (JO)	
2/14/2011			0.013 (O)							
3/21/2011										
4/26/2011										
10/26/2011										
5/1/2012										
11/8/2012	0.021 (O)									0.0035 (JO)
11/4/2013										
11/5/2013										
5/23/2014		0.06 (O)								
5/20/2015							0.0026 (JO)			
5/21/2015										
5/22/2015				0.0031 (JO)	0.0031 (JO)					
5/25/2015										
11/13/2015										
4/11/2016										
6/14/2016										
12/19/2016										
2/13/2017										
10/9/2017								0.0024 (JO)		
3/26/2018						0.0034 (O)				
10/3/2018										
9/12/2019										
12/2/2019										
3/19/2020										
9/11/2020										
4/2/2021										
3/1/2023										
8/8/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWC-51 pH, Field (SU)	GWC-52 pH, Field (SU)	GWA-21 Selenium (mg/L)	GWA-45 Selenium (mg/L)	GWA-47 Selenium (mg/L)	GWA-48 Selenium (mg/L)	GWC-52 Selenium (mg/L)	GWA-45 Sulfate (mg/L)	GWC-50 Sulfate (mg/L)	GWC-53 Sulfate (mg/L)
12/20/2010										
12/21/2010										
12/22/2010										
2/14/2011										
3/21/2011										
4/26/2011										
10/26/2011										
5/1/2012										
11/8/2012										
11/4/2013			0.0061 (JO)							
11/5/2013					0.0064 (JO)					
5/23/2014										
5/20/2015				0.0093 (JO)						
5/21/2015			0.0072 (JO)			0.0077 (JO)				
5/22/2015							0.0067 (JO)			
5/25/2015	8.36 (O)	7.63 (O)								
11/13/2015				0.0061 (JO)						
4/11/2016										
6/14/2016										
12/19/2016										
2/13/2017										
10/9/2017										
3/26/2018										
10/3/2018										
9/12/2019										
12/2/2019										
3/19/2020										
9/11/2020										
4/2/2021										
3/1/2023									170 (o)	
8/8/2024								300 (o)		340 (o)

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWA-49 TDS (mg/L)	GWC-50 TDS (mg/L)	GWC-51 TDS (mg/L)	GWA-46 Vanadium (mg/L)	GWA-47 Vanadium (mg/L)	GWA-22 Zinc (mg/L)	GWA-46 Zinc (mg/L)	GWA-47 Zinc (mg/L)	GWC-50 Zinc (mg/L)
12/20/2010									
12/21/2010									
12/22/2010									
2/14/2011									
3/21/2011									
4/26/2011									
10/26/2011									
5/1/2012									
11/8/2012				0.02 (O)			0.013 (JO)		
11/4/2013									
11/5/2013									
5/23/2014					0.041 (O)			0.014 (JO)	
5/20/2015									
5/21/2015									
5/22/2015									
5/25/2015									
11/13/2015						0.039 (O)			
4/11/2016									
6/14/2016	56 (O)								
12/19/2016									
2/13/2017			12 (O)						
10/9/2017									
3/26/2018									
10/3/2018									
9/12/2019									
12/2/2019									
3/19/2020									
9/11/2020									
4/2/2021									
3/1/2023		290 (o)							0.016 (o)
8/8/2024									

Tukey's Outlier Test - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium (mg/L)	GWA-46 (bg)	Yes	0.048	NP	NaN	37	0.02099	0.004956	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-48 (bg)	Yes	0.055,0.05	NP	NaN	37	0.0168	0.009501	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-50	Yes	0.029,0.038	NP	NaN	37	0.01339	0.00525	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-51	Yes	0.019	NP	NaN	37	0.01029	0.001798	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-50	Yes	20	NP	NaN	24	7.785	2.644	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-48 (bg)	Yes	2.7	NP	NaN	24	1.798	0.2295	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-50	Yes	14	NP	NaN	25	2.388	2.423	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-53	Yes	29	NP	NaN	27	12.53	3.712	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-47 (bg)	Yes	0.044,0.045	NP	NaN	37	0.01194	0.009327	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-50	Yes	0.0089	NP	NaN	37	0.004324	0.001337	normal	ShapiroWilk
Chromium (mg/L)	GWC-53	Yes	0.0035,0.0041,0.0053	NP	NaN	37	0.002146	0.0008109	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-22 (bg)	Yes	0.0038	NP	NaN	37	0.002074	0.0008946	x^2	ShapiroWilk
Copper (mg/L)	GWA-48 (bg)	Yes	0.0084,0.013,0.0061,0.0039,0.00083,0.00093	NP	NaN	32	0.002764	0.002334	ln(x)	ShapiroWilk
Lead (mg/L)	GWA-49 (bg)	Yes	0.0046,0.006,0.0062	NP	NaN	37	0.001663	0.001423	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-52	Yes	0.0059,0.006	NP	NaN	37	0.001708	0.001399	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWA-21 (bg)	Yes	0.0024,0.00097,0.00097,0.00037,0.00095,0.00046,0.	NP	NaN	32	0.001023	0.0003089	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWC-50	Yes	0.0012,0.0015,0.0017,0.0019,0.0036,0.0031,0.0073,	NP	NaN	32	0.002666	0.0009667	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-51	Yes	0.0018,0.0021,0.0021,0.0019,0.002,0.002,0.0034	NP	NaN	32	0.002441	0.0002917	x^(1/3)	ShapiroWilk
pH, Field (SU)	GWA-46 (bg)	Yes	6.83	NP	NaN	41	5.833	0.2014	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-51	Yes	8.36	NP	NaN	41	5.93	0.404	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-52	Yes	7.63	NP	NaN	41	6.682	0.2022	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-53	Yes	6.14	NP	NaN	42	5.621	0.1233	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-53	Yes	340	NP	NaN	25	167.4	39.23	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-50	Yes	16,290	NP	NaN	24	80.08	48.25	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-21 (bg)	Yes	0.0067,0.0072	NP	NaN	32	0.002944	0.001204	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-45 (bg)	Yes	0.0082	NP	NaN	32	0.002527	0.00139	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-46 (bg)	Yes	0.02	NP	NaN	32	0.003935	0.003236	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-46 (bg)	Yes	0.013,0.00265,0.0096,0.0091,0.0035,0.0035,0.0038,	NP	NaN	32	0.005155	0.001981	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.001973	0.0001644	unknown	ShapiroWilk
Antimony (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.001957	0.000263	unknown	ShapiroWilk
Antimony (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.001962	0.0002318	unknown	ShapiroWilk
Antimony (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.00197	0.0001825	unknown	ShapiroWilk
Antimony (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-50	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.001969	0.0001858	unknown	ShapiroWilk
Antimony (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Arsenic (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.0009968	0.00001973	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.0009986	0.0001377	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.001008	0.00004932	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.001003	0.00001644	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.0009784	0.0001144	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	37	0.00099	0.00007944	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.001011	0.00005155	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.0009897	0.00008105	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-51	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Arsenic (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.0009814	0.0001134	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.001014	0.00005355	unknown	ShapiroWilk
Barium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.02235	0.002944	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	37	0.02404	0.002949	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	38	0.05027	0.03147	ln(x)	ShapiroWilk
Barium (mg/L)	**GWA-46 (bg)**	**Yes**	**0.048**	**NP**	**NaN**	**37**	**0.02099**	**0.004956**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	37	0.03135	0.01149	ln(x)	ShapiroWilk
Barium (mg/L)	**GWA-48 (bg)**	**Yes**	**0.055,0.05**	**NP**	**NaN**	**37**	**0.0168**	**0.009501**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.01962	0.001535	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.01715	0.002775	ln(x)	ShapiroWilk
Barium (mg/L)	**GWC-50**	**Yes**	**0.029,0.038**	**NP**	**NaN**	**37**	**0.01339**	**0.00525**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	**GWC-51**	**Yes**	**0.019**	**NP**	**NaN**	**37**	**0.01029**	**0.001798**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.01466	0.006079	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.05851	0.0227	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.002438	0.0003798	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.002438	0.0003748	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-50	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.002433	0.0004077	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Boron (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	24	0.07559	0.01677	unknown	ShapiroWilk
Boron (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	24	0.07941	0.02967	unknown	ShapiroWilk
Boron (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	24	0.7757	0.3306	x^2	ShapiroWilk
Boron (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	24	0.07662	0.01719	unknown	ShapiroWilk
Boron (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	24	0.07478	0.01834	unknown	ShapiroWilk
Boron (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	24	0.07466	0.02197	unknown	ShapiroWilk
Boron (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	24	0.07758	0.01184	unknown	ShapiroWilk
Boron (mg/L)	GWC-29	n/a	n/a	NP	NaN	24	0.07425	0.01903	unknown	ShapiroWilk
Boron (mg/L)	GWC-50	n/a	n/a	NP	NaN	24	0.1162	0.1776	unknown	ShapiroWilk
Boron (mg/L)	GWC-51	n/a	n/a	NP	NaN	24	0.07256	0.02068	unknown	ShapiroWilk
Boron (mg/L)	GWC-52	n/a	n/a	NP	NaN	24	0.0698	0.02368	unknown	ShapiroWilk
Boron (mg/L)	GWC-53	No	n/a	NP	NaN	24	0.9635	0.08597	ln(x)	ShapiroWilk
Cadmium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.002476	0.000148	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Cadmium (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.002434	0.0003988	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-51	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.002437	0.000383	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.002435	0.0003962	unknown	ShapiroWilk
Calcium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	8.228	1.44	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	24	7.808	1.787	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	24	32.18	7.169	normal	ShapiroWilk
Calcium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	5.961	0.6345	normal	ShapiroWilk
Calcium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	11.78	1.69	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	24	12.46	0.7655	x^4	ShapiroWilk
Calcium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	14.31	0.8179	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-29	No	n/a	NP	NaN	24	13.18	3.864	ln(x)	ShapiroWilk
Calcium (mg/L)	**GWC-50**	**Yes**	**20**	**NP**	**NaN**	**24**	**7.785**	**2.644**	**ln(x)**	**ShapiroWilk**
Calcium (mg/L)	GWC-51	No	n/a	NP	NaN	24	7.1	0.7723	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-52	No	n/a	NP	NaN	24	17.96	5.574	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-53	No	n/a	NP	NaN	24	17.66	1.861	x^2	ShapiroWilk
Chloride (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	3.406	0.4435	x^3	ShapiroWilk
Chloride (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	24	2.554	0.8939	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	25	11.53	3.613	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	4.18	1.044	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	1.557	0.169	normal	ShapiroWilk
Chloride (mg/L)	**GWA-48 (bg)**	**Yes**	**2.7**	**NP**	**NaN**	**24**	**1.798**	**0.2295**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	2.07	0.1256	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-29	No	n/a	NP	NaN	24	3.353	0.4821	x^4	ShapiroWilk
Chloride (mg/L)	**GWC-50**	**Yes**	**14**	**NP**	**NaN**	**25**	**2.388**	**2.423**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	GWC-51	No	n/a	NP	NaN	24	7.045	1.253	x^4	ShapiroWilk
Chloride (mg/L)	GWC-52	No	n/a	NP	NaN	24	7.459	1.755	x^6	ShapiroWilk
Chloride (mg/L)	**GWC-53**	**Yes**	**29**	**NP**	**NaN**	**27**	**12.53**	**3.712**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.002921	0.002039	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	37	0.007716	0.002579	normal	ShapiroWilk
Chromium (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.00198	0.0004893	unknown	ShapiroWilk
Chromium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.004832	0.001126	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWA-47 (bg)**	**Yes**	**0.044,0.045**	**NP**	**NaN**	**37**	**0.01194**	**0.009327**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	37	0.00744	0.004777	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.006273	0.00135	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.001997	0.0006427	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-50**	**Yes**	**0.0089**	**NP**	**NaN**	**37**	**0.004324**	**0.001337**	**normal**	**ShapiroWilk**
Chromium (mg/L)	GWC-51	No	n/a	NP	NaN	37	0.004129	0.001618	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.01746	0.01095	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-53**	**Yes**	**0.0035,0.0041,0.0053**	**NP**	**NaN**	**37**	**0.002146**	**0.0008109**	**ln(x)**	**ShapiroWilk**
Cobalt (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.00175	0.001009	ln(x)	ShapiroWilk
Cobalt (mg/L)	**GWA-22 (bg)**	**Yes**	**0.0038**	**NP**	**NaN**	**37**	**0.002074**	**0.0008946**	**x^2**	**ShapiroWilk**
Cobalt (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	37	0.004229	0.003715	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.002308	0.000657	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.00235	0.0008571	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.002353	0.0006833	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	37	0.002213	0.0007398	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.002436	0.0003863	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.002655	0.001274	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.002255	0.0007159	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.002434	0.0003995	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.008588	0.003966	sqrt(x)	ShapiroWilk
Copper (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	32	0.001993	0.0002853	unknown	ShapiroWilk
Copper (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	32	0.004406	0.01343	unknown	ShapiroWilk
Copper (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	32	0.002169	0.0009139	unknown	ShapiroWilk
Copper (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	32	0.002594	0.003359	unknown	ShapiroWilk
Copper (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	32	0.007828	0.01166	ln(x)	ShapiroWilk
Copper (mg/L)	**GWA-48 (bg)**	**Yes**	**0.0084,0.013,0.0061,0.0039,0.00083,0.00093**	**NP**	**NaN**	**32**	**0.002764**	**0.002334**	**ln(x)**	**ShapiroWilk**
Copper (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	32	0.001988	0.0002768	unknown	ShapiroWilk
Copper (mg/L)	GWC-29	n/a	n/a	NP	NaN	32	0.002034	0.0001945	unknown	ShapiroWilk
Copper (mg/L)	GWC-50	n/a	n/a	NP	NaN	32	0.002094	0.0005136	unknown	ShapiroWilk
Copper (mg/L)	GWC-51	n/a	n/a	NP	NaN	32	0.001969	0.0002086	unknown	ShapiroWilk
Copper (mg/L)	GWC-52	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWC-53	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Fluoride (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	0.07713	0.02846	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	24	0.07492	0.03052	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	24	0.7607	0.4235	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	0.08496	0.02809	x^6	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Fluoride (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	0.08004	0.02634	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	24	0.07617	0.02777	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	0.07425	0.02954	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-29	No	n/a	NP	NaN	24	0.07683	0.02827	x^(1/3)	ShapiroWilk
Fluoride (mg/L)	GWC-50	No	n/a	NP	NaN	24	0.08063	0.02905	x^(1/3)	ShapiroWilk
Fluoride (mg/L)	GWC-51	No	n/a	NP	NaN	24	0.08267	0.02683	normal	ShapiroWilk
Fluoride (mg/L)	GWC-52	No	n/a	NP	NaN	24	0.1391	0.07427	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-53	n/a	n/a	NP	NaN	24	0.84	0.3654	unknown	ShapiroWilk
Lead (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.001344	0.0008456	unknown	ShapiroWilk
Lead (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.001274	0.0008275	unknown	ShapiroWilk
Lead (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.001365	0.0008846	unknown	ShapiroWilk
Lead (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.001257	0.0006805	unknown	ShapiroWilk
Lead (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.001602	0.001356	unknown	ShapiroWilk
Lead (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.001538	0.00125	unknown	ShapiroWilk
Lead (mg/L)	**GWA-49 (bg)**	**Yes**	**0.0046,0.006,0.0062**	**NP**	**NaN**	**37**	**0.001663**	**0.001423**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.001286	0.0007134	unknown	ShapiroWilk
Lead (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.001333	0.0009294	unknown	ShapiroWilk
Lead (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.001306	0.0008168	unknown	ShapiroWilk
Lead (mg/L)	**GWC-52**	**Yes**	**0.0059,0.006**	**NP**	**NaN**	**37**	**0.001708**	**0.001399**	**x^(1/3)**	**ShapiroWilk**
Lead (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.001021	0.0002997	unknown	ShapiroWilk
Mercury (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.0001842	0.0000405	unknown	ShapiroWilk
Mercury (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.00019	0.00002998	unknown	ShapiroWilk
Mercury (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.0001903	0.0000295	unknown	ShapiroWilk
Mercury (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.0001883	0.00003427	unknown	ShapiroWilk
Mercury (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.000185	0.0000387	unknown	ShapiroWilk
Mercury (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.0001899	0.00003023	unknown	ShapiroWilk
Mercury (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	37	0.0001893	0.00003215	unknown	ShapiroWilk
Mercury (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.0001883	0.00003404	unknown	ShapiroWilk
Mercury (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.0001879	0.00003538	unknown	ShapiroWilk
Mercury (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.0001946	0.00002305	unknown	ShapiroWilk
Mercury (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.0001895	0.00003116	unknown	ShapiroWilk
Mercury (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.0001914	0.0000297	unknown	ShapiroWilk
Nickel (mg/L)	**GWA-21 (bg)**	**Yes**	**0.0024,0.00097,0.00097,0.00037,0.00095,0.00046,0.**	**NP**	**NaN**	**32**	**0.001023**	**0.0003089**	**x^(1/3)**	**ShapiroWilk**
Nickel (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	32	0.001003	0.0004095	unknown	ShapiroWilk
Nickel (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	32	0.0009097	0.0001685	unknown	ShapiroWilk
Nickel (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	32	0.001013	0.0004873	unknown	ShapiroWilk
Nickel (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	32	0.003547	0.005244	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	32	0.002433	0.003168	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	32	0.0009697	0.0002288	unknown	ShapiroWilk
Nickel (mg/L)	GWC-29	No	n/a	NP	NaN	32	0.004102	0.0008207	ln(x)	ShapiroWilk
Nickel (mg/L)	**GWC-50**	**Yes**	**0.0012,0.0015,0.0017,0.0019,0.0036,0.0031,0.0073,**	**NP**	**NaN**	**32**	**0.002666**	**0.0009667**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	**GWC-51**	**Yes**	**0.0018,0.0021,0.0021,0.0019,0.002,0.002,0.0034**	**NP**	**NaN**	**32**	**0.002441**	**0.0002917**	**x^(1/3)**	**ShapiroWilk**
Nickel (mg/L)	GWC-52	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Nickel (mg/L)	GWC-53	No	n/a	NP	NaN	32	0.006966	0.0006312	x^6	ShapiroWilk
pH, Field (SU)	GWA-21 (bg)	No	n/a	NP	NaN	38	5.808	0.1372	x^3	ShapiroWilk
pH, Field (SU)	GWA-22 (bg)	No	n/a	NP	NaN	37	5.985	0.2261	ln(x)	ShapiroWilk
pH, Field (SU)	GWA-45 (bg)	No	n/a	NP	NaN	40	6.133	0.2154	ln(x)	ShapiroWilk
pH, Field (SU)	**GWA-46 (bg)**	**Yes**	**6.83**	**NP**	**NaN**	**41**	**5.833**	**0.2014**	**ln(x)**	**ShapiroWilk**
pH, Field (SU)	GWA-47 (bg)	No	n/a	NP	NaN	42	6.437	0.1026	x^4	ShapiroWilk
pH, Field (SU)	GWA-48 (bg)	No	n/a	NP	NaN	41	6.793	0.1024	ln(x)	ShapiroWilk
pH, Field (SU)	GWA-49 (bg)	No	n/a	NP	NaN	39	6.849	0.1573	x^6	ShapiroWilk
pH, Field (SU)	GWC-29	No	n/a	NP	NaN	38	5.94	0.2437	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-50	No	n/a	NP	NaN	40	5.801	0.1207	x^6	ShapiroWilk
pH, Field (SU)	**GWC-51**	**Yes**	**8.36**	**NP**	**NaN**	**41**	**5.93**	**0.404**	**ln(x)**	**ShapiroWilk**
pH, Field (SU)	**GWC-52**	**Yes**	**7.63**	**NP**	**NaN**	**41**	**6.682**	**0.2022**	**ln(x)**	**ShapiroWilk**
pH, Field (SU)	**GWC-53**	**Yes**	**6.14**	**NP**	**NaN**	**42**	**5.621**	**0.1233**	**ln(x)**	**ShapiroWilk**
Selenium (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.005089	0.0003998	unknown	ShapiroWilk
Selenium (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.004922	0.0003276	unknown	ShapiroWilk
Selenium (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.004754	0.001482	unknown	ShapiroWilk
Selenium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.004959	0.0005351	unknown	ShapiroWilk
Selenium (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.004938	0.0008494	unknown	ShapiroWilk
Selenium (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	37	0.004738	0.000907	unknown	ShapiroWilk
Selenium (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.004857	0.000773	unknown	ShapiroWilk
Selenium (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.0049	0.000491	unknown	ShapiroWilk
Selenium (mg/L)	GWC-51	No	n/a	NP	NaN	37	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.004497	0.001484	unknown	ShapiroWilk
Selenium (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.004593	0.001212	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Silver (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-29	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-50	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-51	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-52	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-53	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Sulfate (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	1.571	0.6482	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	24	0.9621	0.2635	unknown	ShapiroWilk
Sulfate (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	25	159.5	33.91	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	0.8943	0.2848	sqrt(x)	ShapiroWilk
Sulfate (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	0.8839	0.3031	normal	ShapiroWilk
Sulfate (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	24	1.235	0.3833	x^(1/3)	ShapiroWilk
Sulfate (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	0.8236	0.2362	x^2	ShapiroWilk
Sulfate (mg/L)	GWC-29	No	n/a	NP	NaN	24	2.519	0.4072	normal	ShapiroWilk
Sulfate (mg/L)	GWC-50	n/a	n/a	NP	NaN	24	7.977	34.51	unknown	ShapiroWilk
Sulfate (mg/L)	GWC-51	No	n/a	NP	NaN	24	1.628	0.995	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-52	No	n/a	NP	NaN	24	36.72	27.46	sqrt(x)	ShapiroWilk
Sulfate (mg/L)	**GWC-53**	**Yes**	**340**	**NP**	**NaN**	**25**	**167.4**	**39.23**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	89.75	17.27	normal	ShapiroWilk
TDS (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	24	72.5	17.79	sqrt(x)	ShapiroWilk
TDS (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	24	286.1	41.31	x^2	ShapiroWilk
TDS (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	55.35	16.62	normal	ShapiroWilk
TDS (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	90.46	15.75	x^2	ShapiroWilk
TDS (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	24	95.46	12.91	x^3	ShapiroWilk
TDS (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	107.9	14.71	x^3	ShapiroWilk
TDS (mg/L)	GWC-29	No	n/a	NP	NaN	24	100	21.72	x^3	ShapiroWilk
TDS (mg/L)	**GWC-50**	**Yes**	**16,290**	**NP**	**NaN**	**24**	**80.08**	**48.25**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	GWC-51	No	n/a	NP	NaN	24	76.21	18.32	x^2	ShapiroWilk
TDS (mg/L)	GWC-52	No	n/a	NP	NaN	24	151	39.99	normal	ShapiroWilk
TDS (mg/L)	GWC-53	No	n/a	NP	NaN	24	266.2	33.53	x^3	ShapiroWilk
Thallium (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.000943	0.0001985	unknown	ShapiroWilk
Thallium (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.0009789	0.0001071	unknown	ShapiroWilk
Thallium (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.0009443	0.0001904	unknown	ShapiroWilk
Thallium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.0009624	0.000162	unknown	ShapiroWilk
Thallium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.0009805	0.0001184	unknown	ShapiroWilk
Thallium (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.0009789	0.0001282	unknown	ShapiroWilk
Thallium (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Vanadium (mg/L)	**GWA-21 (bg)**	**Yes**	**0.0067,0.0072**	**NP**	**NaN**	**32**	**0.002944**	**0.001204**	**ln(x)**	**ShapiroWilk**
Vanadium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	32	0.003809	0.001897	ln(x)	ShapiroWilk
Vanadium (mg/L)	**GWA-45 (bg)**	**Yes**	**0.0082**	**NP**	**NaN**	**32**	**0.002527**	**0.00139**	**ln(x)**	**ShapiroWilk**
Vanadium (mg/L)	**GWA-46 (bg)**	**Yes**	**0.02**	**NP**	**NaN**	**32**	**0.003935**	**0.003236**	**ln(x)**	**ShapiroWilk**
Vanadium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	32	0.01048	0.006859	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	32	0.01647	0.003302	x^3	ShapiroWilk
Vanadium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	32	0.01904	0.002052	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-29	No	n/a	NP	NaN	32	0.00495	0.001159	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-50	No	n/a	NP	NaN	32	0.003095	0.00203	x^(1/3)	ShapiroWilk
Vanadium (mg/L)	GWC-51	No	n/a	NP	NaN	32	0.004955	0.001495	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-52	No	n/a	NP	NaN	32	0.01096	0.001282	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-53	n/a	n/a	NP	NaN	32	0.002197	0.001004	unknown	ShapiroWilk
Zinc (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	32	0.004912	0.0003933	unknown	ShapiroWilk
Zinc (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	32	0.006219	0.006044	unknown	ShapiroWilk
Zinc (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	32	0.0141	0.007365	ln(x)	ShapiroWilk
Zinc (mg/L)	**GWA-46 (bg)**	**Yes**	**0.013,0.00265,0.0096,0.0091,0.0035,0.0035,0.0038,**	**NP**	**NaN**	**32**	**0.005155**	**0.001981**	**ln(x)**	**ShapiroWilk**
Zinc (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	32	0.005309	0.001787	unknown	ShapiroWilk
Zinc (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	32	0.004968	0.0006982	unknown	ShapiroWilk
Zinc (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	32	0.004881	0.0005352	unknown	ShapiroWilk
Zinc (mg/L)	GWC-29	n/a	n/a	NP	NaN	32	0.005025	0.0001414	unknown	ShapiroWilk

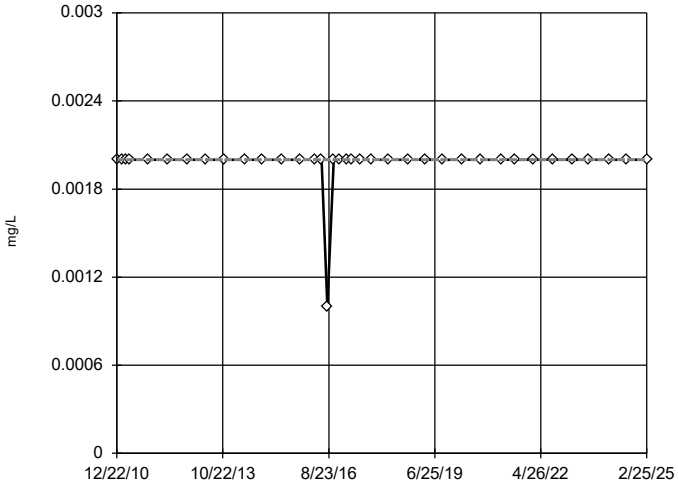
Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Zinc (mg/L)	GWC-50	n/a	n/a	NP	NaN	33	0.005352	0.002007	unknown	ShapiroWilk
Zinc (mg/L)	GWC-51	n/a	n/a	NP	NaN	32	0.004845	0.0004365	unknown	ShapiroWilk
Zinc (mg/L)	GWC-52	n/a	n/a	NP	NaN	32	0.005119	0.0004782	unknown	ShapiroWilk
Zinc (mg/L)	GWC-53	No	n/a	NP	NaN	32	0.01422	0.002517	normal	ShapiroWilk

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/17/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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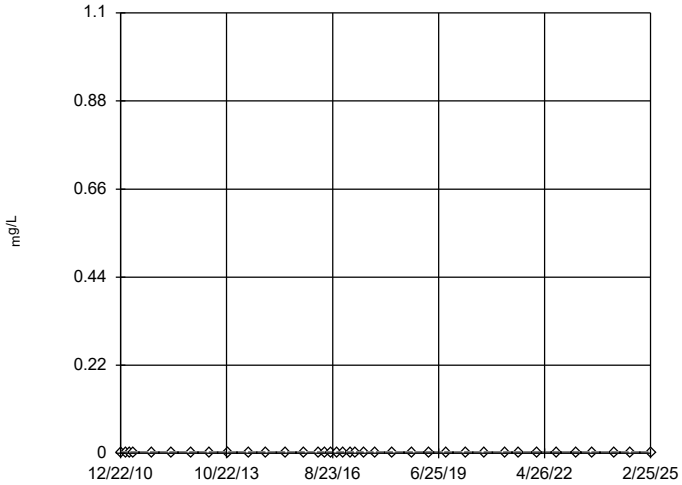
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/17/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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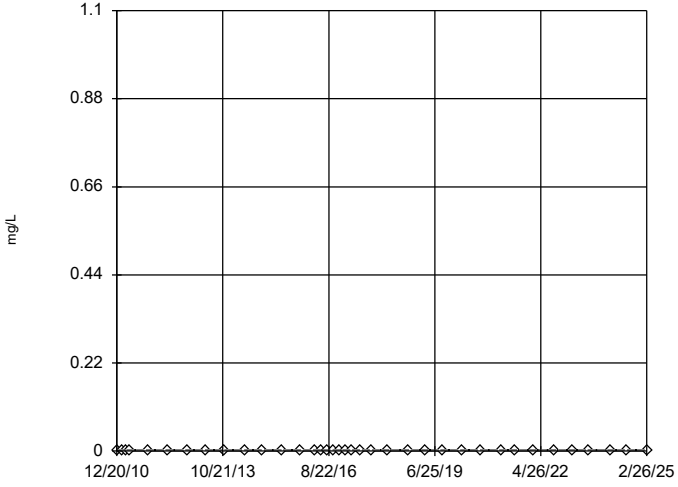
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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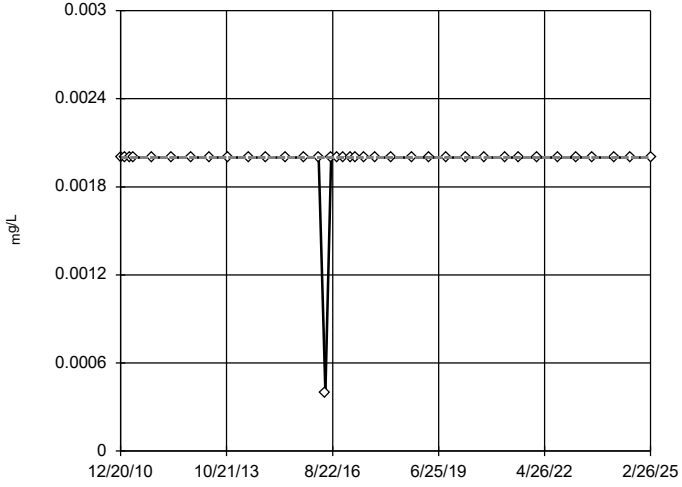
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

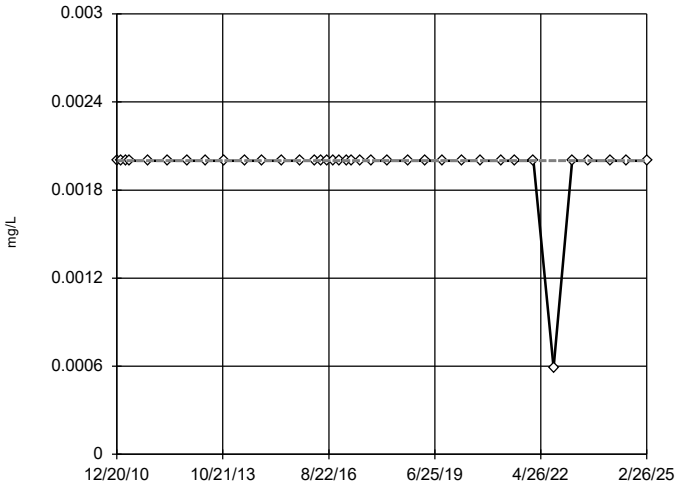
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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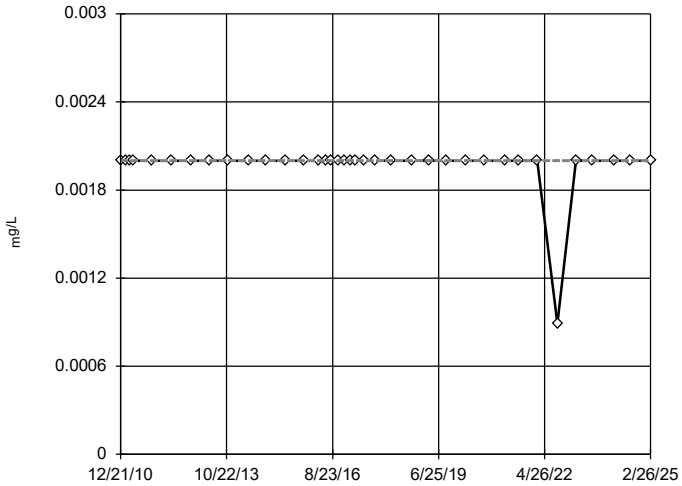
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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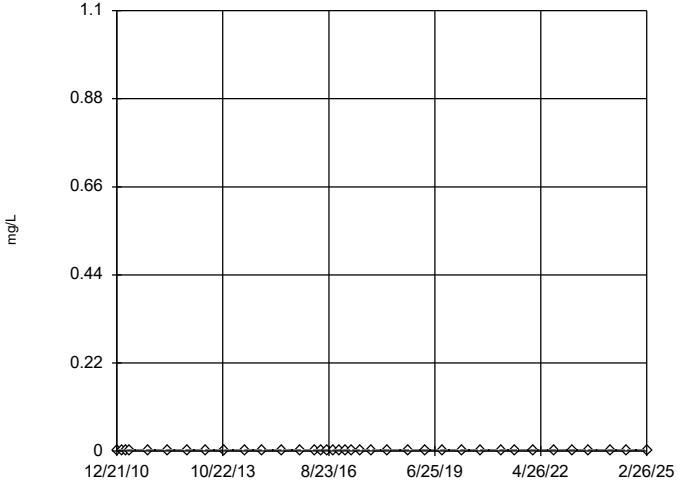
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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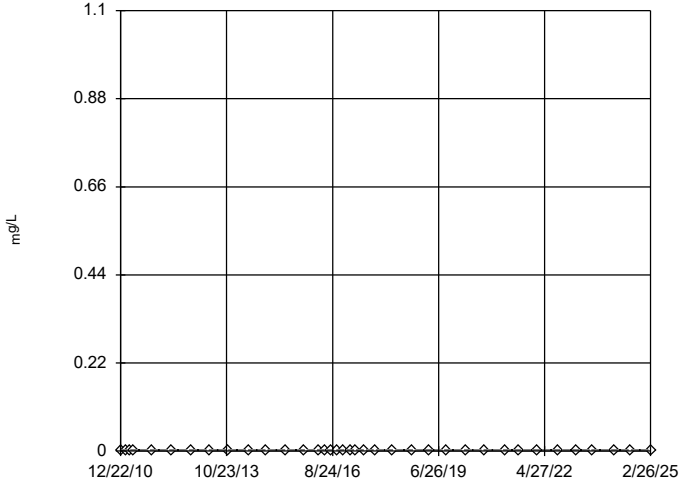
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

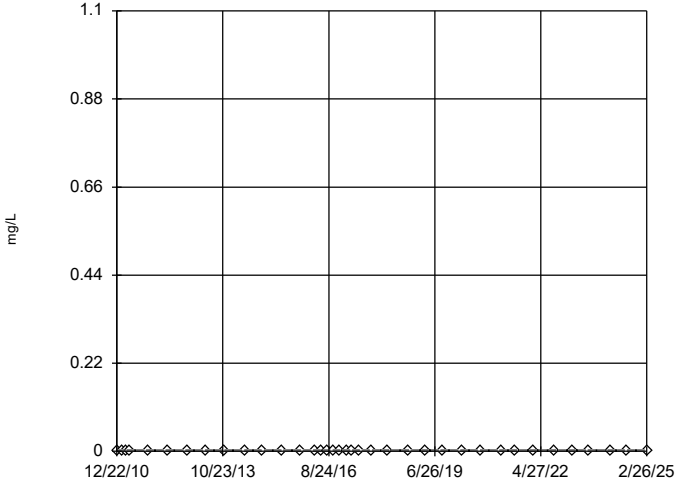
All values are the same.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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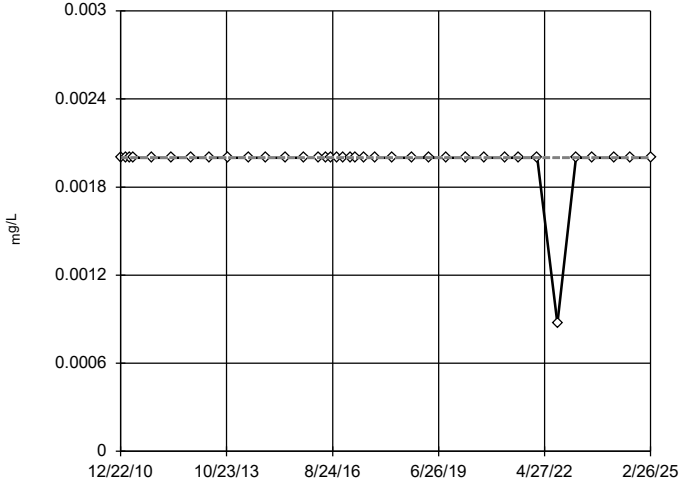
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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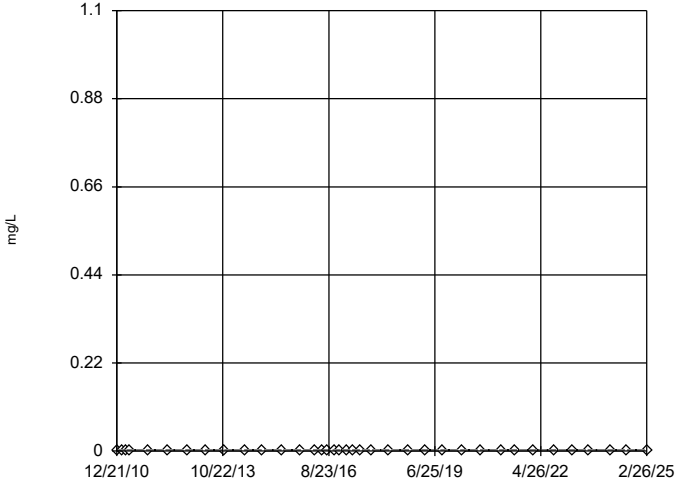
Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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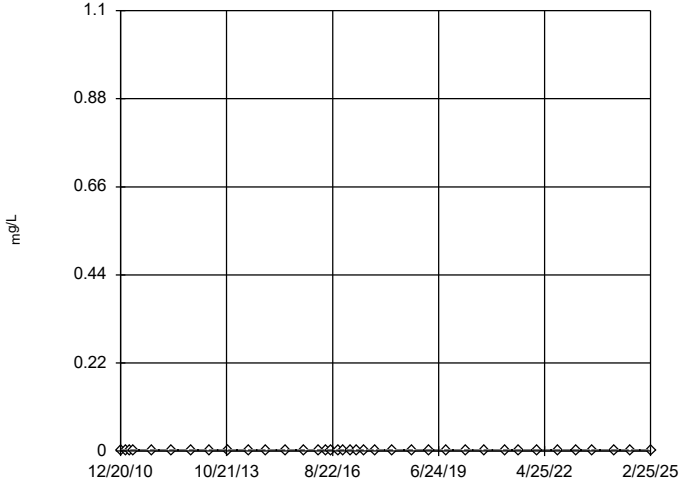
Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

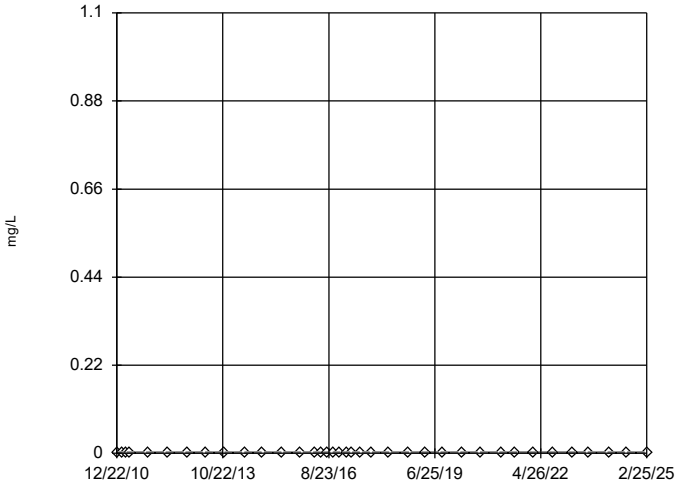
All values are the same.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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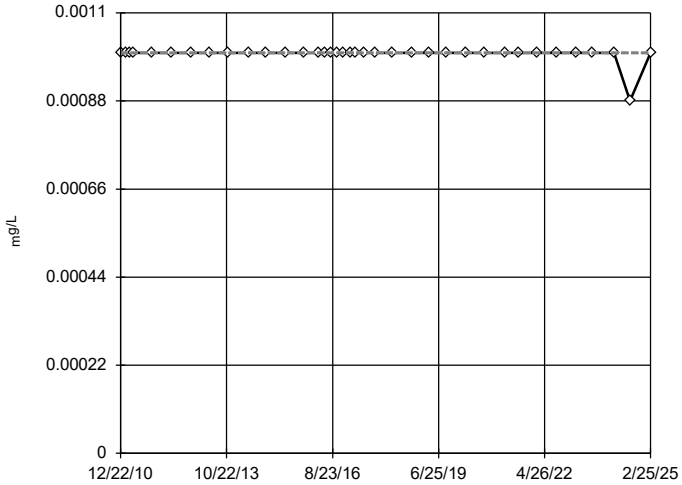
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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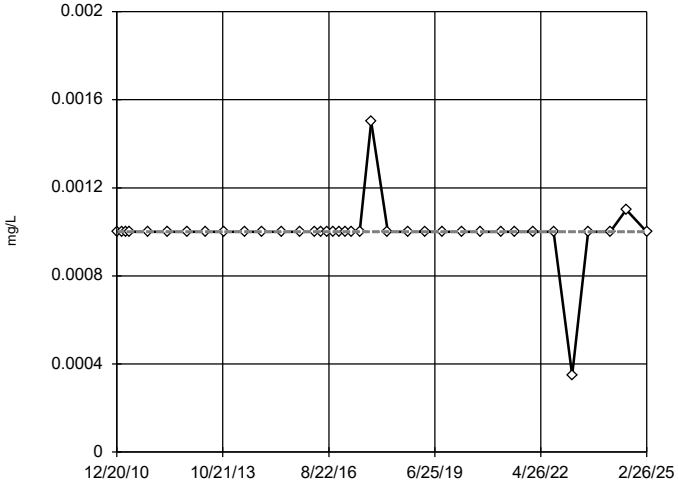
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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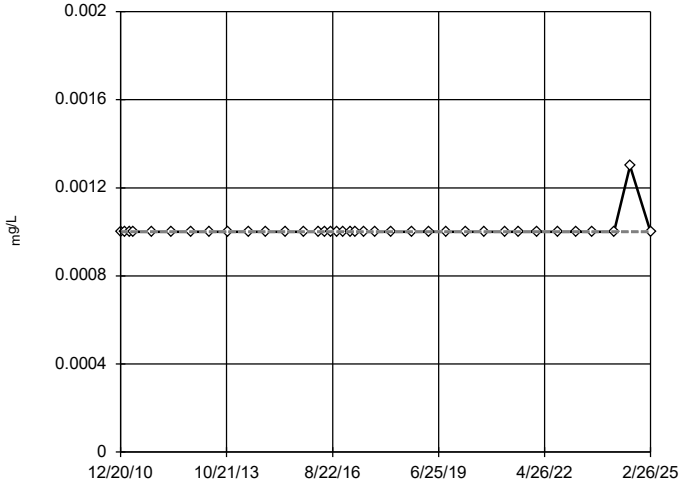
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

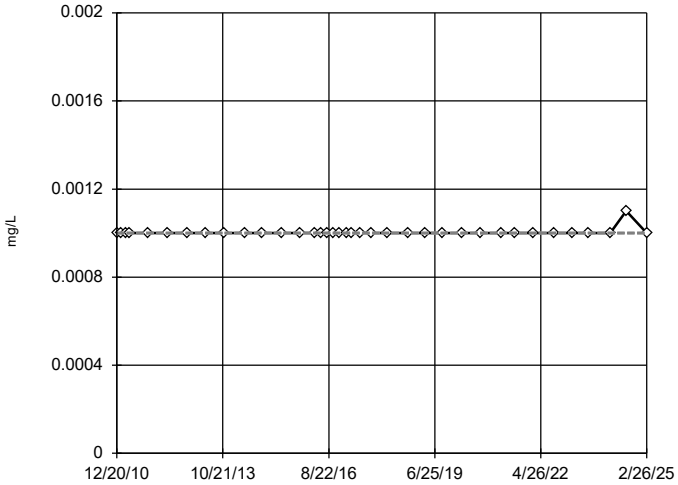
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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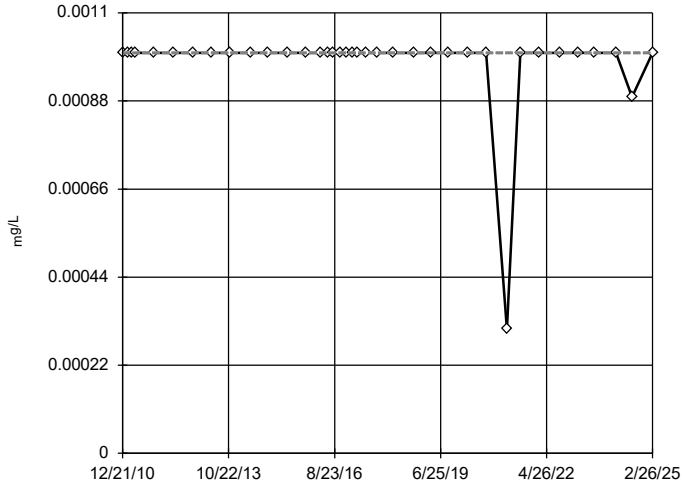
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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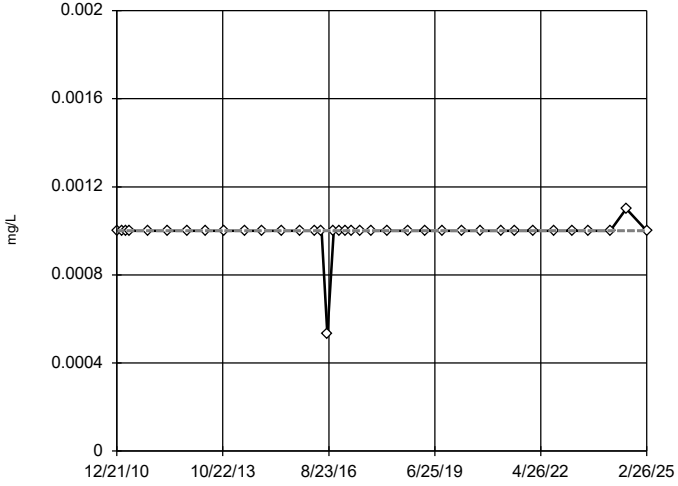
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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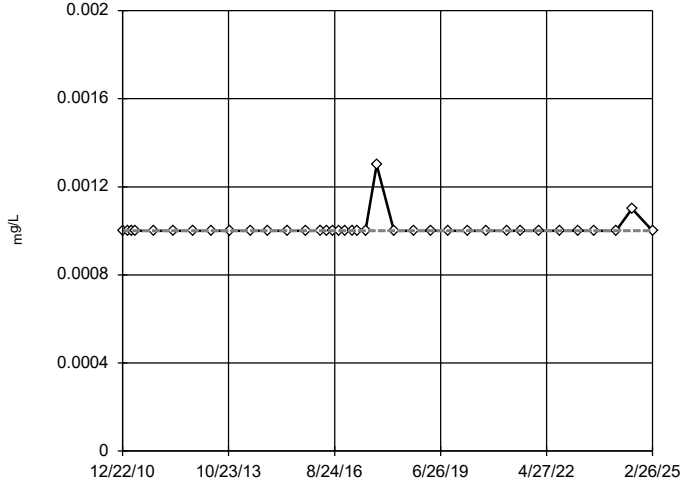
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

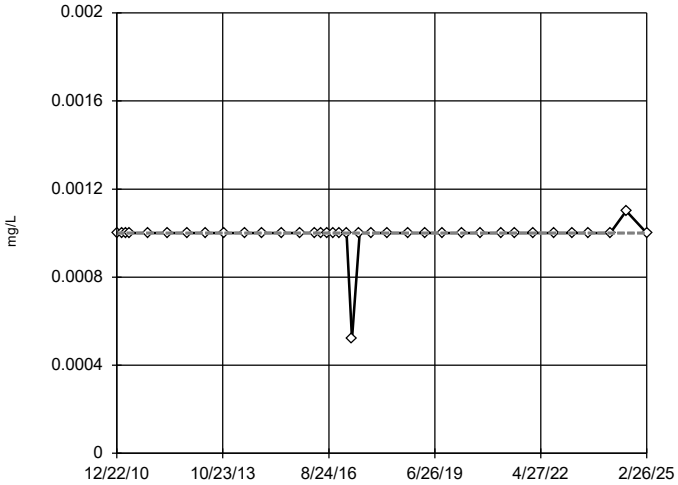
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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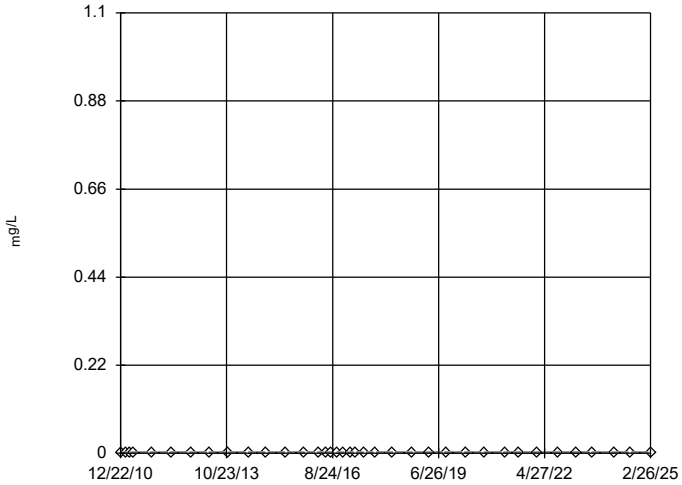
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

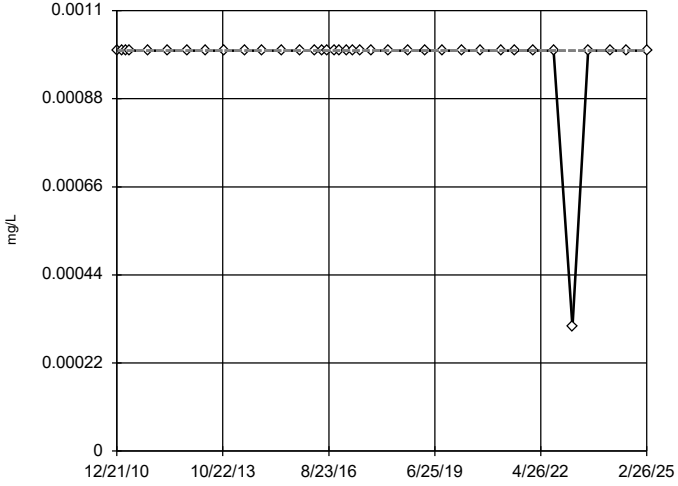
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

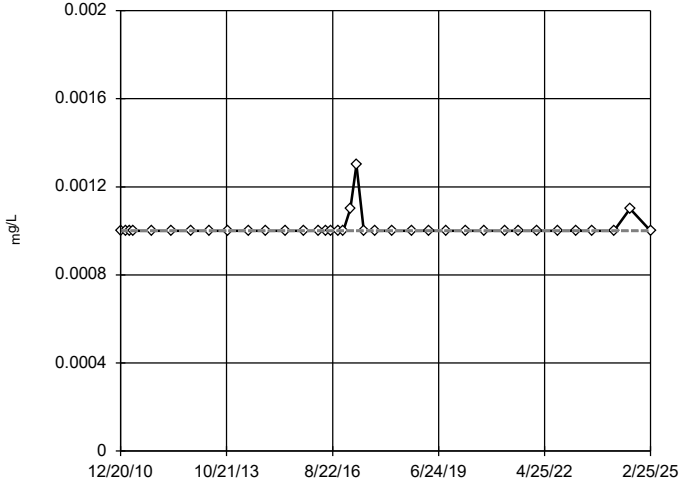
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

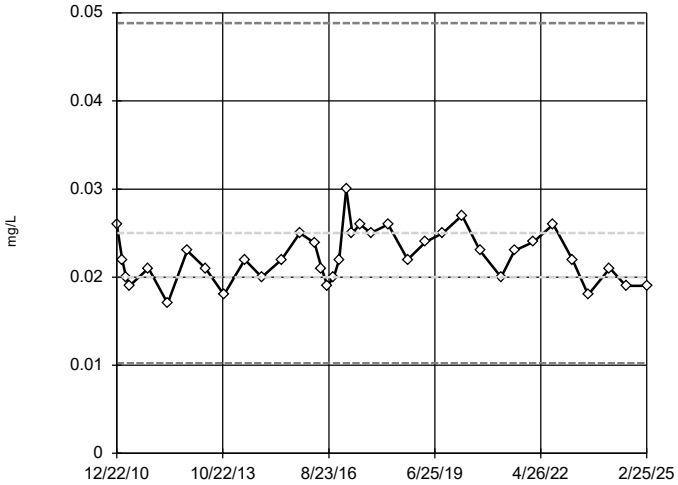
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04883, low cutoff = 0.01024, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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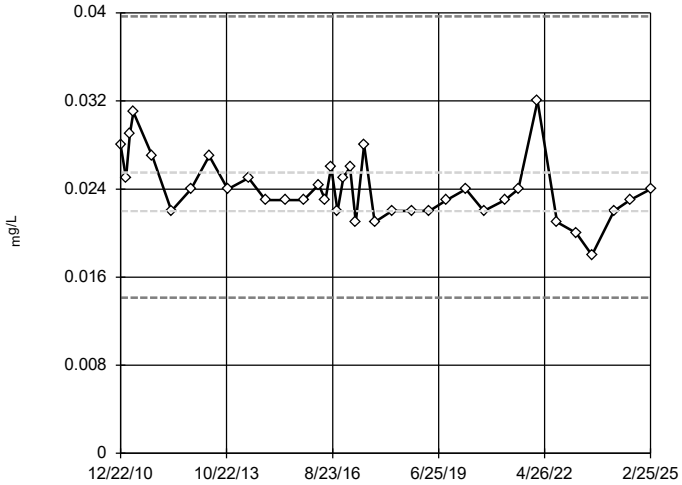
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03968, low cutoff = 0.01414, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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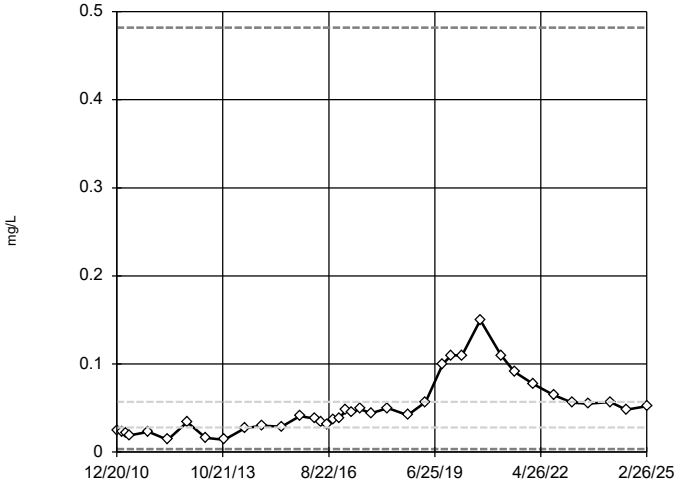
Tukey's Outlier Screening

GWA-45 (bg)



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.4818, low cutoff = 0.003311, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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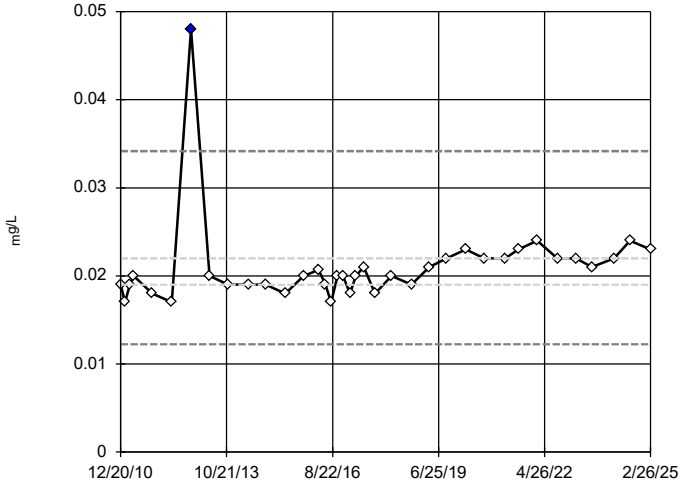
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03415, low cutoff = 0.01224, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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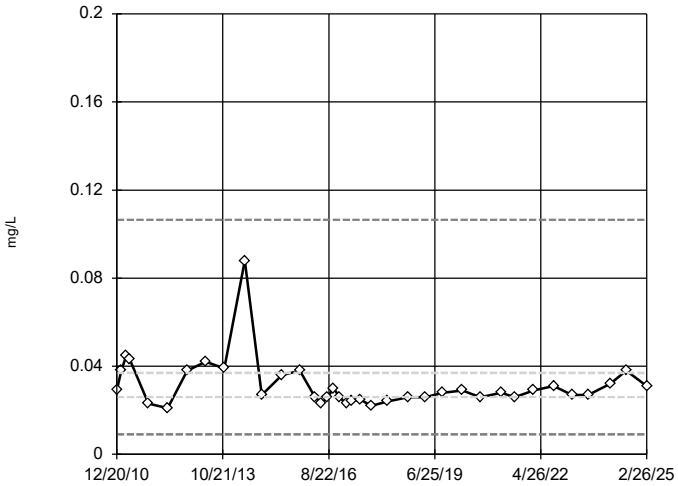
Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1065,
low cutoff = 0.009032,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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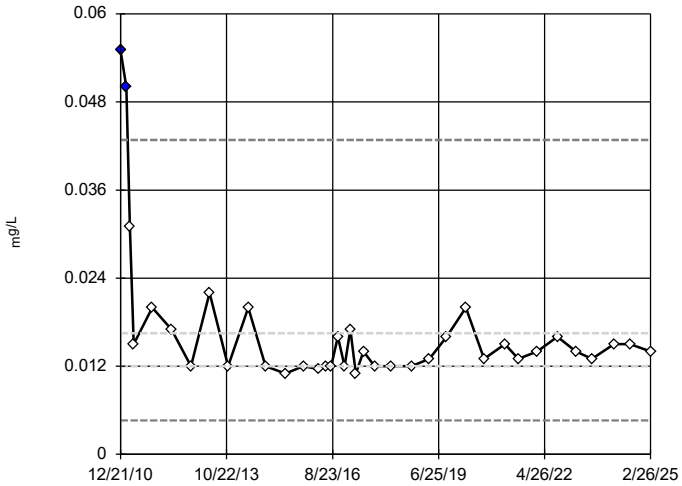
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04281,
low cutoff = 0.004622,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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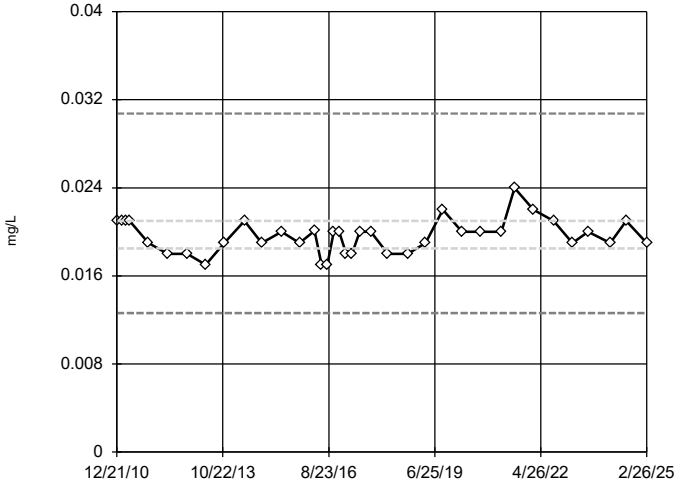
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03075,
low cutoff = 0.01263,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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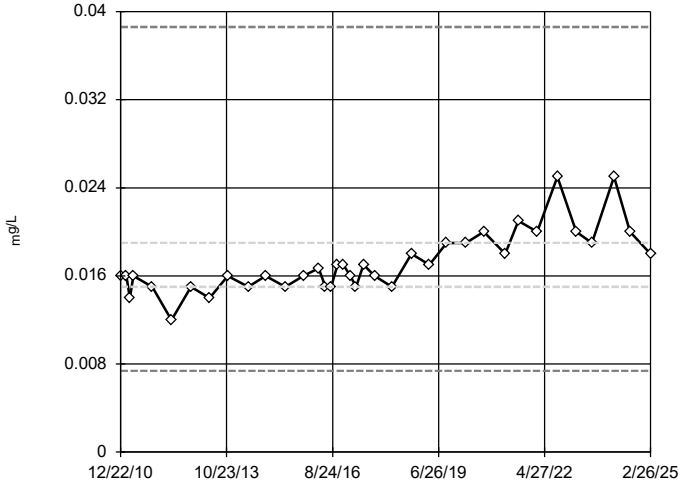
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03861,
low cutoff = 0.007381,
based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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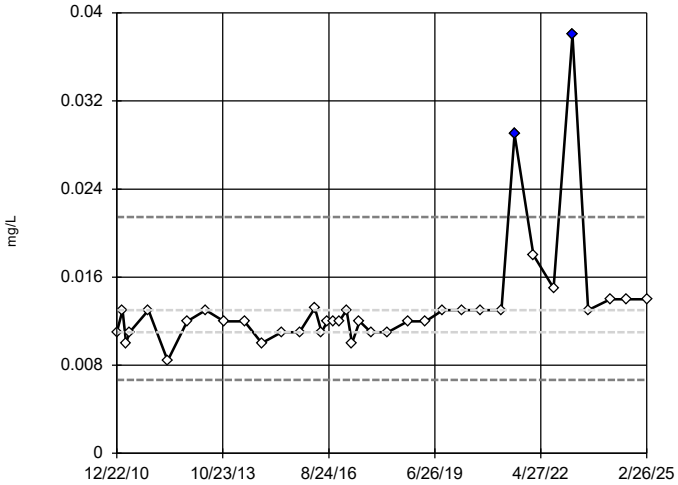
Tukey's Outlier Screening

GWC-50



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02146, low cutoff = 0.006664, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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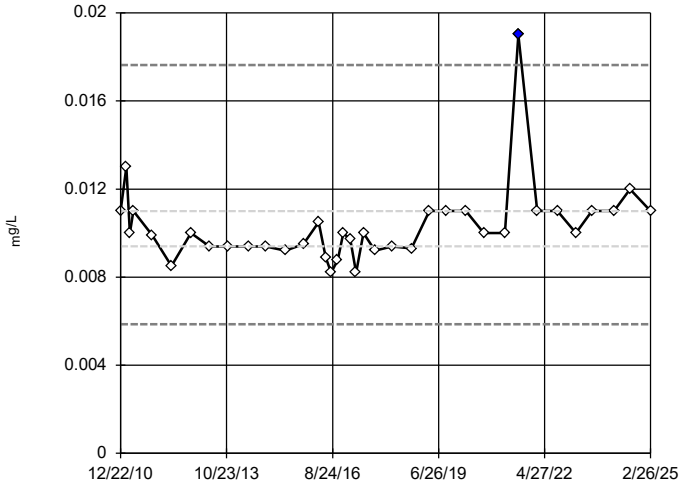
Tukey's Outlier Screening

GWC-51



n = 37

Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01763, low cutoff = 0.005866, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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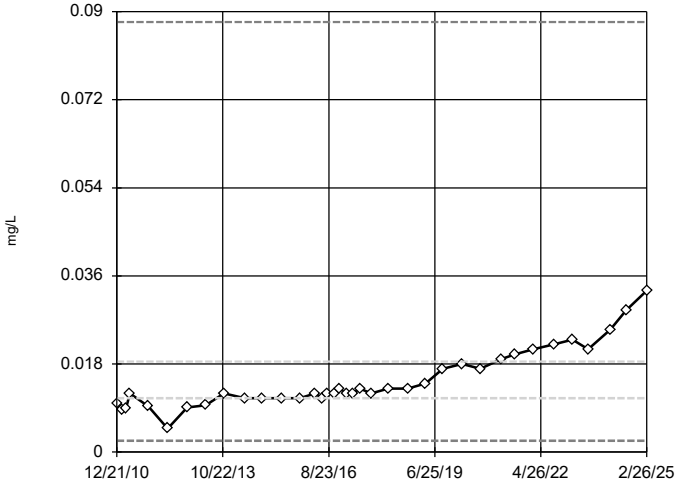
Tukey's Outlier Screening

GWC-52



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08788, low cutoff = 0.002315, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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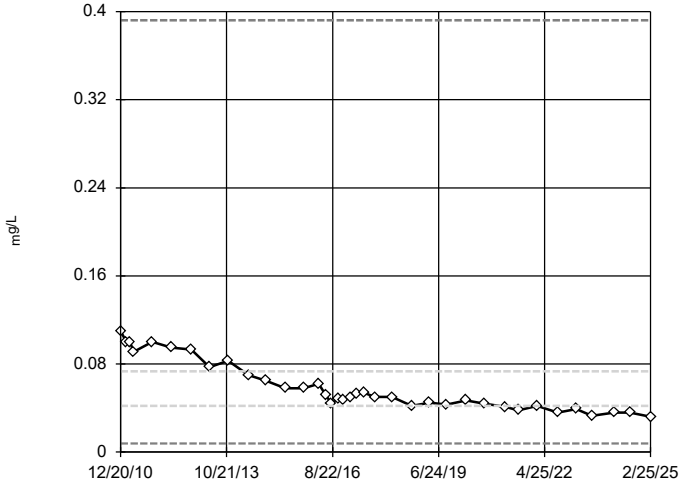
Tukey's Outlier Screening

GWC-53



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

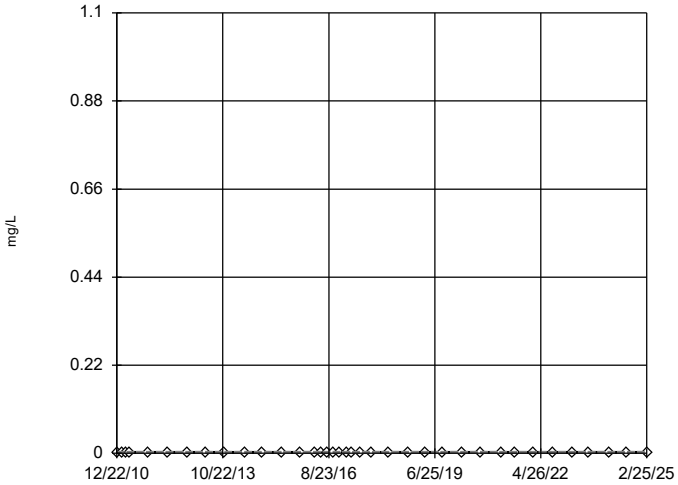
High cutoff = 0.3921, low cutoff = 0.007863, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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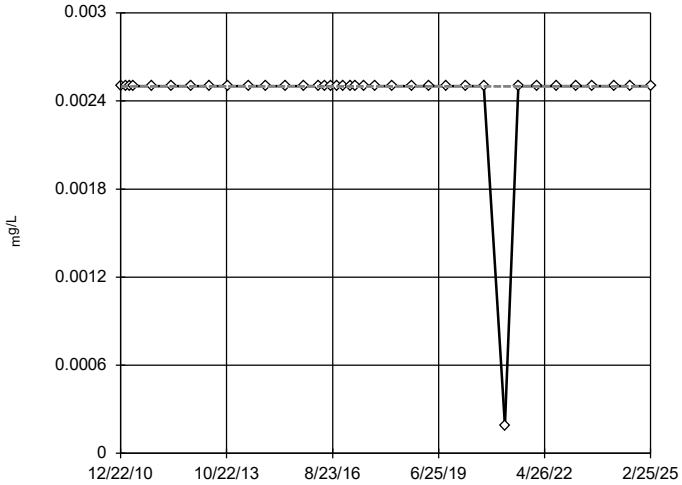
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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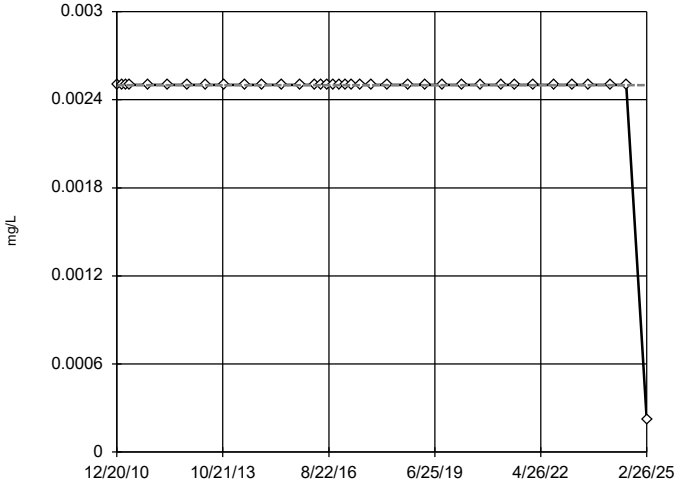
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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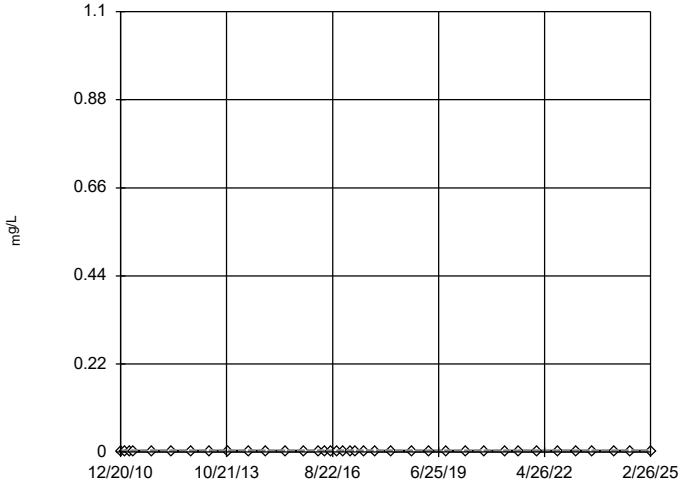
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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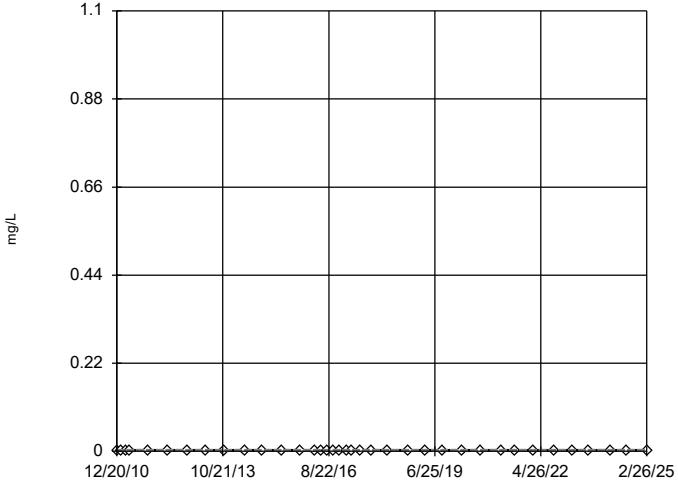
Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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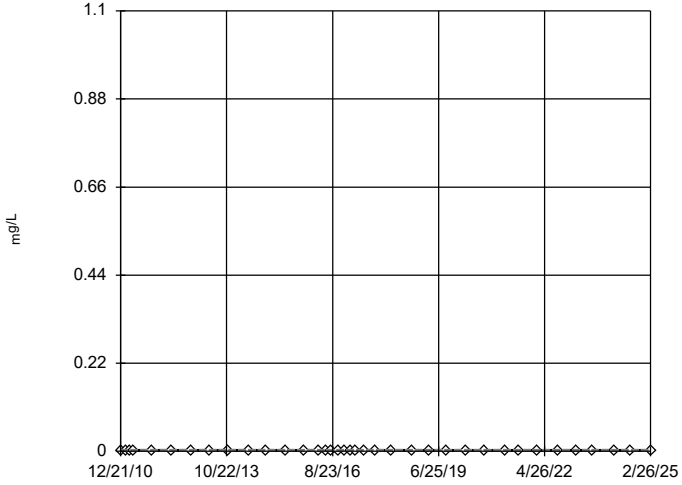
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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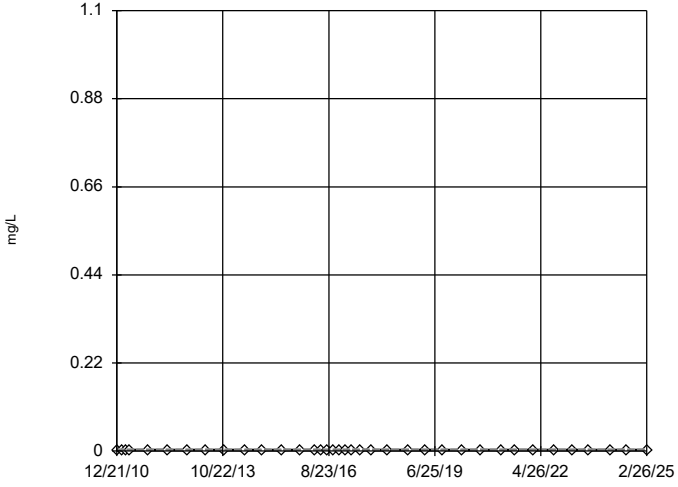
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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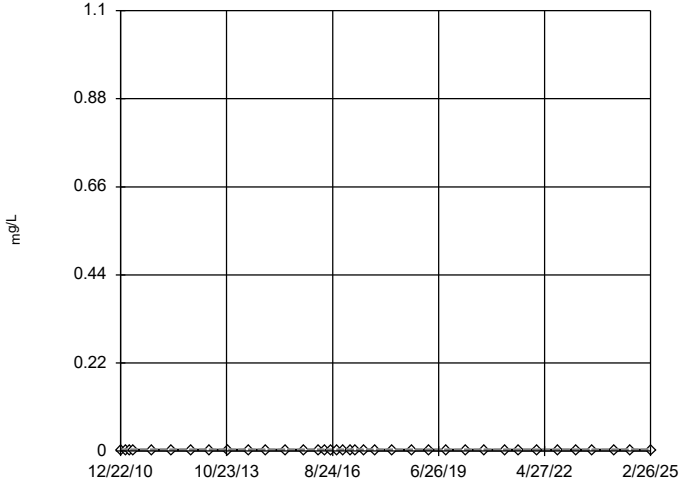
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

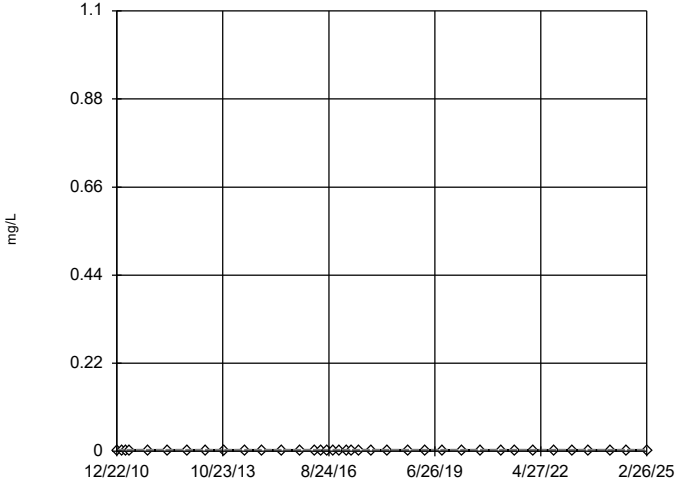
All values are the same.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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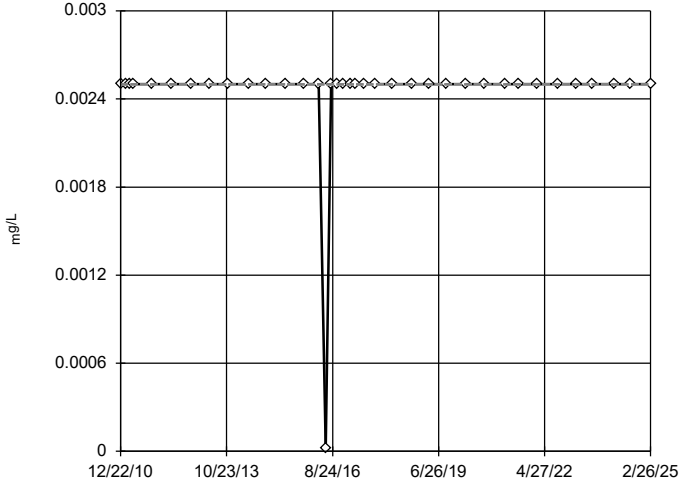
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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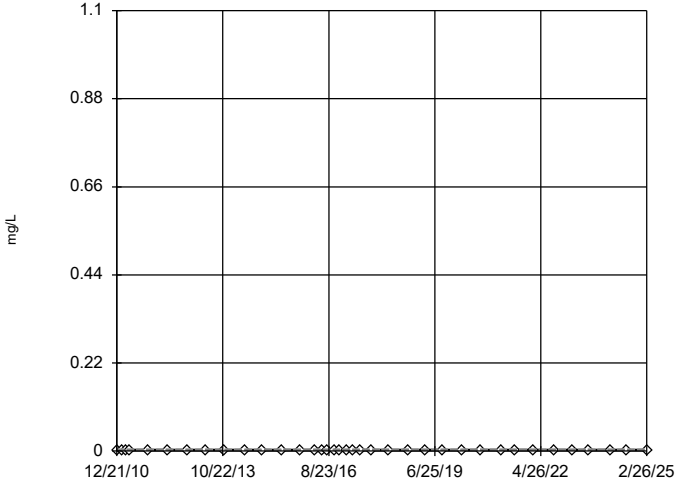
Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

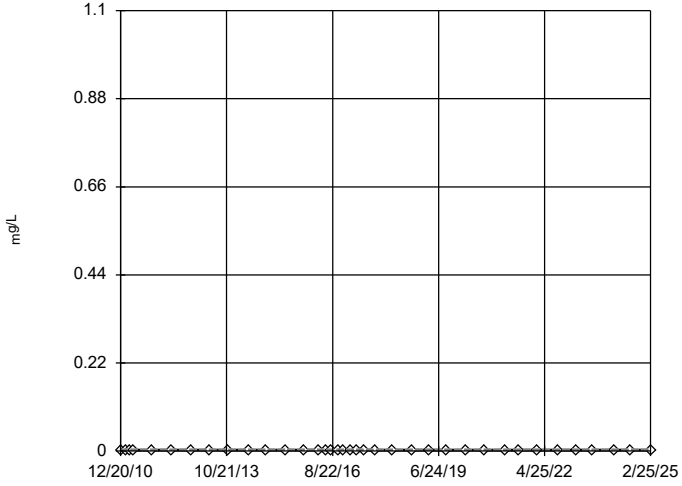
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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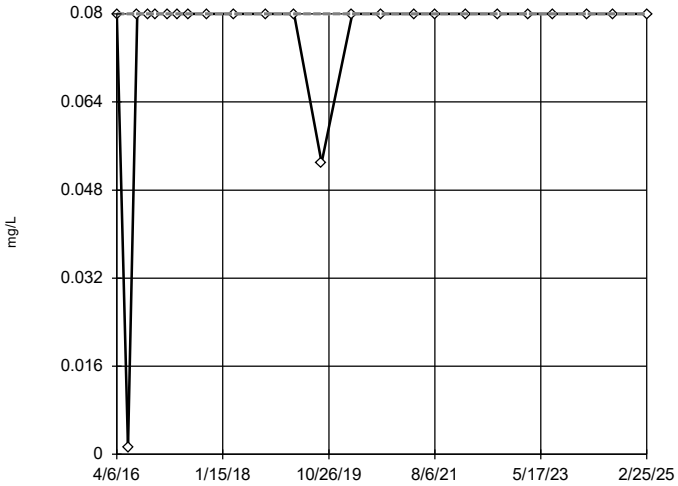
Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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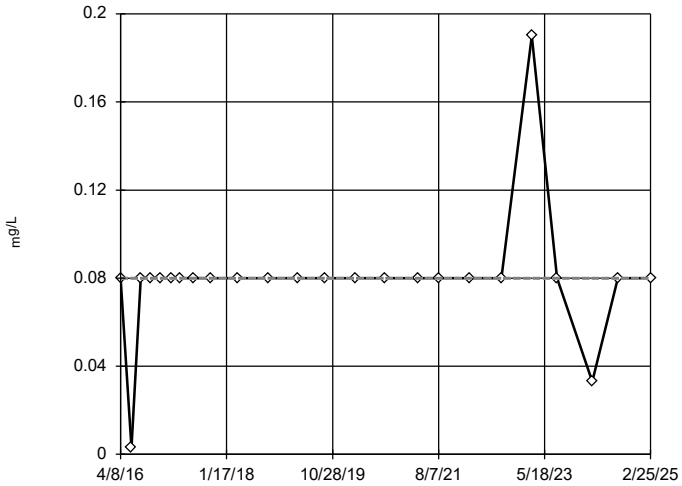
Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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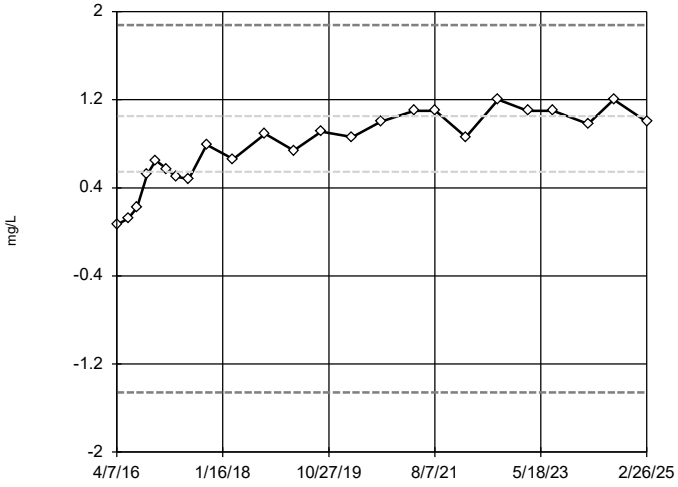
Tukey's Outlier Screening

GWA-45 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.878, low cutoff = -1.458, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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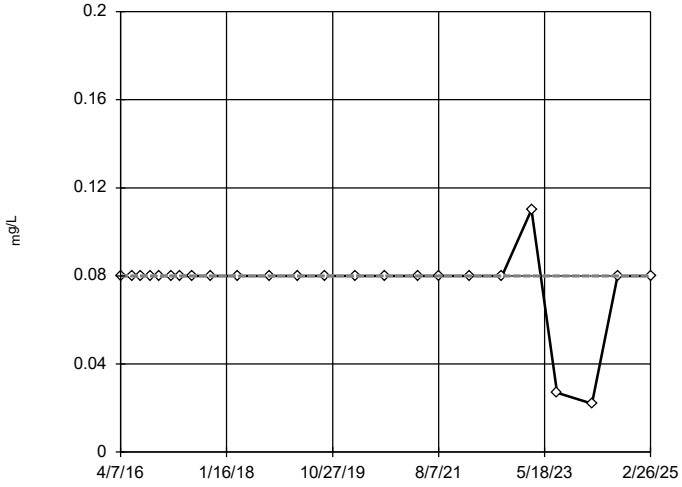
Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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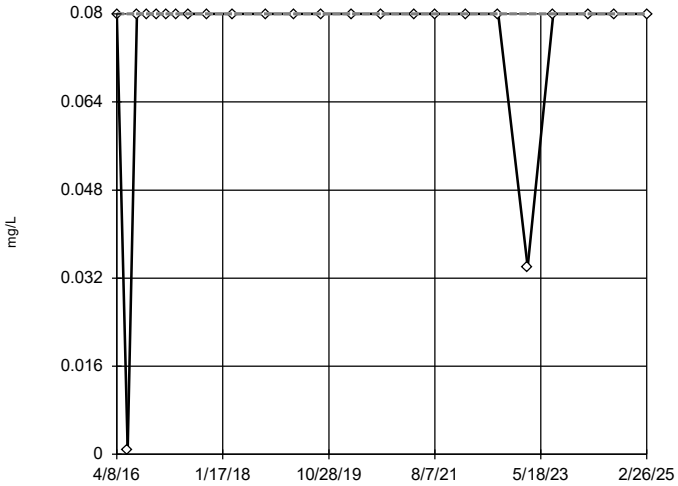
Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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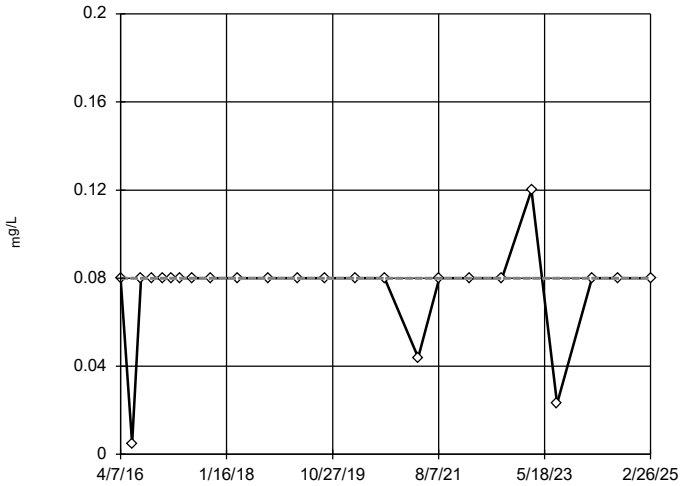
Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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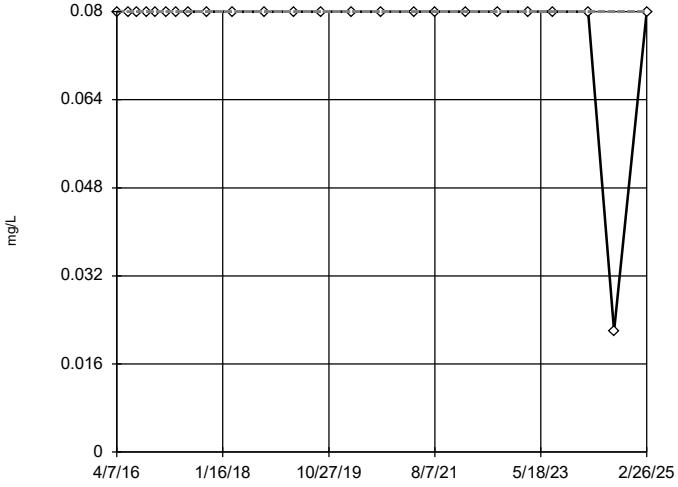
Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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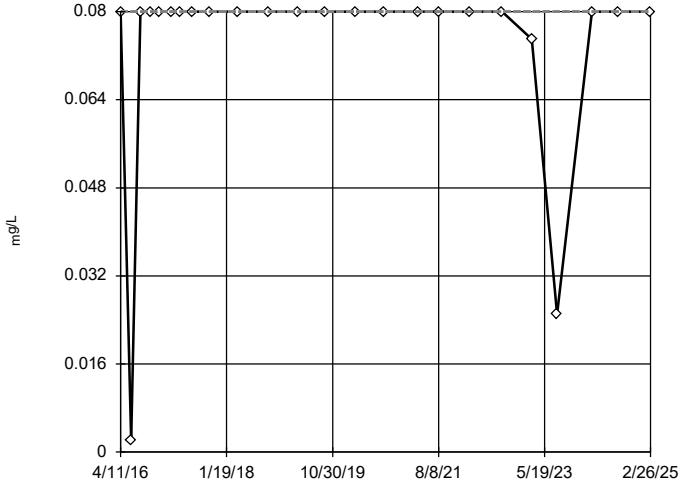
Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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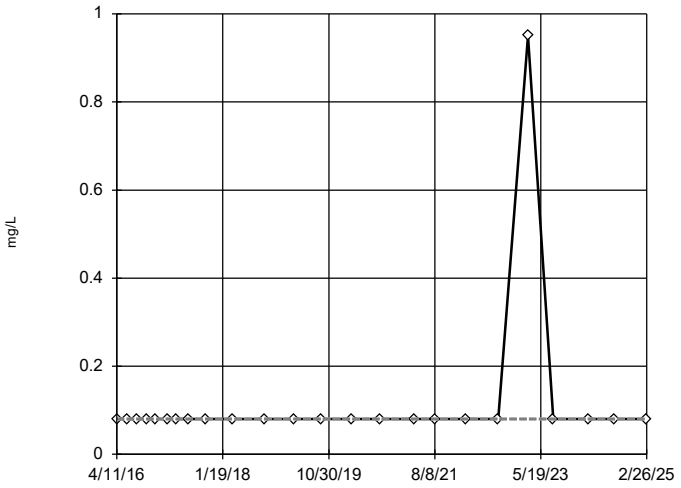
Tukey's Outlier Screening

GWC-50



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

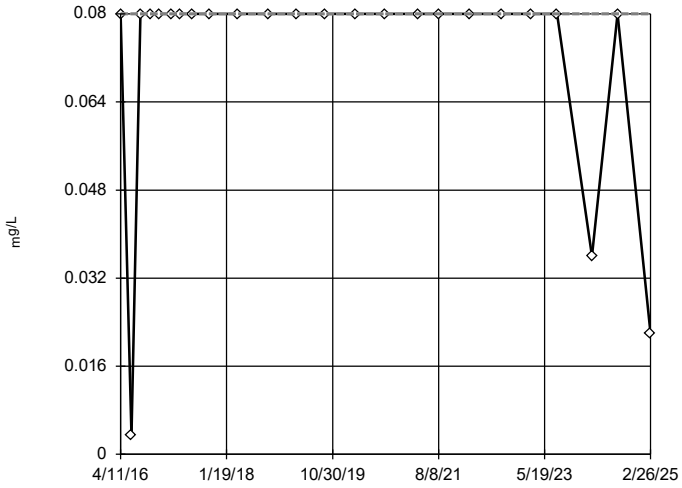
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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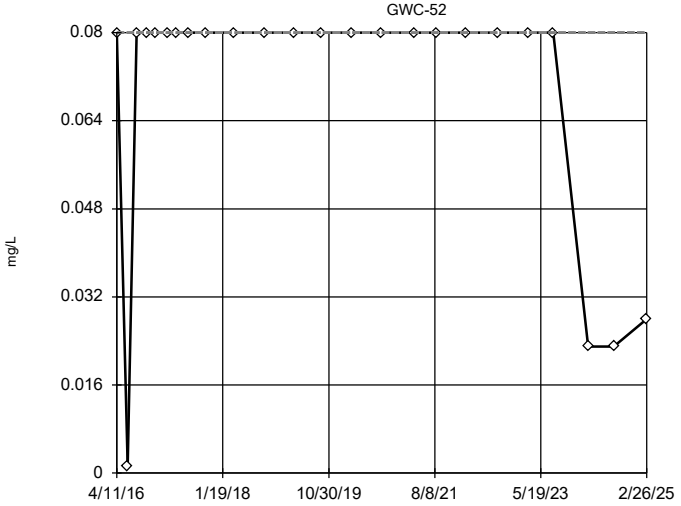
Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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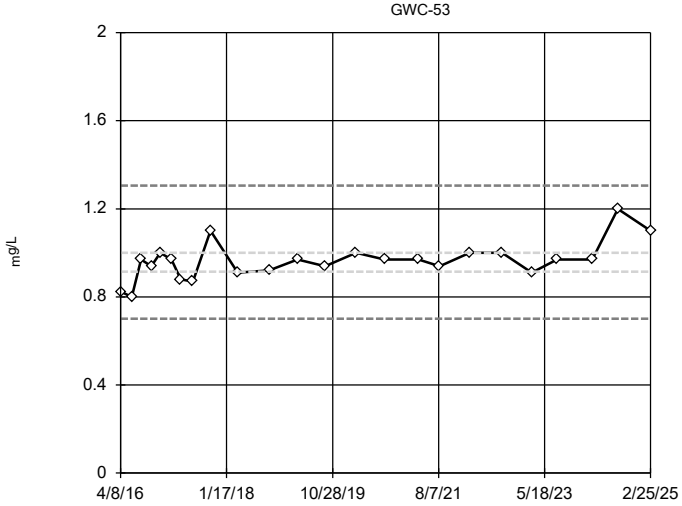
Tukey's Outlier Screening

GWC-53



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.305, low cutoff = 0.7009, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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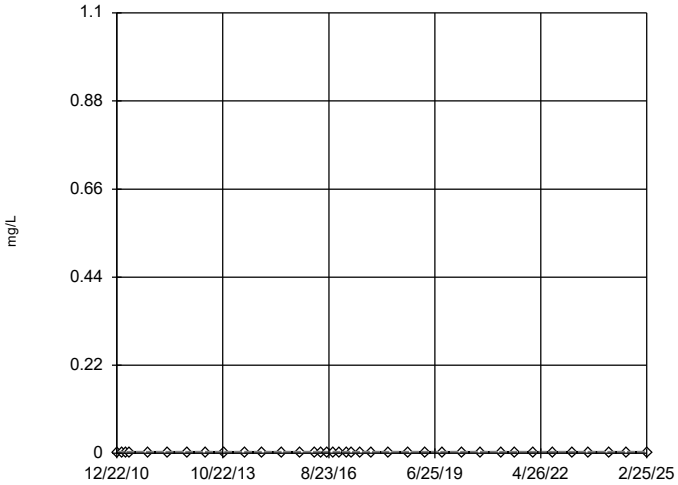
Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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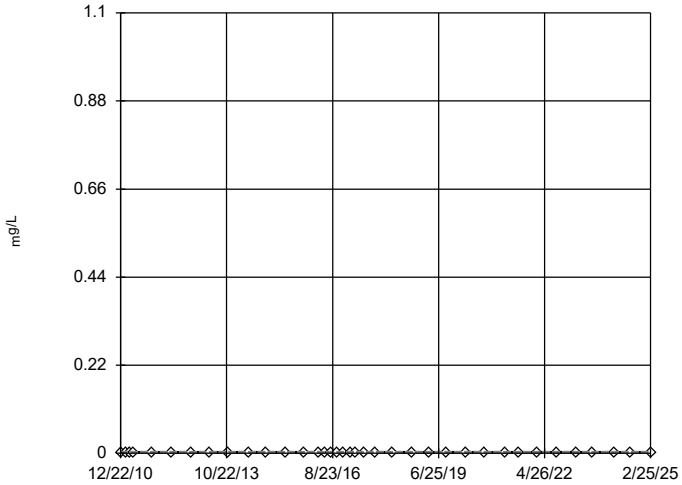
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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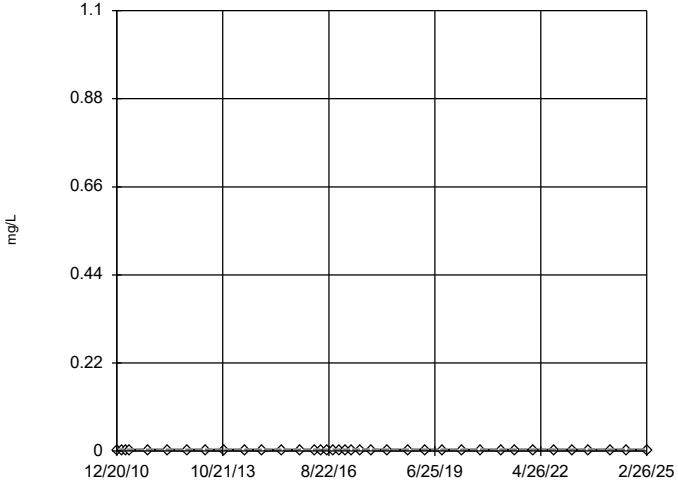
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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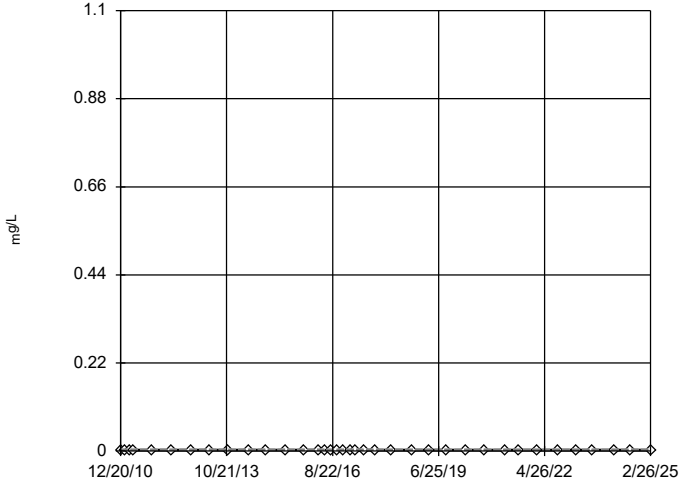
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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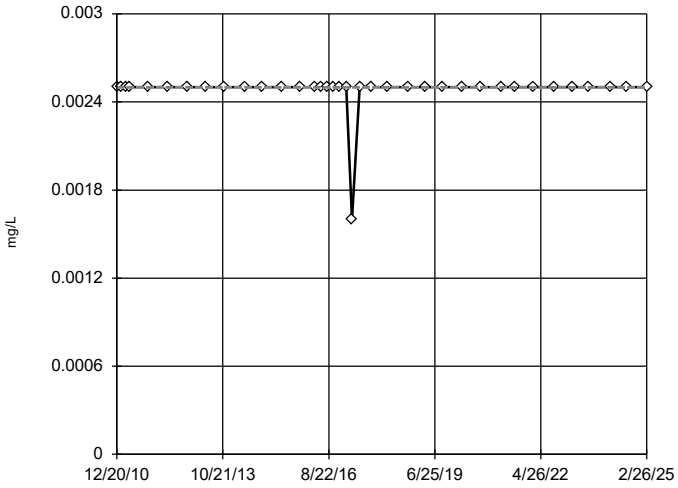
Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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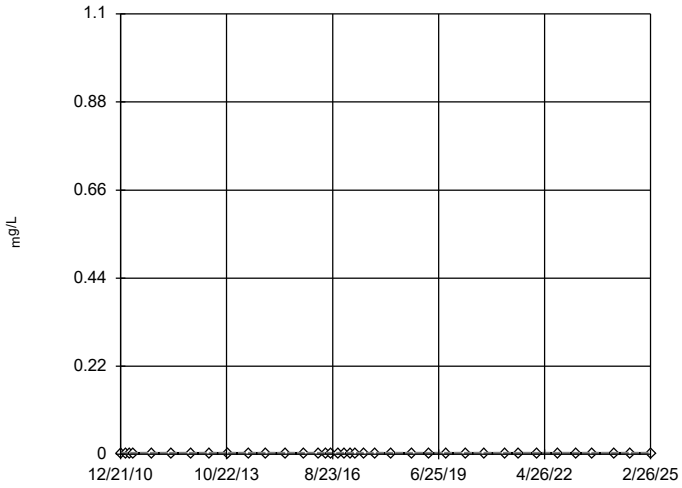
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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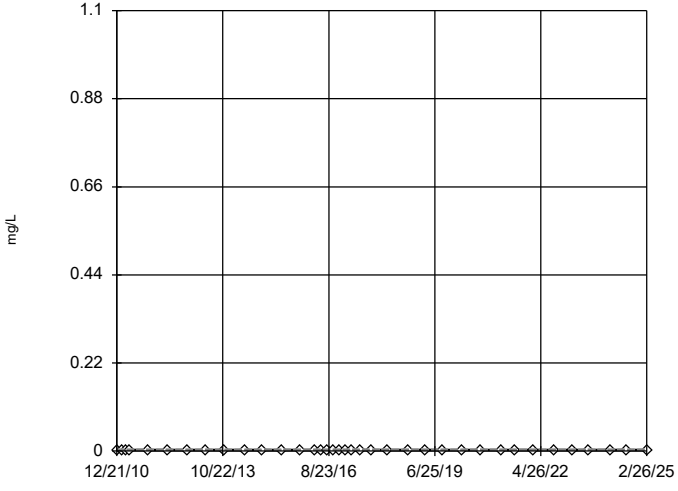
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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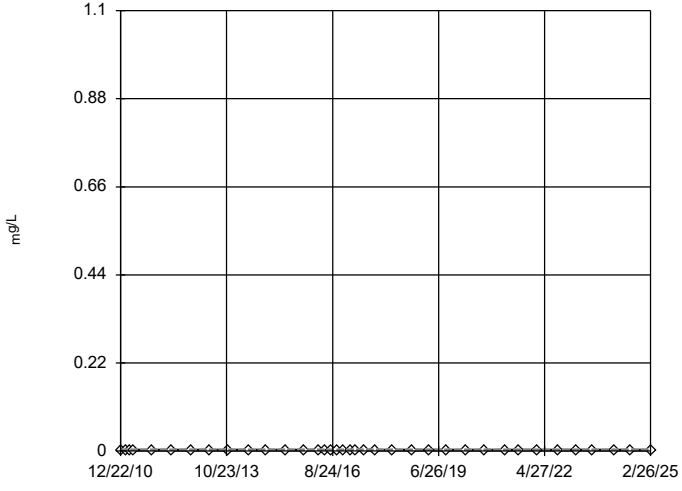
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

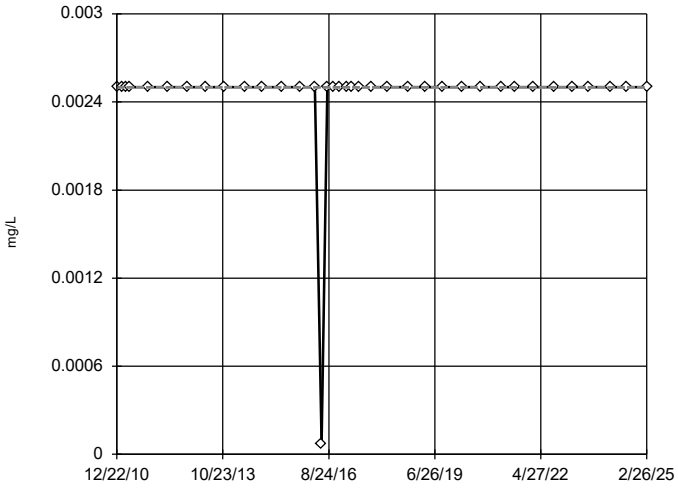
All values are the same.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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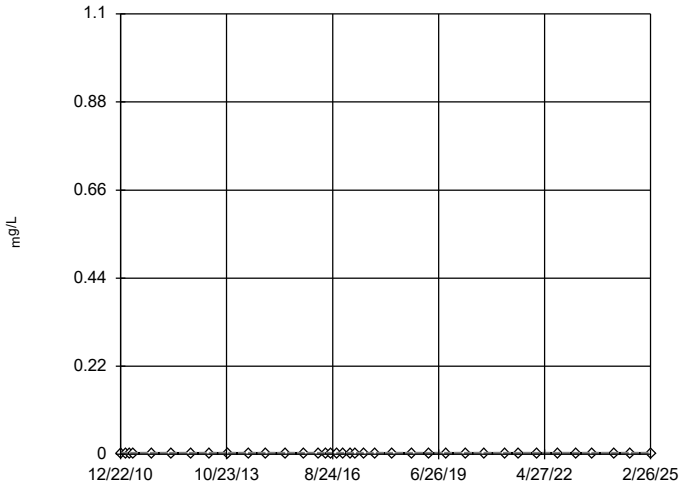
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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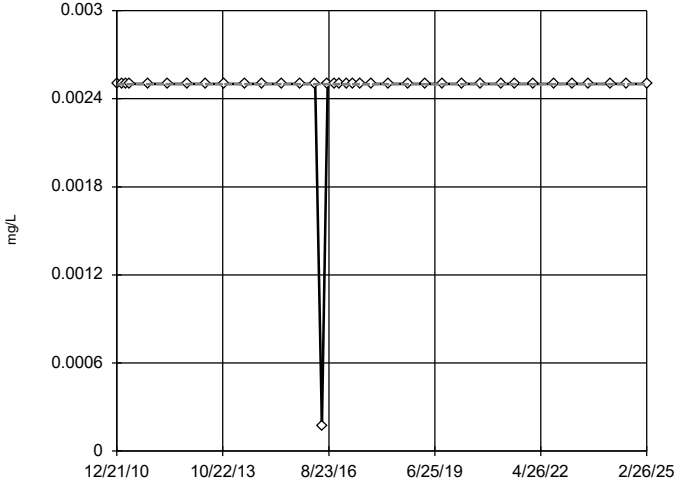
Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

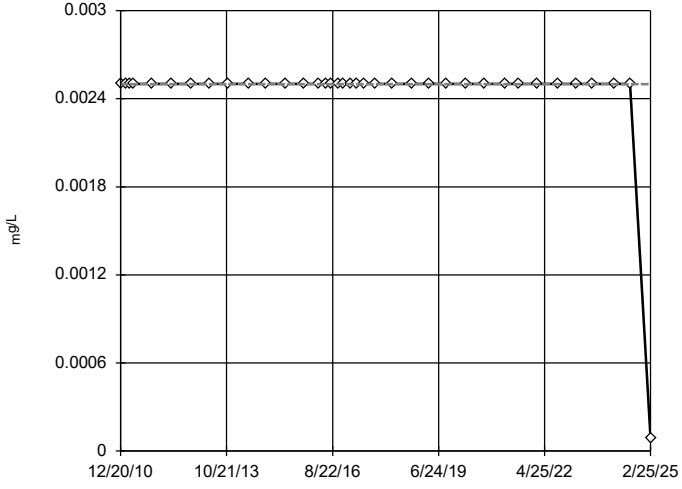
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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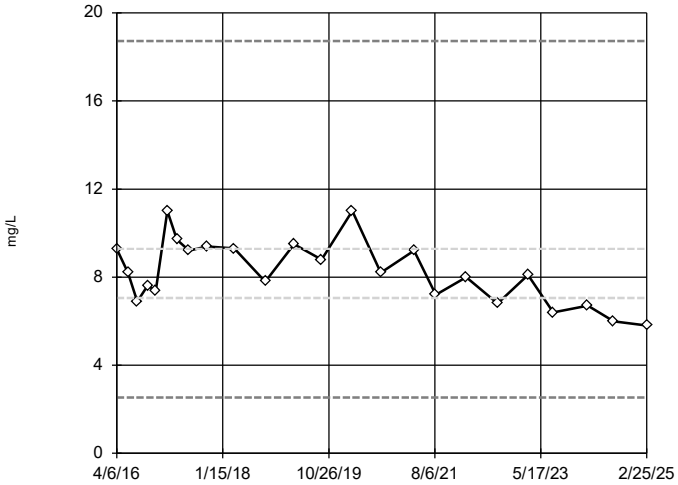
Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 18.72, low cutoff = 2.538, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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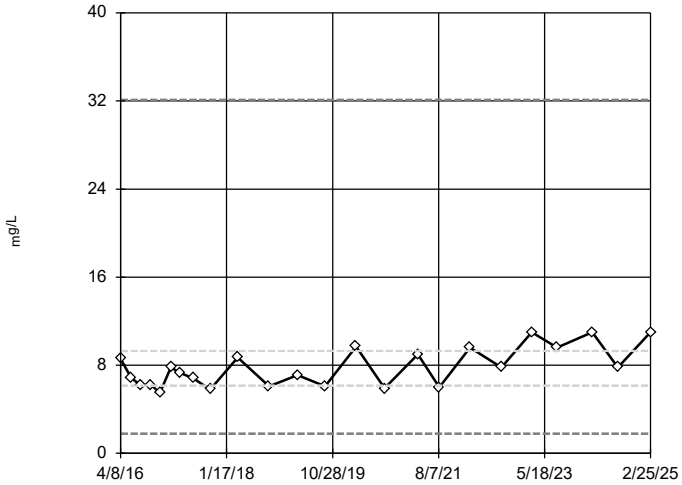
Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 32.1, low cutoff = 1.781, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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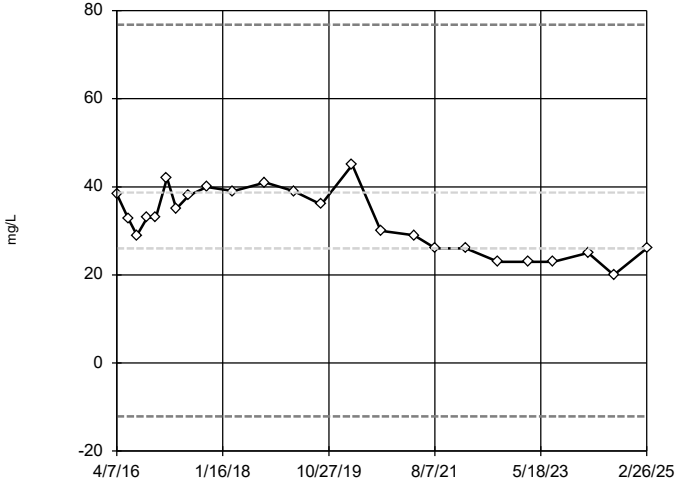
Tukey's Outlier Screening

GWA-45 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 76.8, low cutoff = -12.1, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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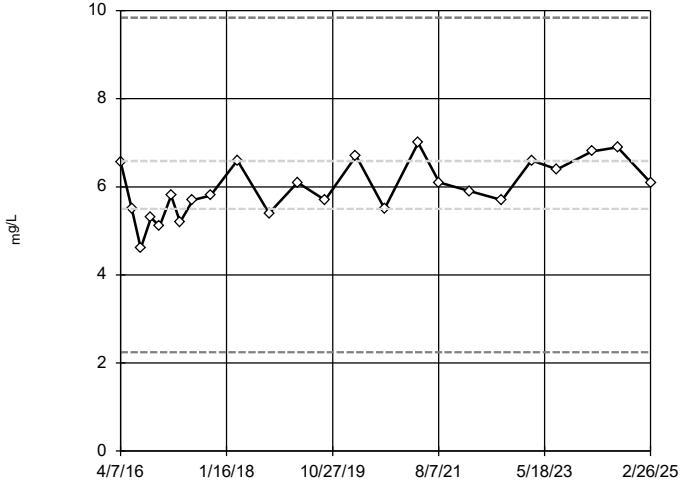
Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 9.84, low cutoff = 2.245, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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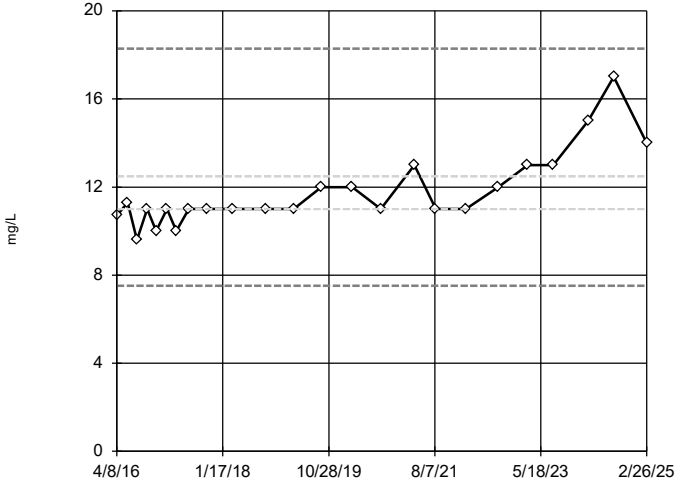
Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 18.28, low cutoff = 7.514, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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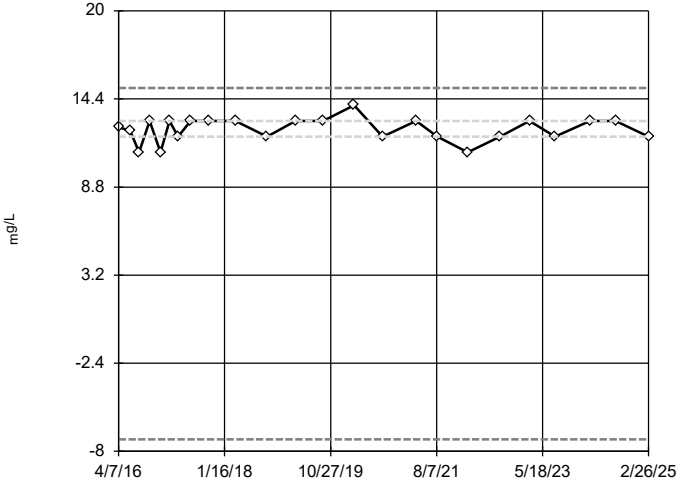
Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 15.1, low cutoff = -7.234, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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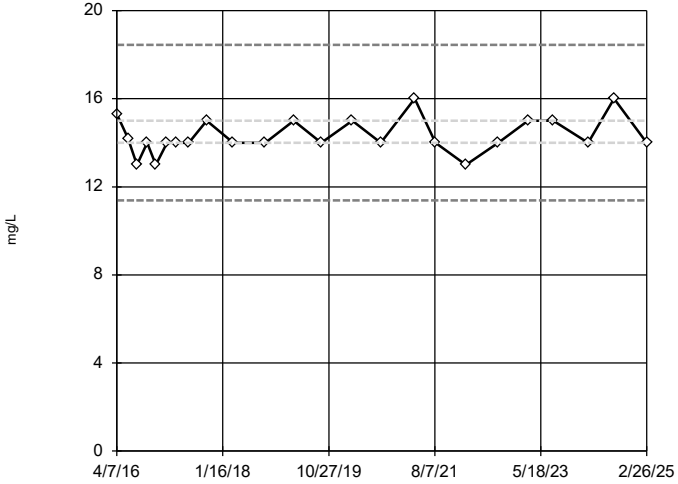
Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 18.45, low cutoff = 11.38, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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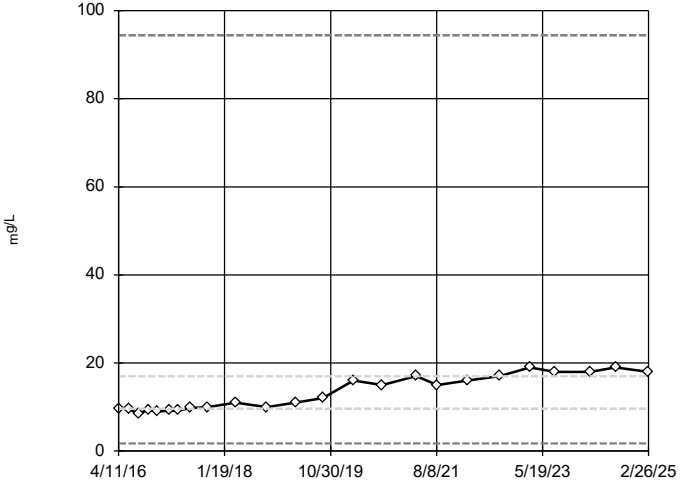
Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 94.42, low cutoff = 1.728, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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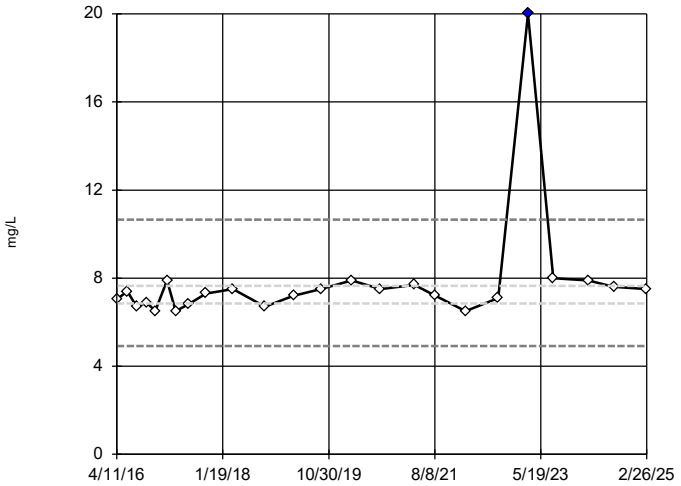
Tukey's Outlier Screening

GWC-50



n = 24

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 10.66, low cutoff = 4.918, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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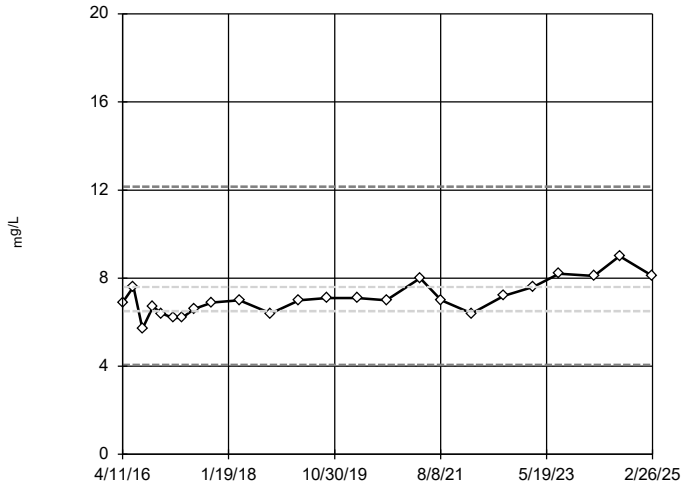
Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 12.15, low cutoff = 4.064, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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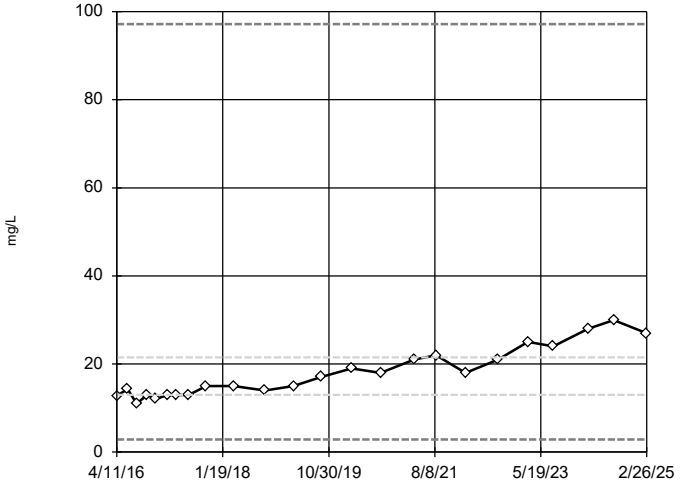
Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 97.15, low cutoff = 2.876, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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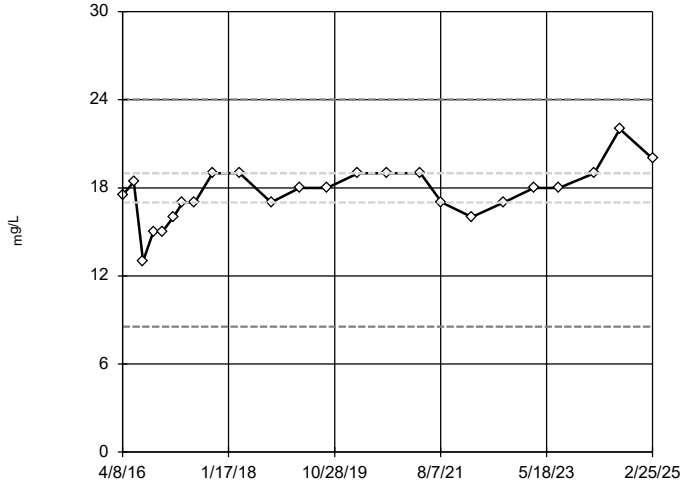
Tukey's Outlier Screening

GWC-53



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 24.02, low cutoff = 8.544, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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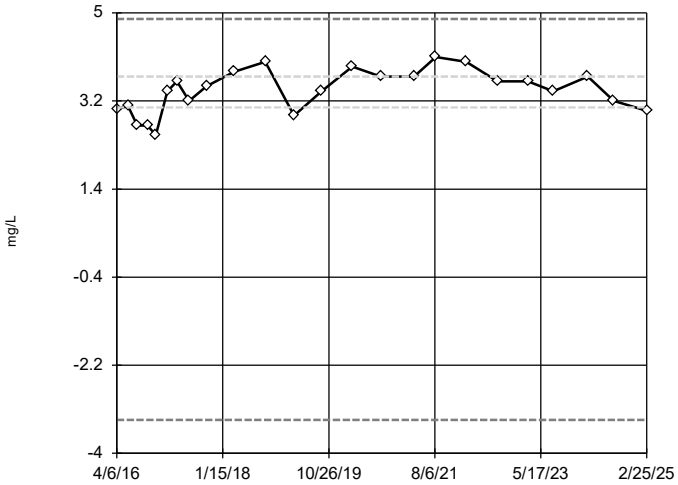
Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.877, low cutoff = -3.318, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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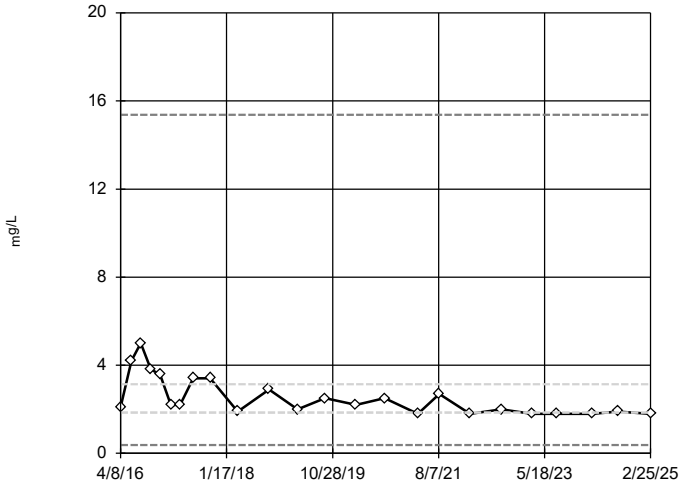
Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 15.37, low cutoff = 0.3778, based on IQR multiplier of 3.

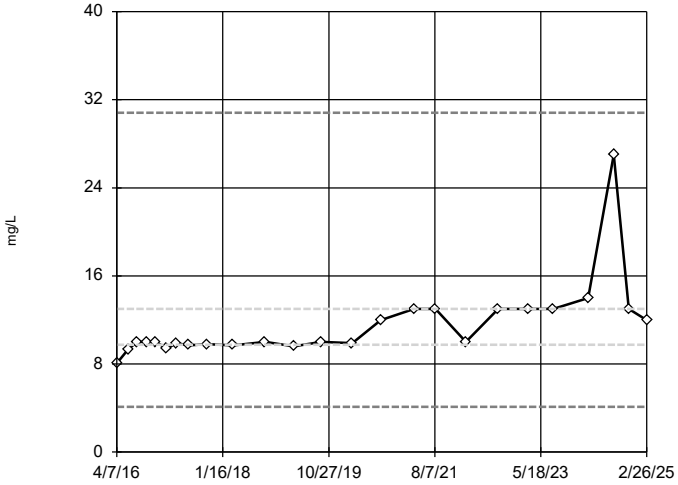
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-45 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 30.82, low cutoff = 4.113, based on IQR multiplier of 3.

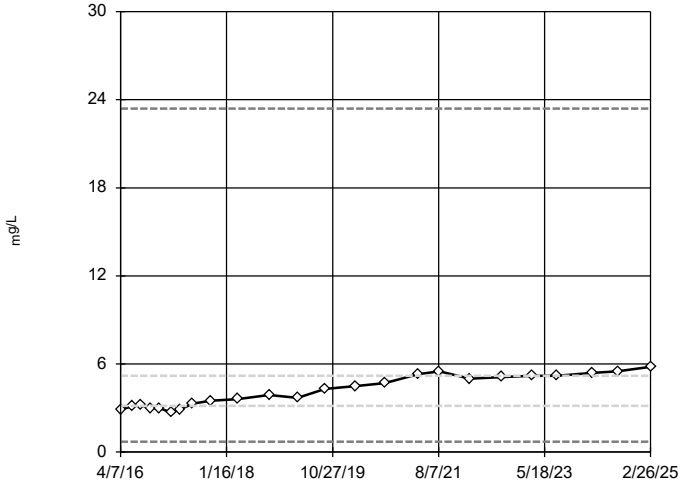
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 23.4, low cutoff = 0.6999, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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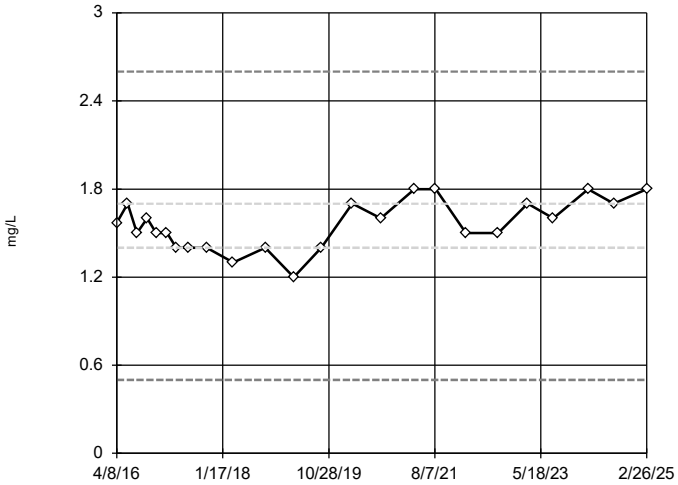
Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 2.6, low cutoff = 0.5, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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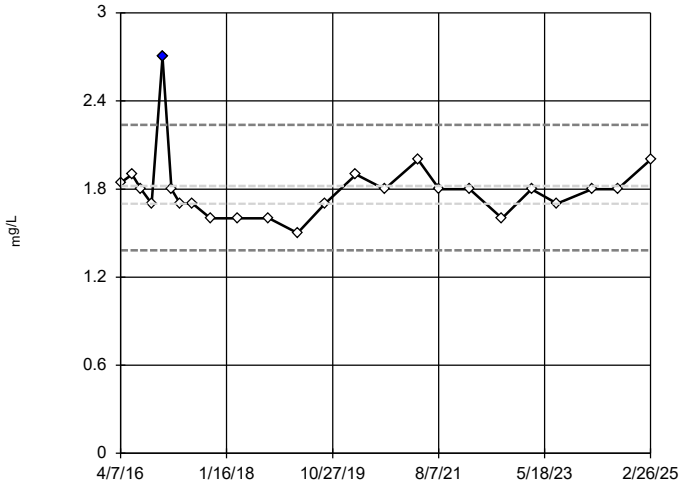
Tukey's Outlier Screening

GWA-48 (bg)



n = 24

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.238, low cutoff = 1.383, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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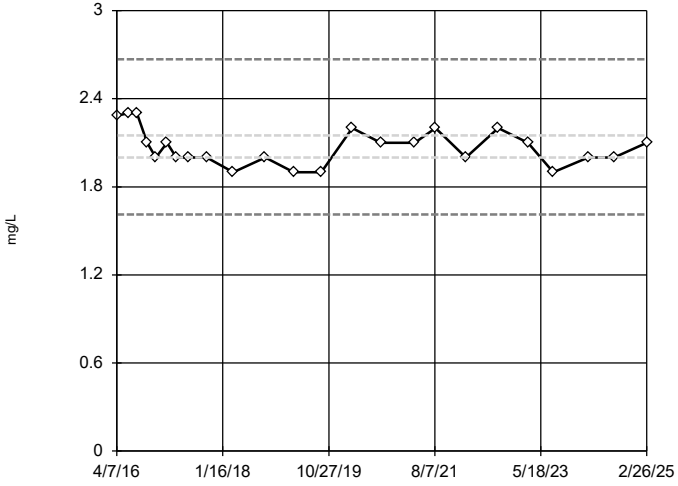
Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.668, low cutoff = 1.611, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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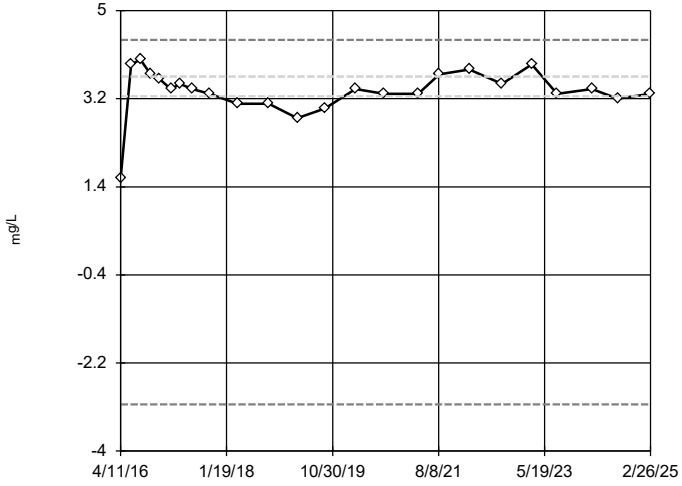
Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.402, low cutoff = -3.047, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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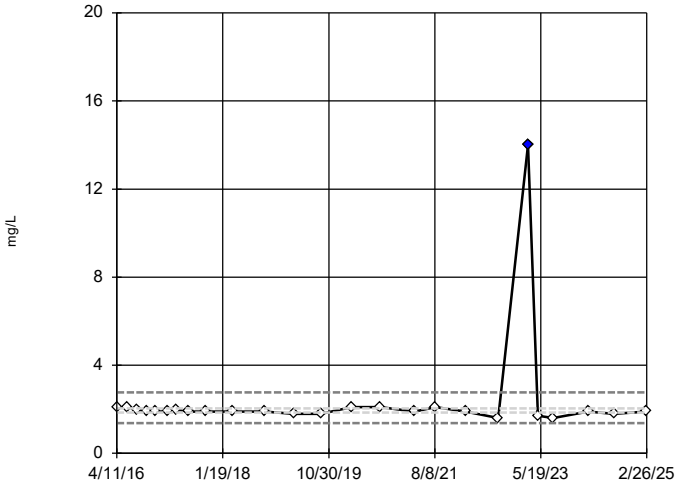
Tukey's Outlier Screening

GWC-50



n = 25

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.763, low cutoff = 1.369, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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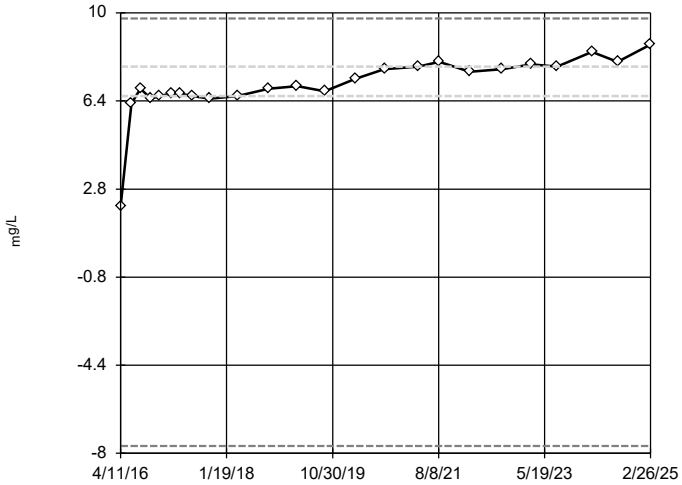
Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.771, low cutoff = -7.7, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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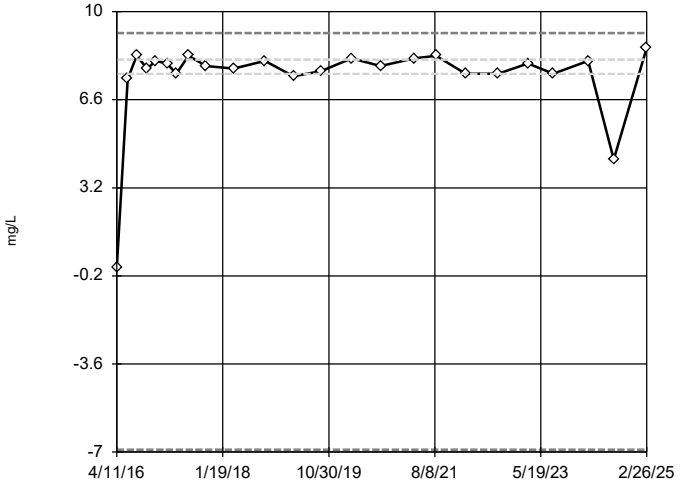
Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.17, low cutoff = -6.91, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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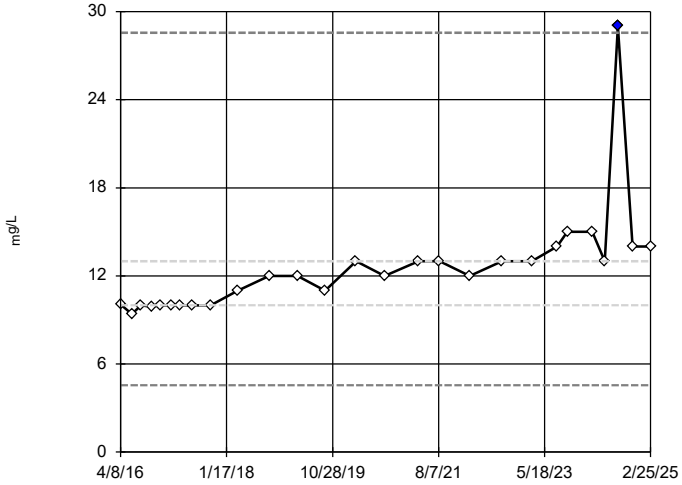
Tukey's Outlier Screening

GWC-53



n = 27

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 28.56, low cutoff = 4.552, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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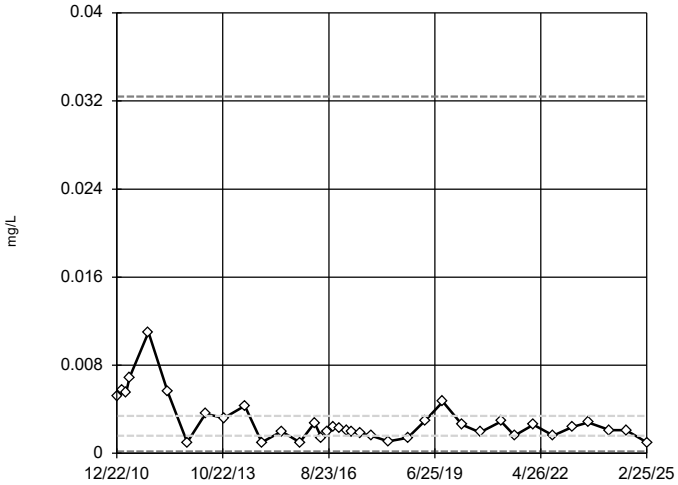
Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0324, low cutoff = 0.0001676, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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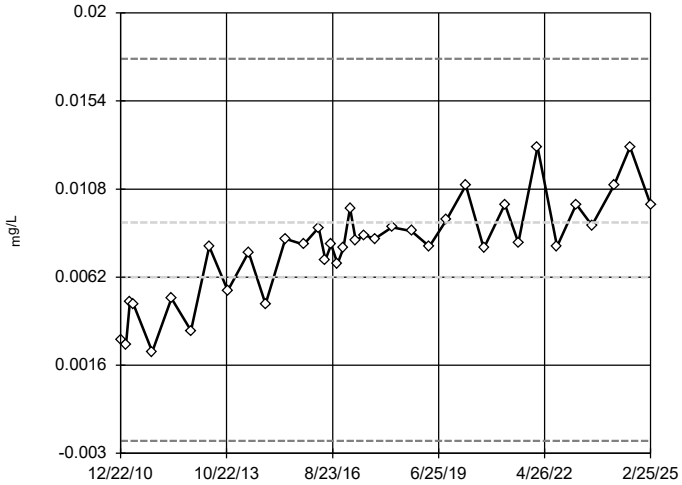
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0176, low cutoff = -0.00235, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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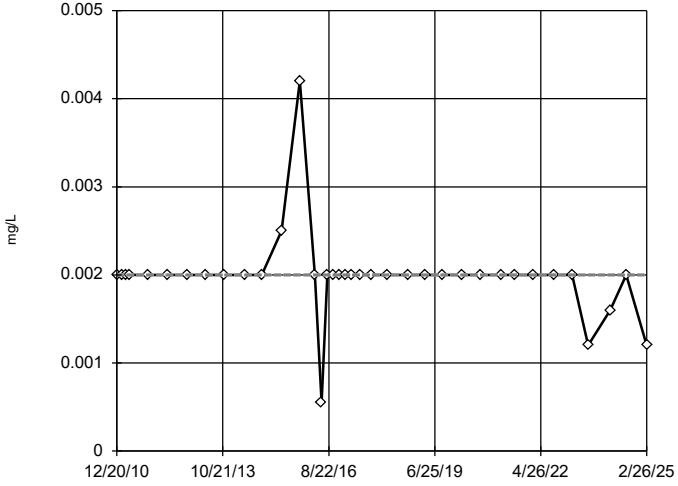
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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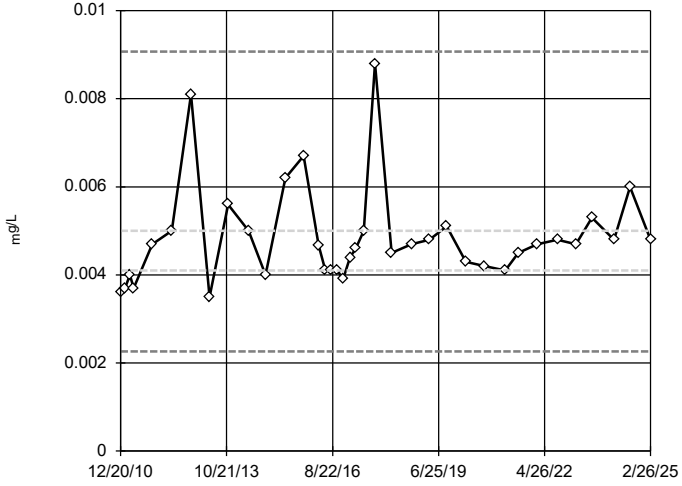
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

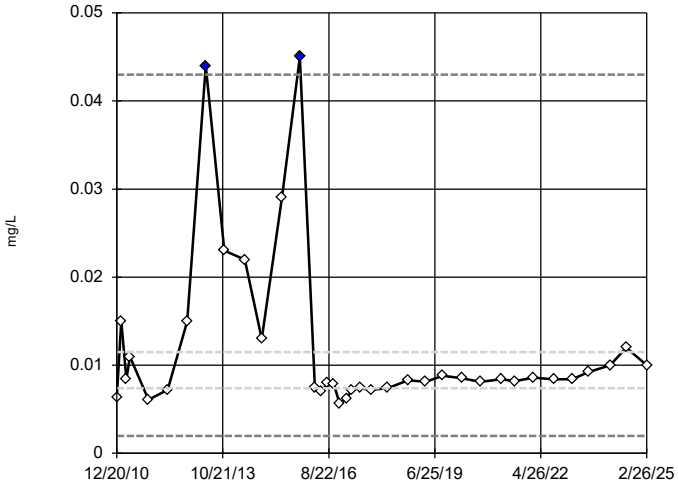
High cutoff = 0.009068, low cutoff = 0.002261, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.043, low cutoff = 0.001977, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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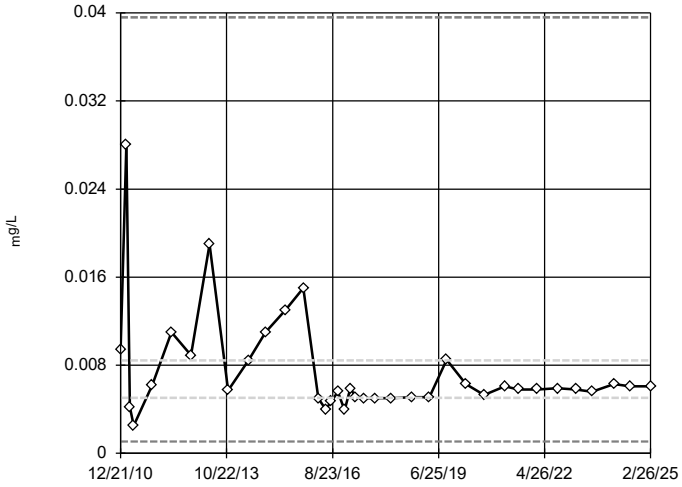
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03959, low cutoff = 0.001078, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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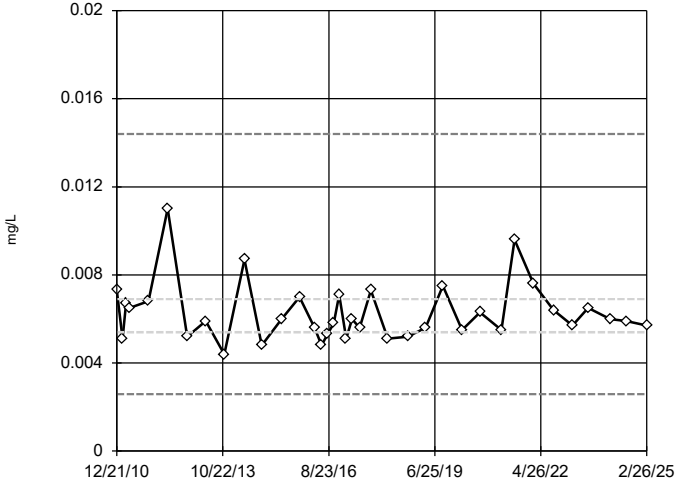
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0144, low cutoff = 0.002587, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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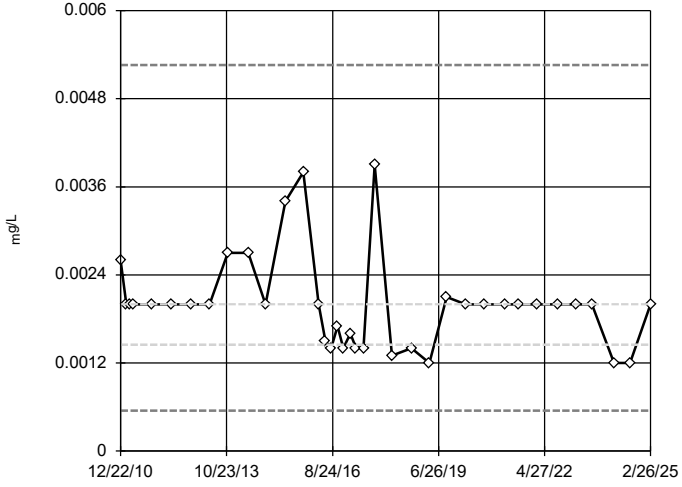
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.005258, low cutoff = 0.0005512, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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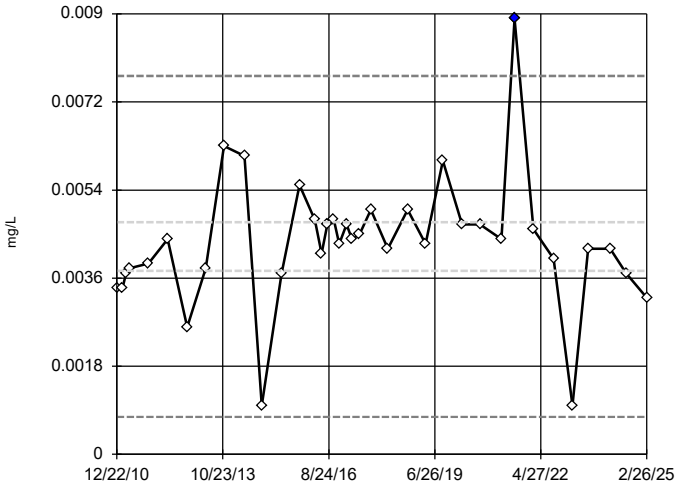
Tukey's Outlier Screening

GWC-50



n = 37

Outlier is drawn as solid.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.00773, low cutoff = 0.000765, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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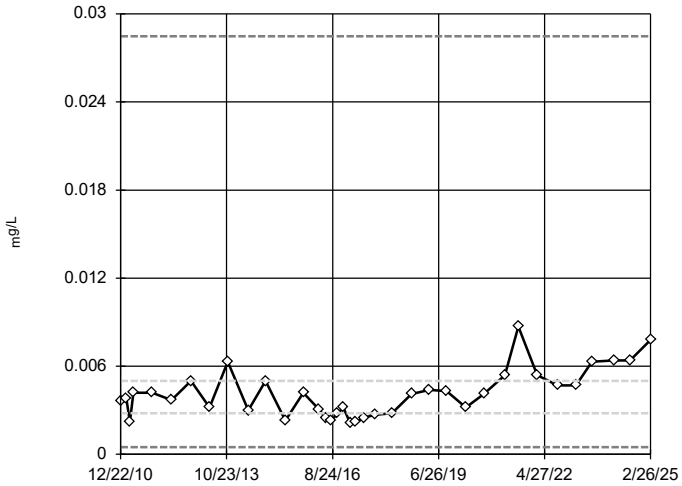
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02847, low cutoff = 0.0004917, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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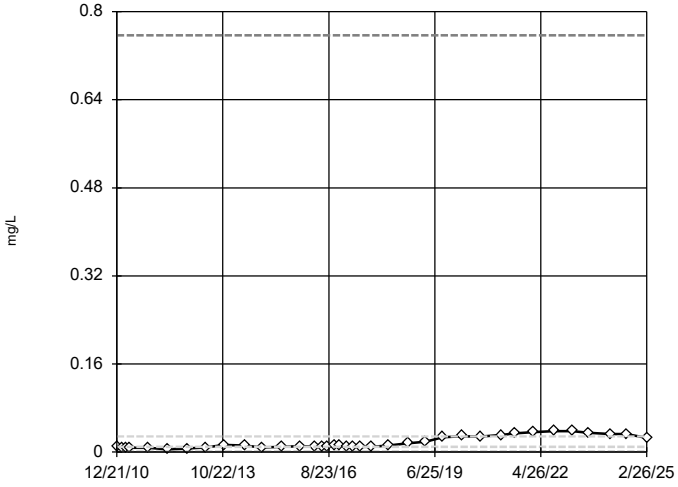
Tukey's Outlier Screening

GWC-52



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.757, low cutoff = 0.0003595, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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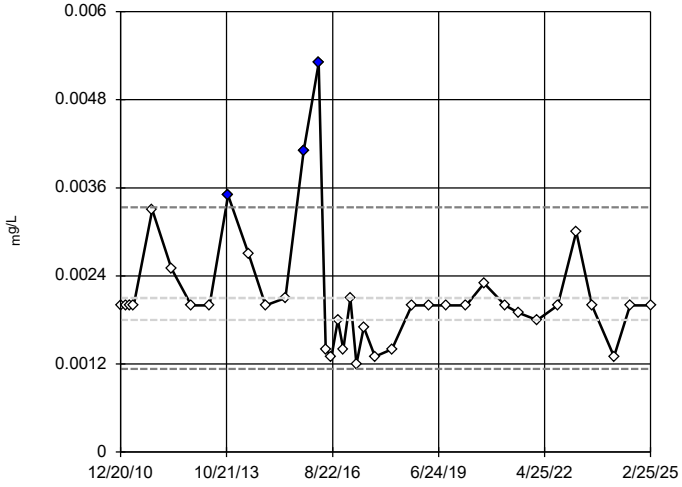
Tukey's Outlier Screening

GWC-53



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003335, low cutoff = 0.001134, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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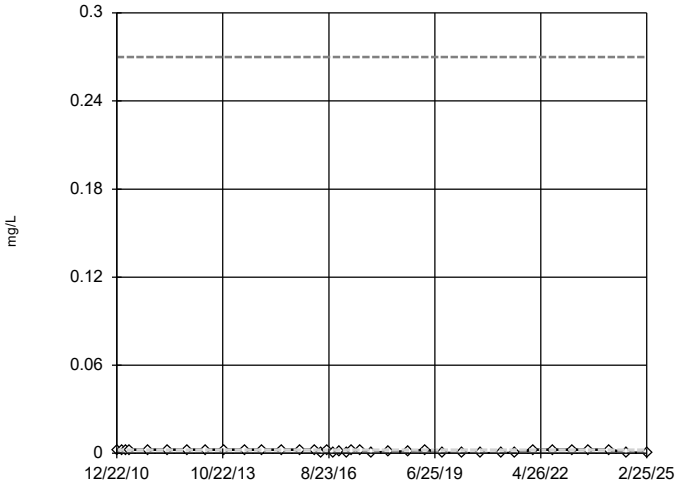
Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.27, low cutoff = 0.000004861, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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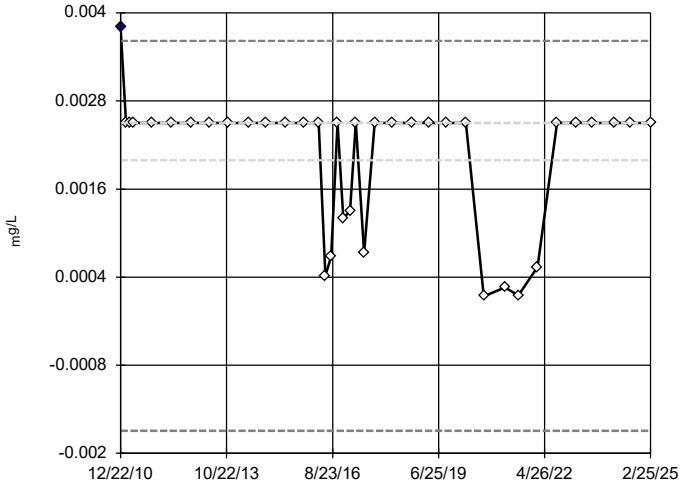
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003618, low cutoff = -0.001694, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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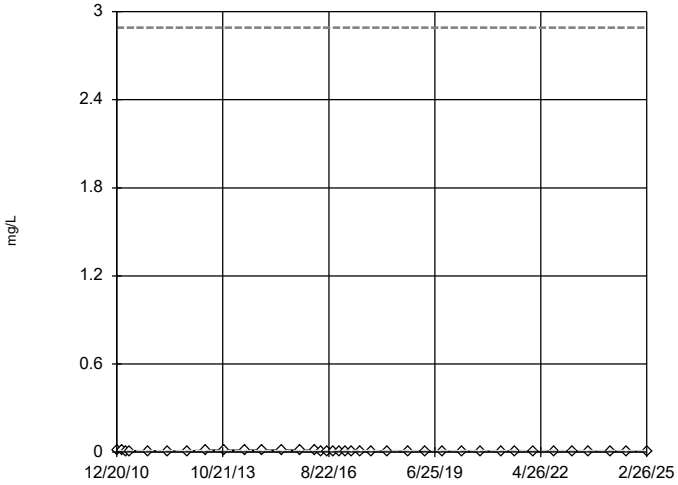
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.891, low cutoff = 0.00000349, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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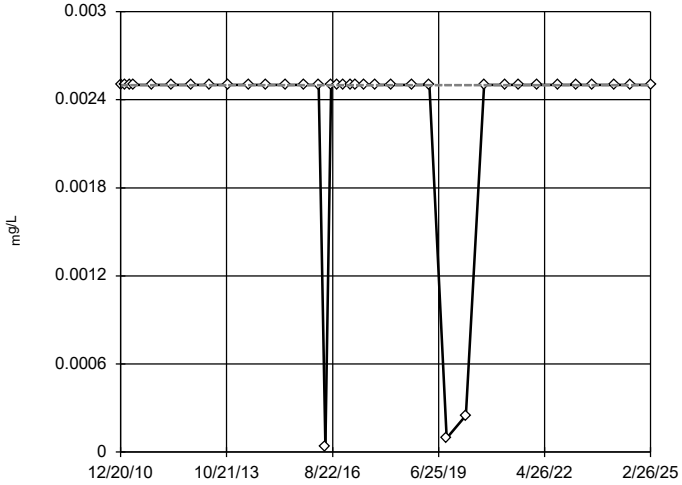
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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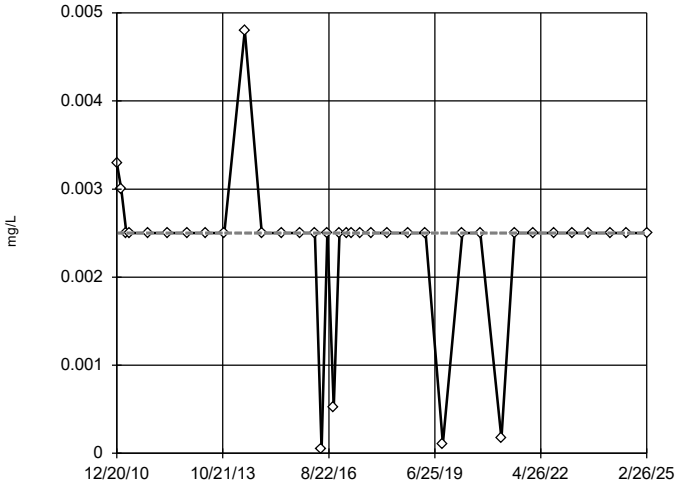
Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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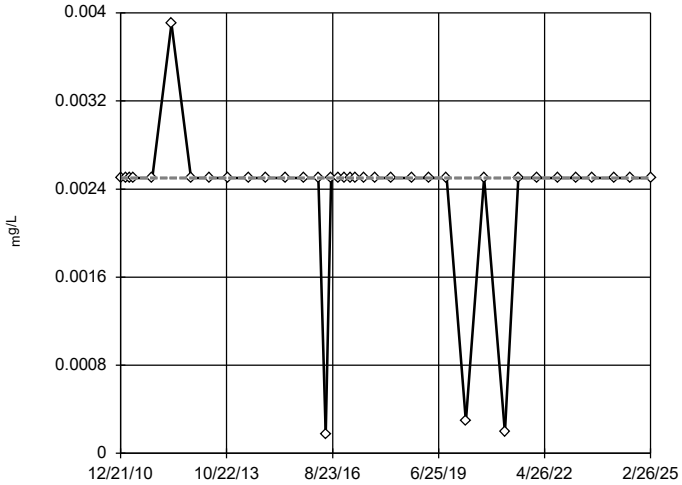
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

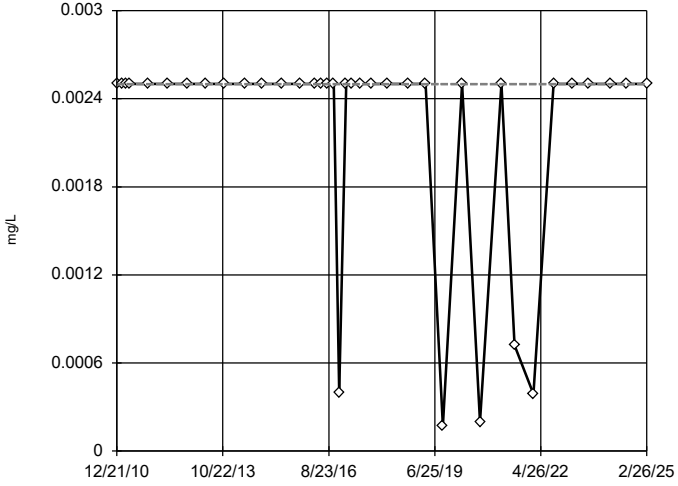
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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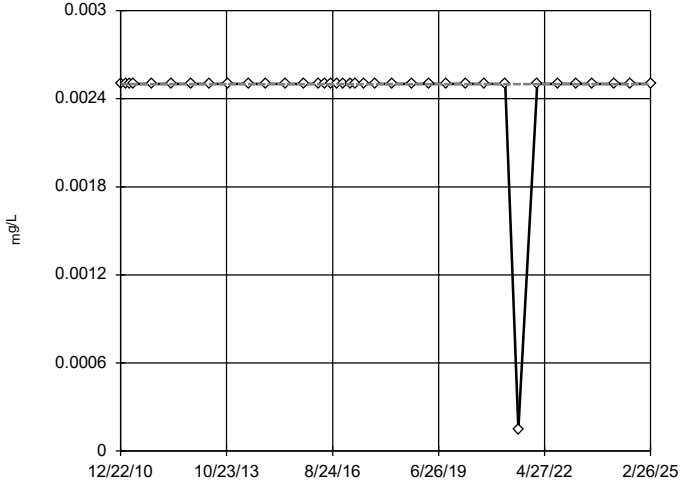
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

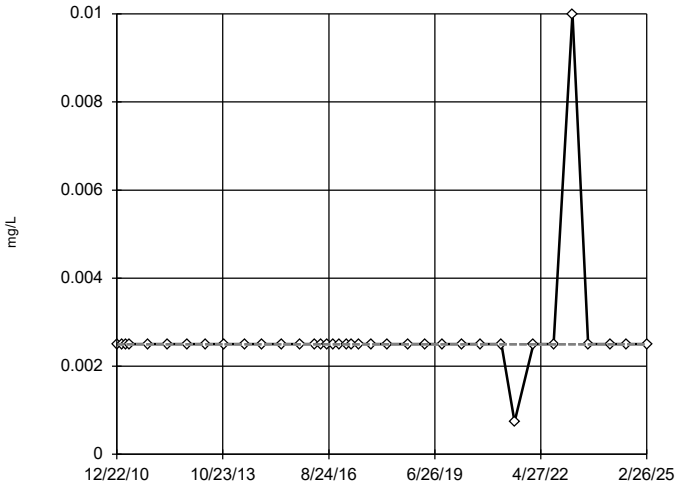
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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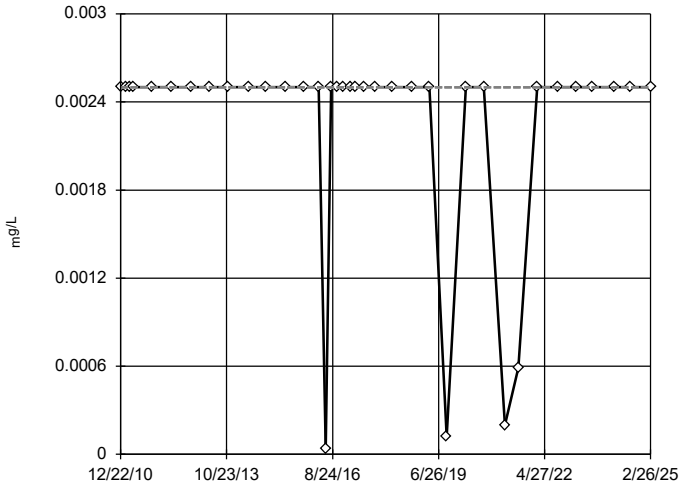
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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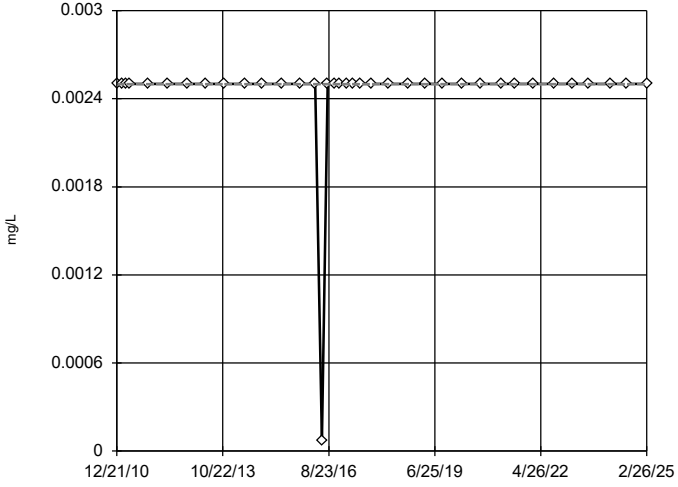
Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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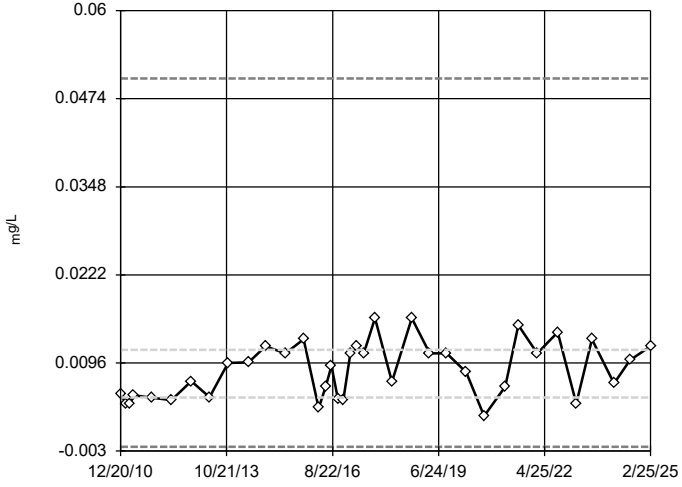
Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

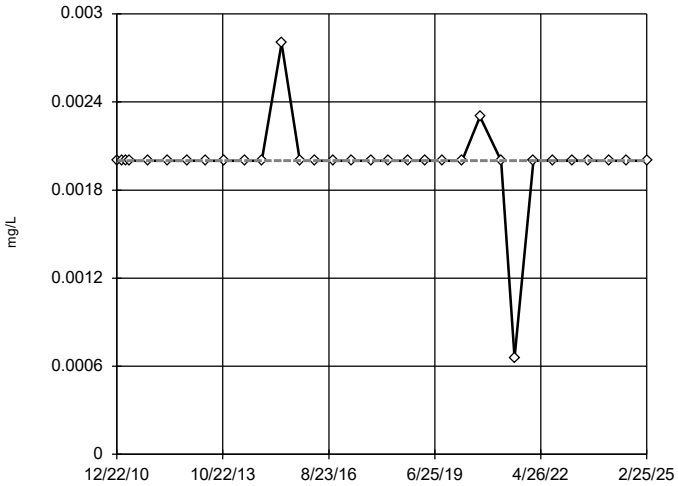
High cutoff = 0.0503, low cutoff = -0.002389, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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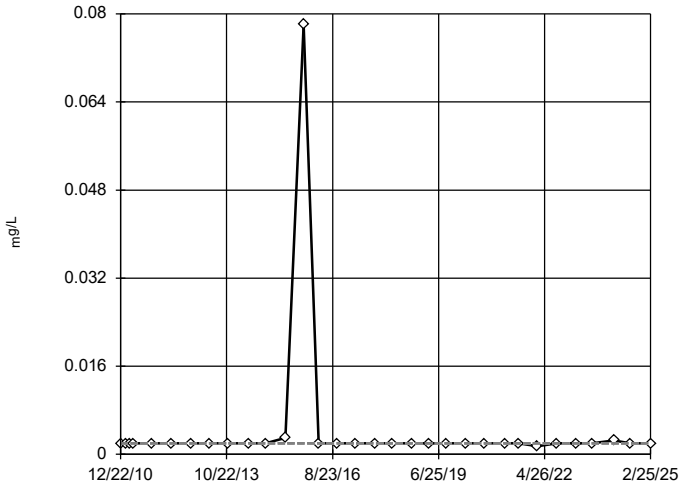
Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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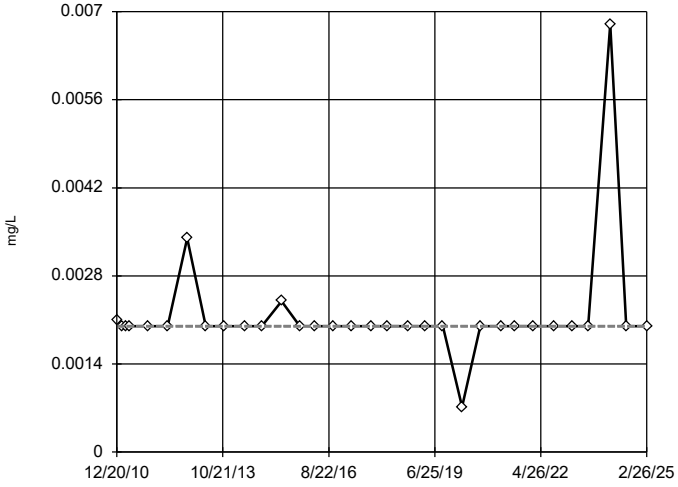
Tukey's Outlier Screening

GWA-45 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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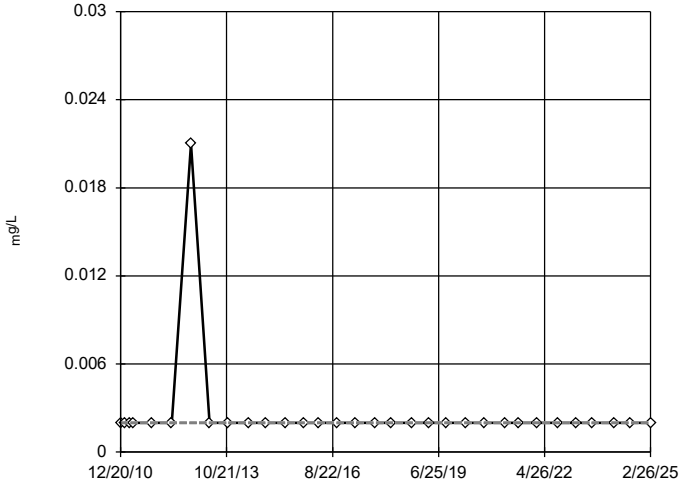
Tukey's Outlier Screening

GWA-46 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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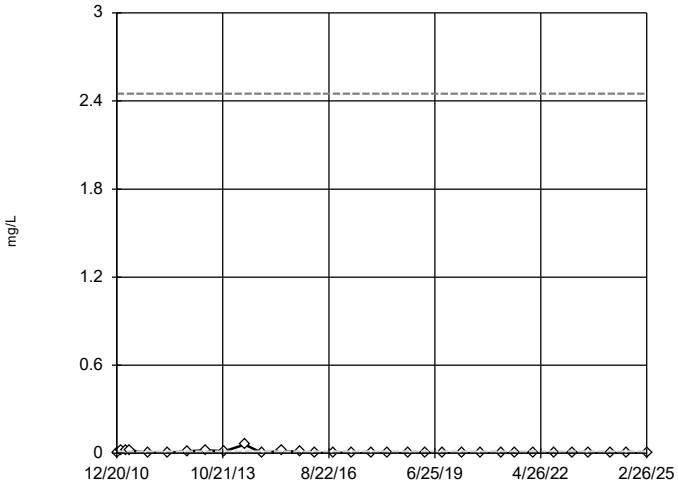
Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.45, low cutoff = 0.000009659, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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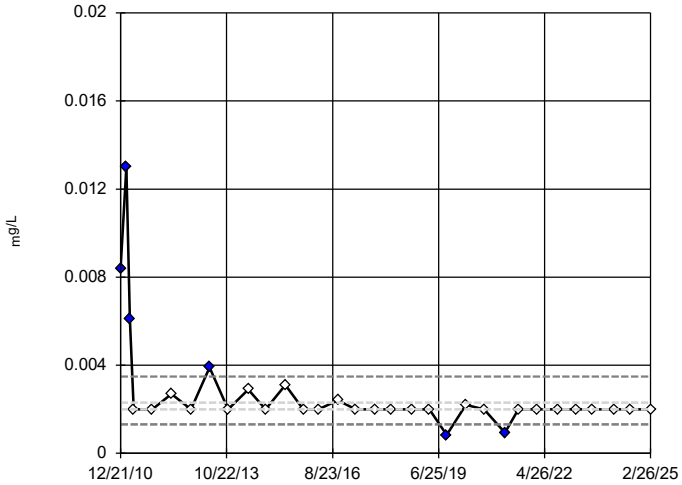
Tukey's Outlier Screening

GWA-48 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003485, low cutoff = 0.001319, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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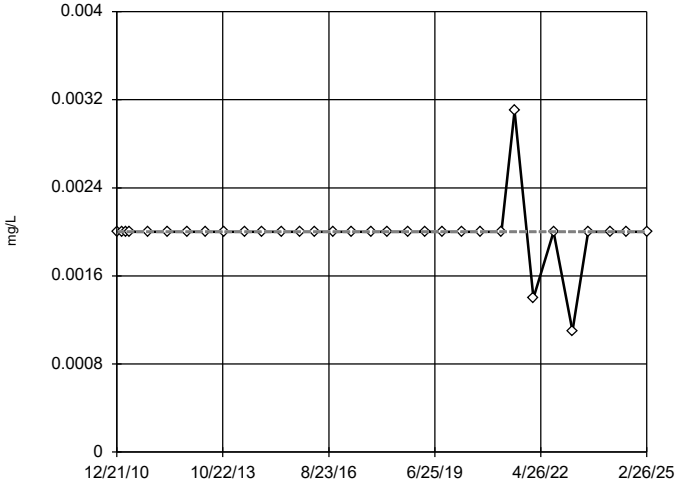
Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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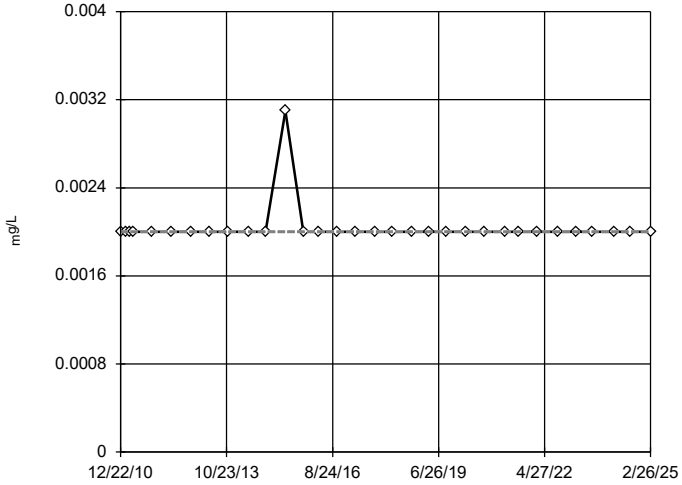
Tukey's Outlier Screening

GWC-29



n = 32

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

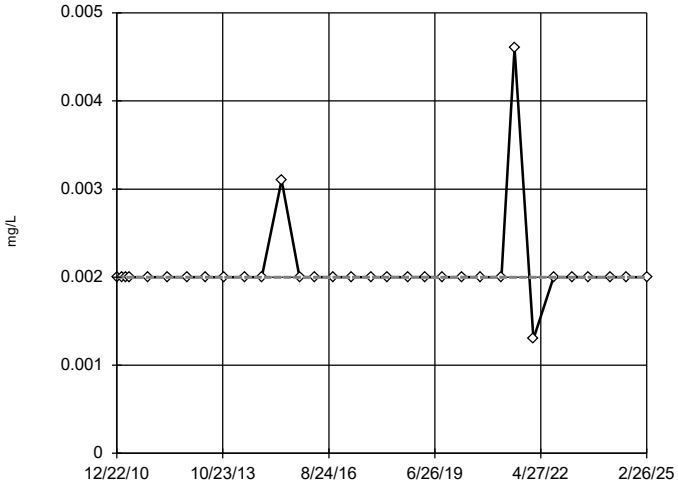
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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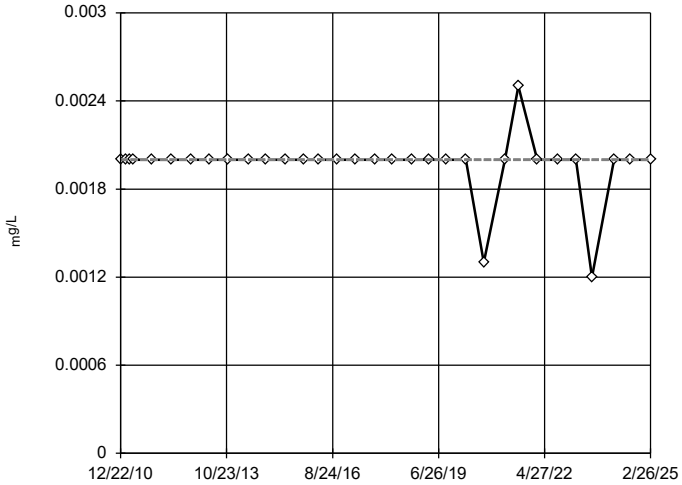
Tukey's Outlier Screening

GWC-51



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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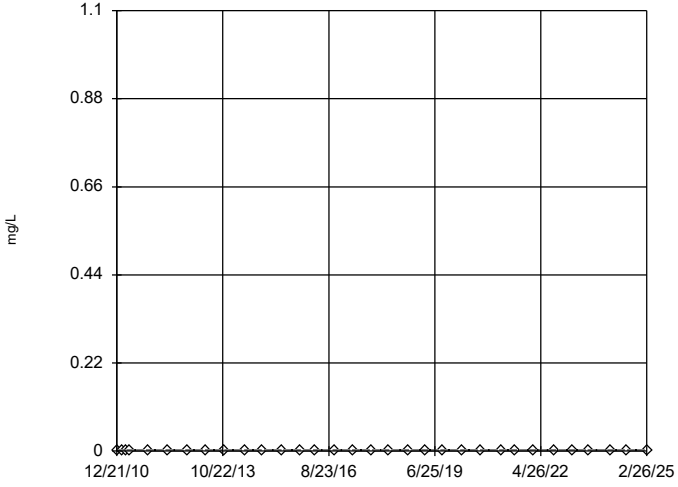
Tukey's Outlier Screening

GWC-52



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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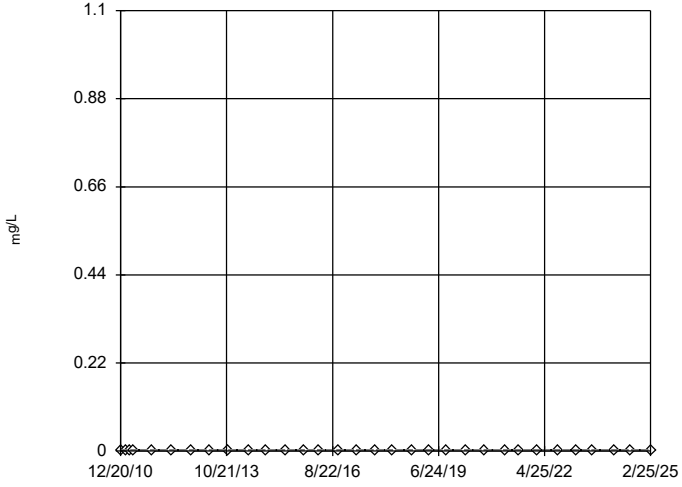
Tukey's Outlier Screening

GWC-53



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

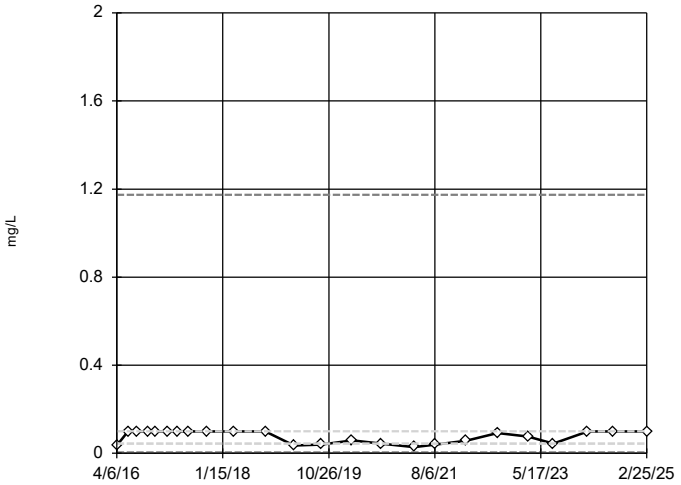
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.174, low cutoff = 0.003748, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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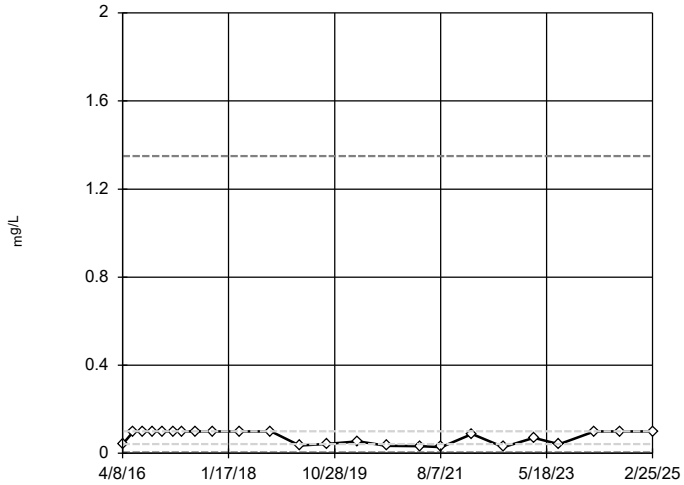
Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.35, low cutoff = 0.003112, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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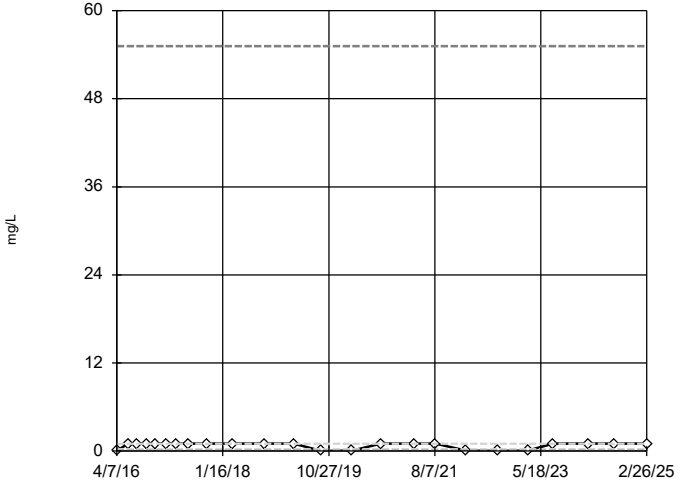
Tukey's Outlier Screening

GWA-45 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 55.17, low cutoff = 0.004761, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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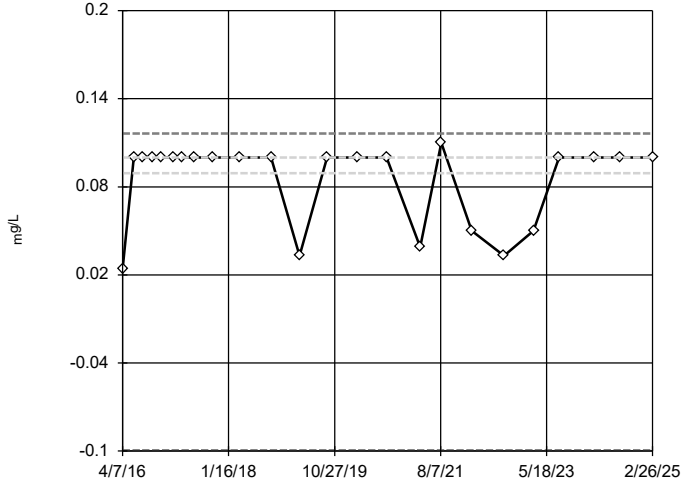
Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1163, low cutoff = -0.09947, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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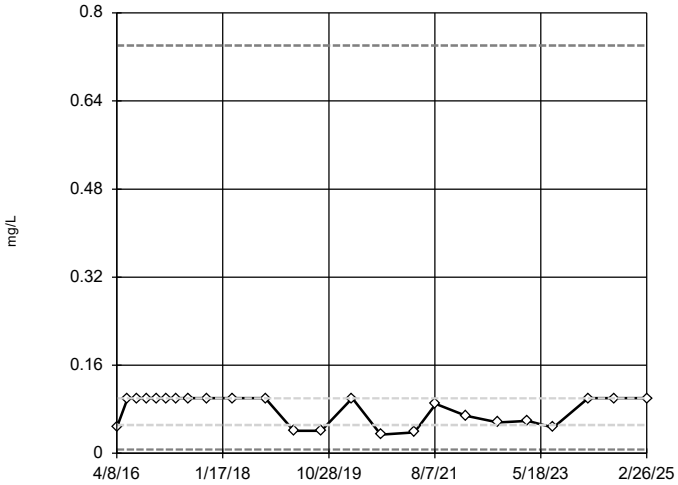
Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.7406, low cutoff = 0.006927, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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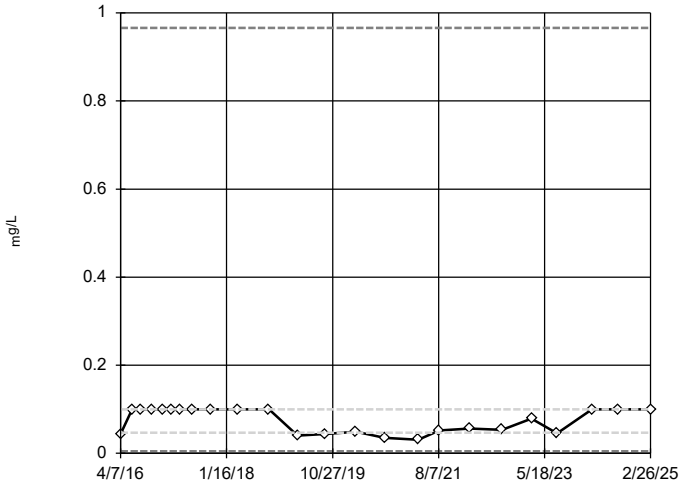
Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.9658, low cutoff = 0.004862, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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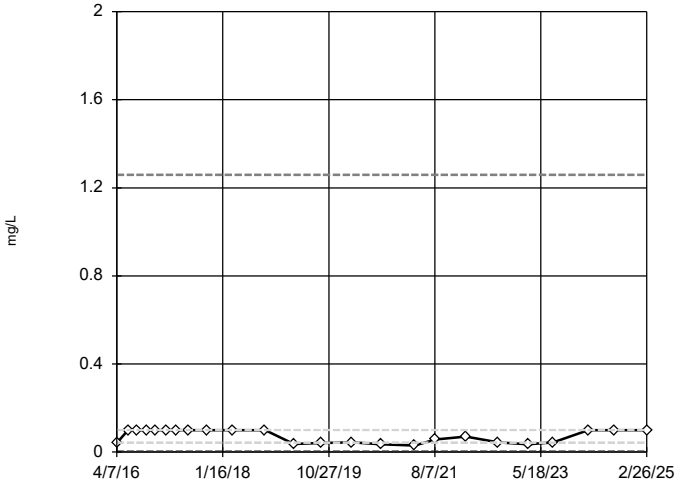
Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.259, low cutoff = 0.003415, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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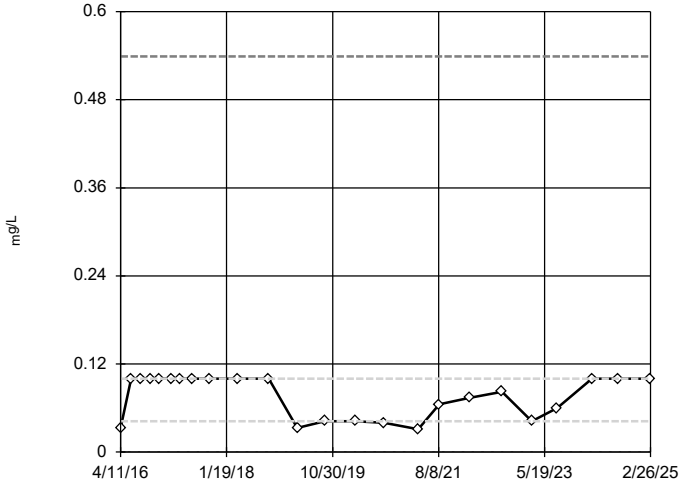
Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

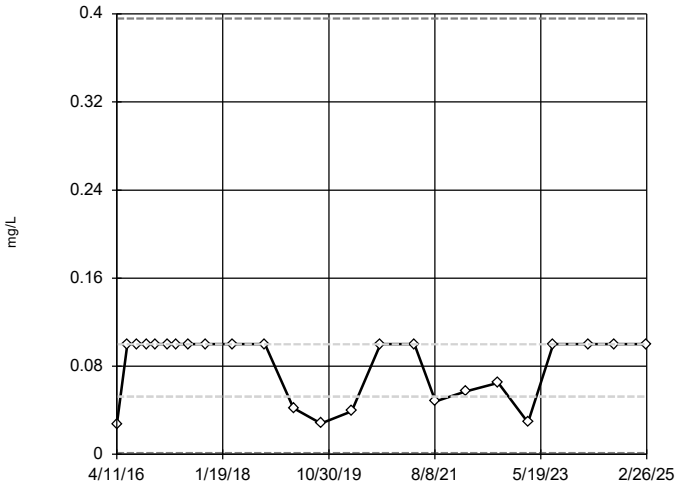
High cutoff = 0.539, low cutoff = -8.8e-9, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3958, low cutoff = 0.001127, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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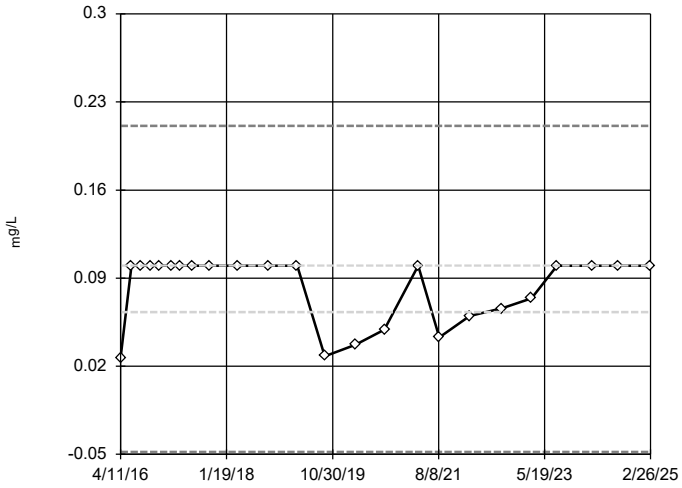
Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.211, low cutoff = -0.048, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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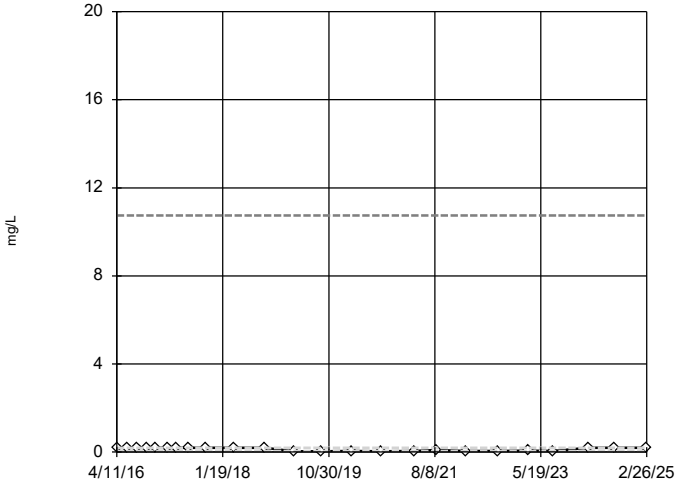
Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 10.75, low cutoff = 0.0009863, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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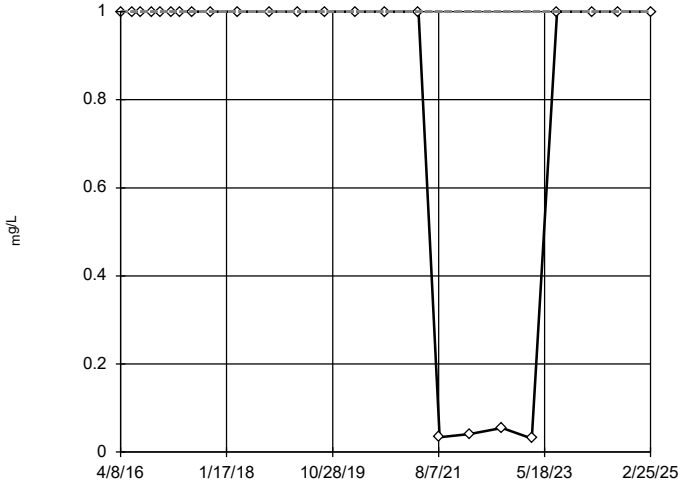
Tukey's Outlier Screening

GWC-53



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

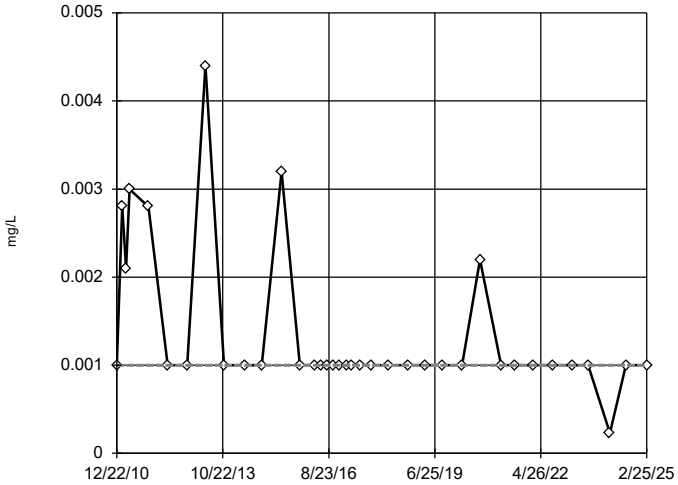
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

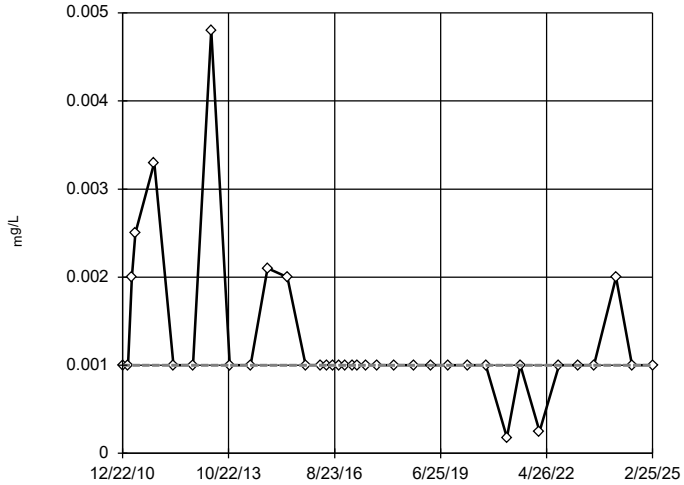
Constituent: Lead Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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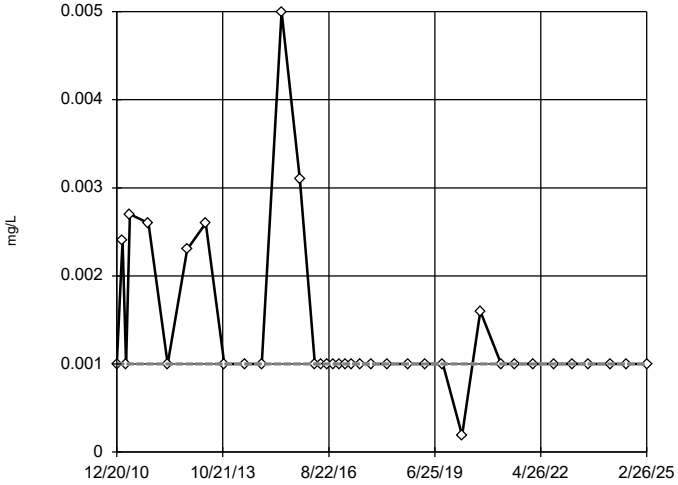
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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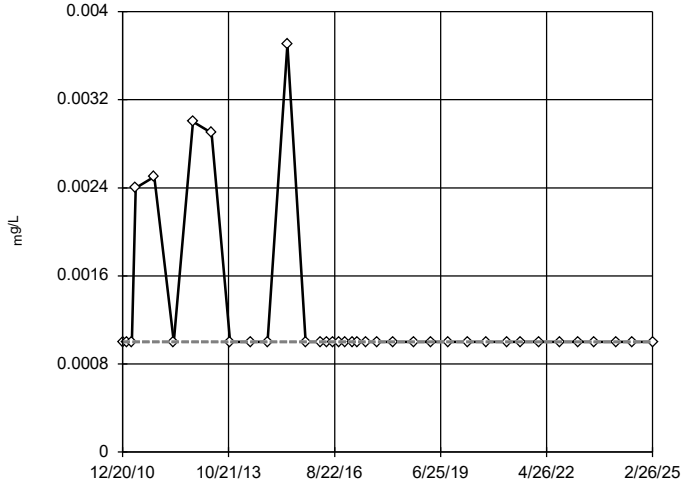
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

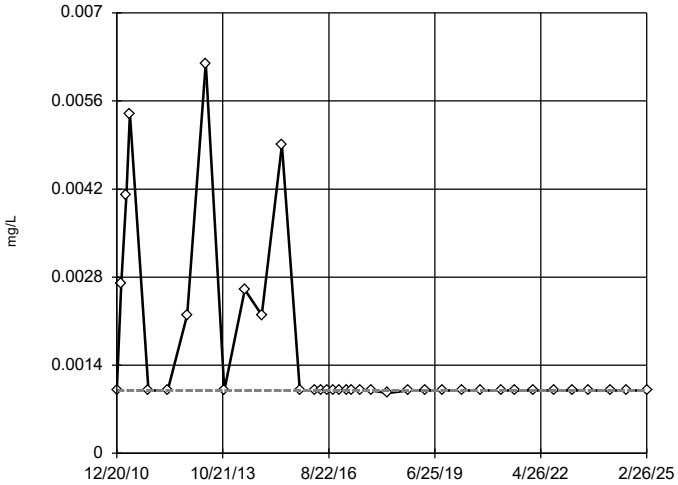
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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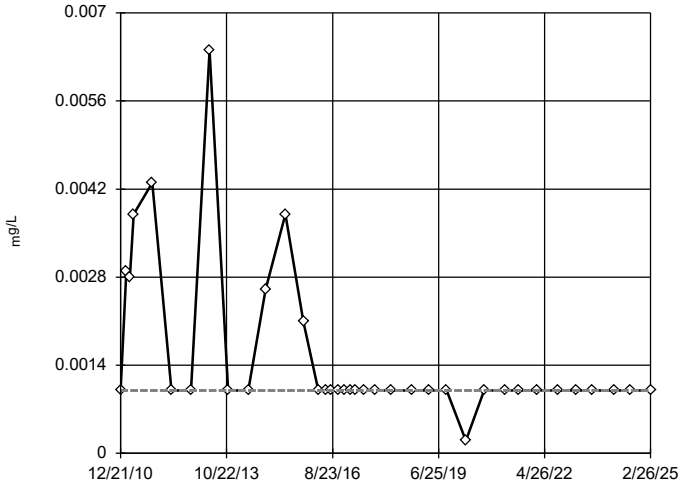
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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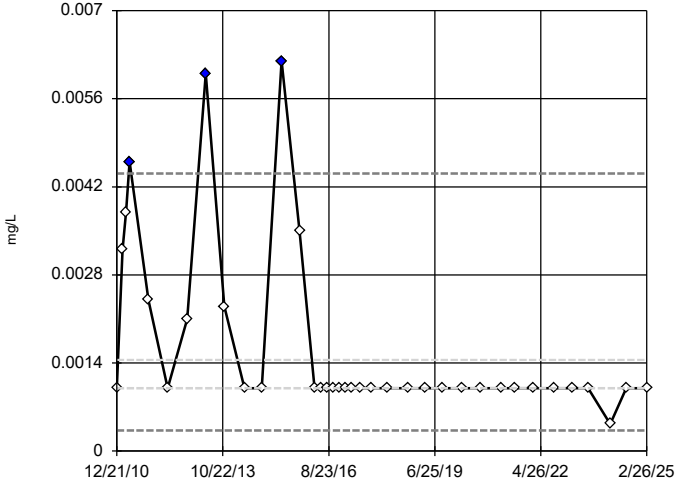
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.00441, low cutoff = 0.0003286, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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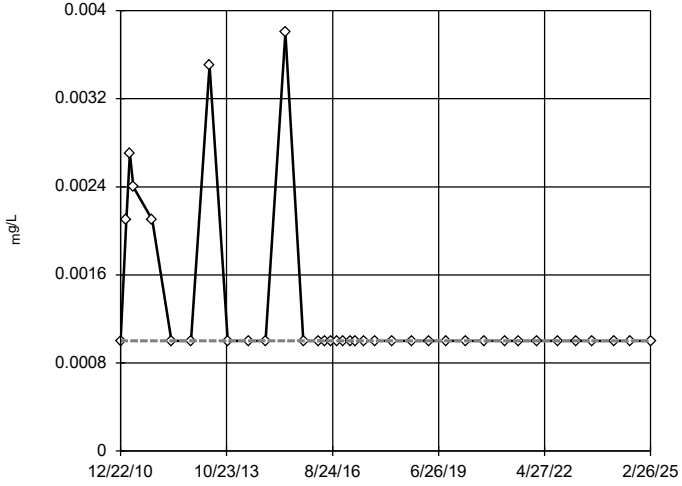
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

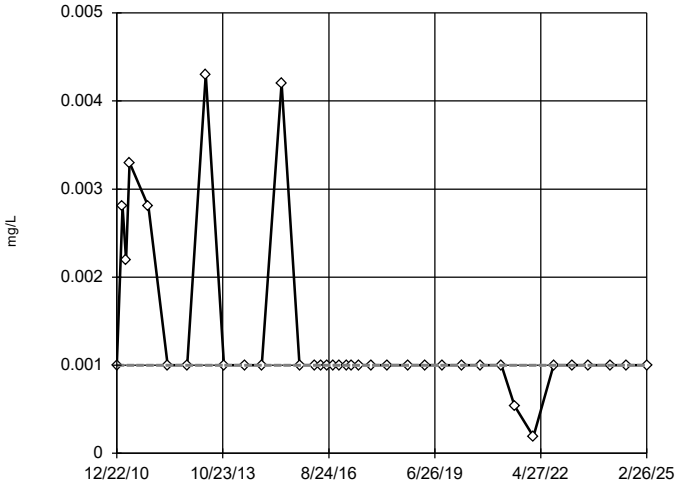
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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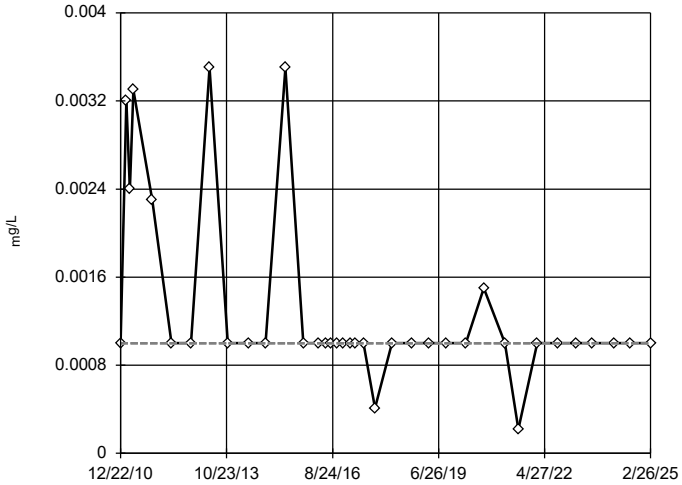
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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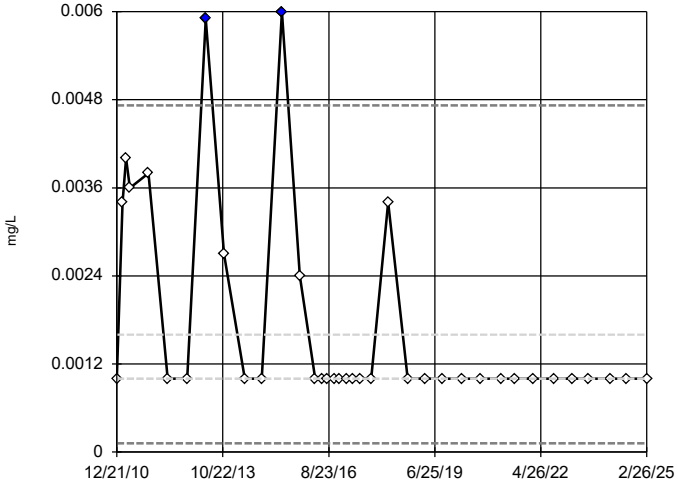
Tukey's Outlier Screening

GWC-52



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.004722, low cutoff = 0.0001189, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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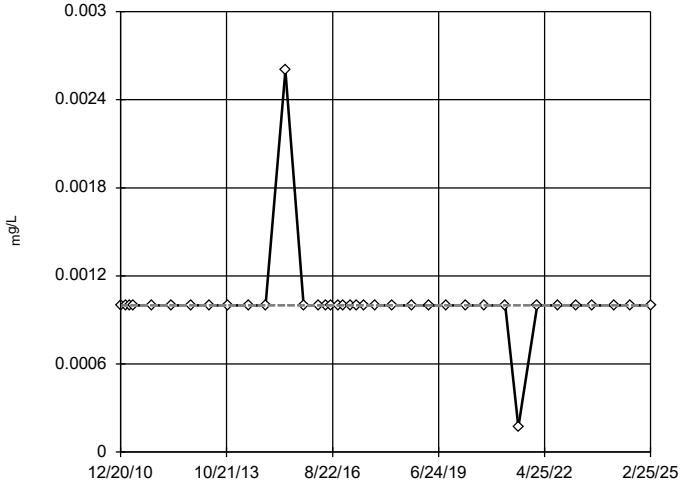
Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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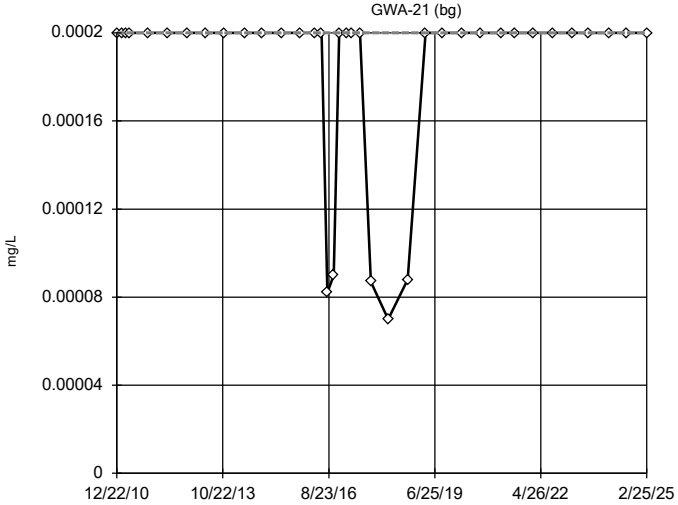
Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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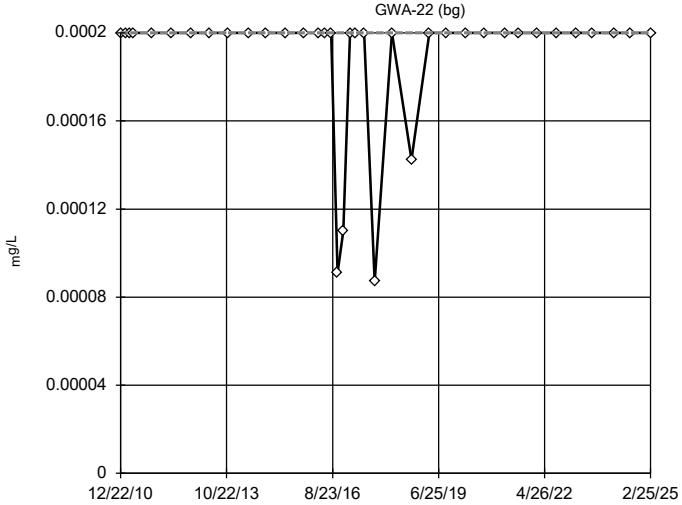
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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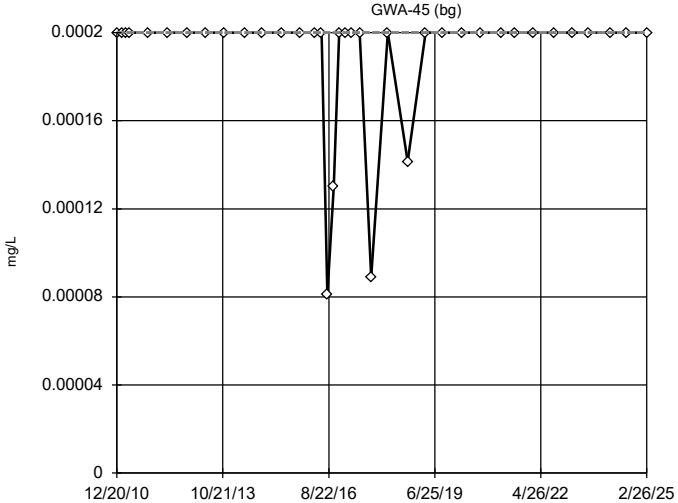
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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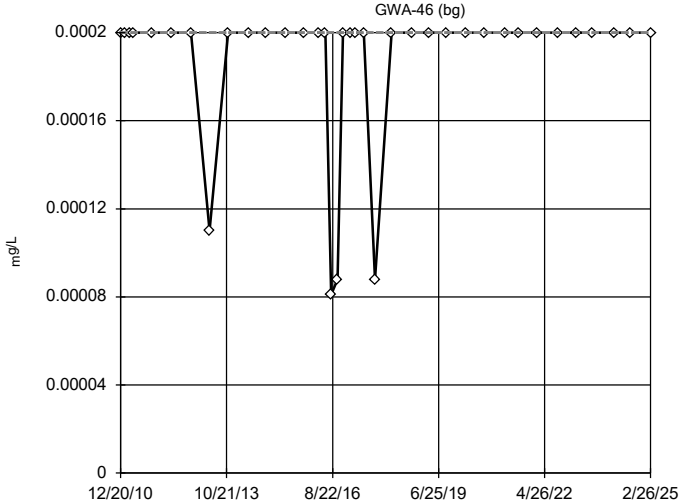
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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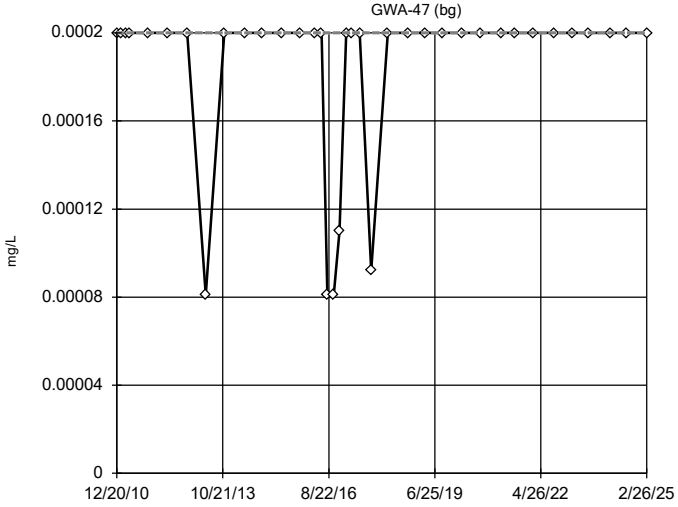
Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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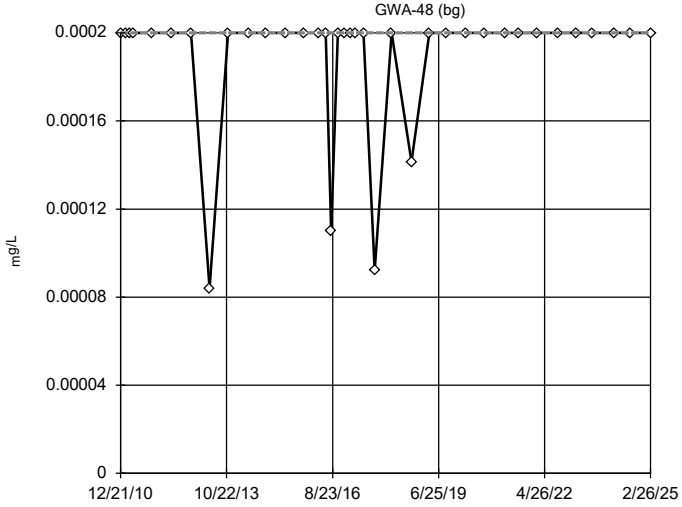
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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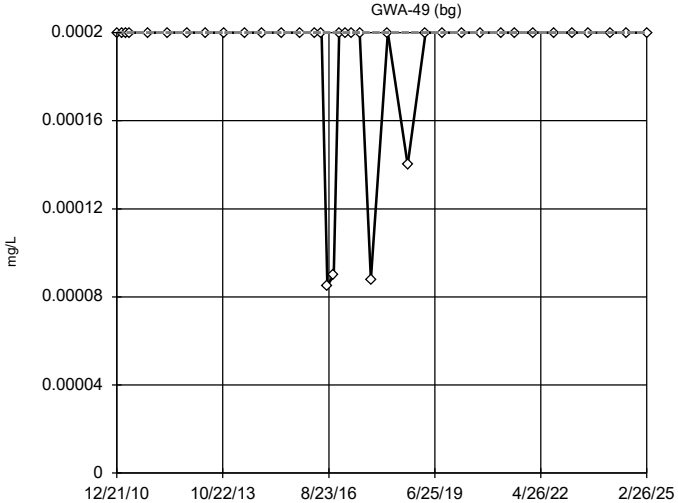
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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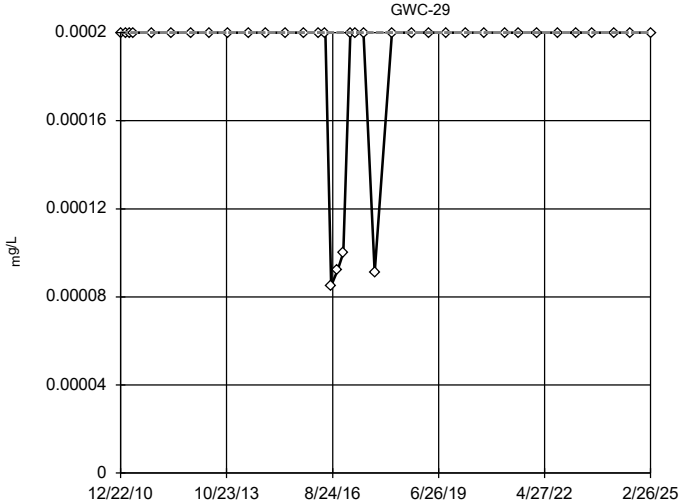
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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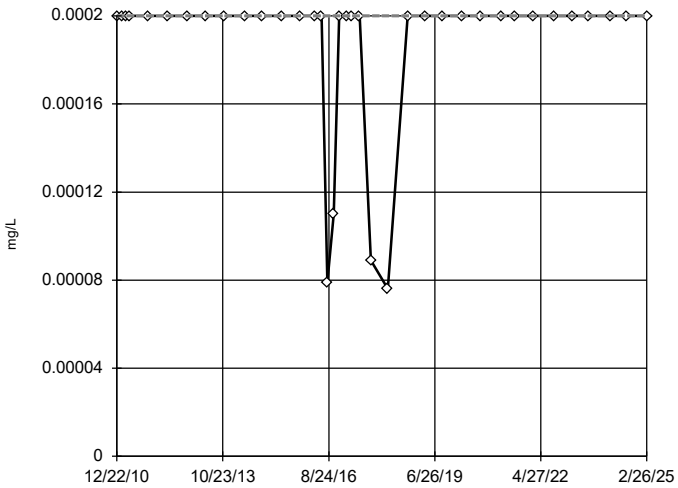
Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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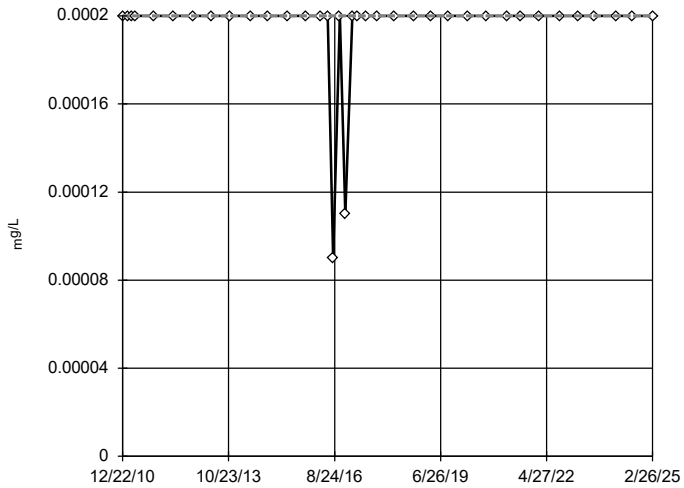
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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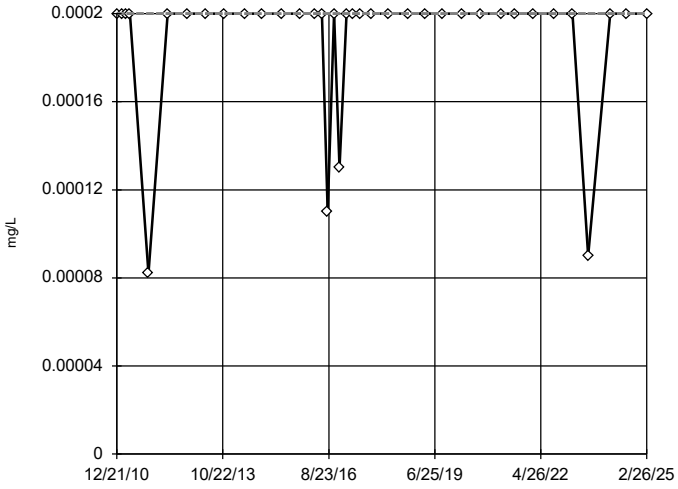
Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

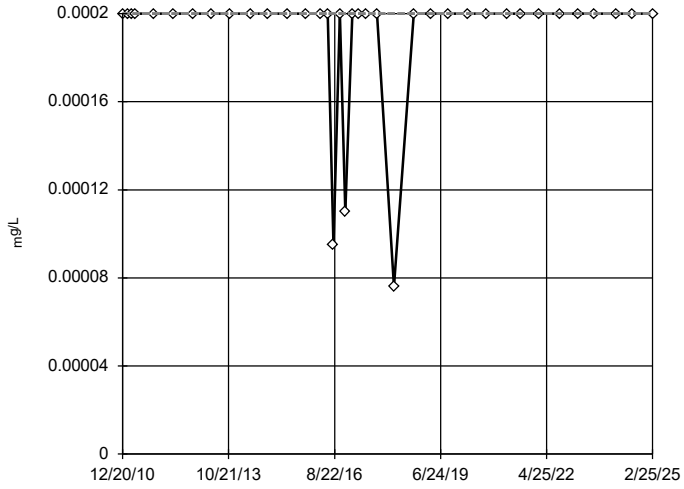
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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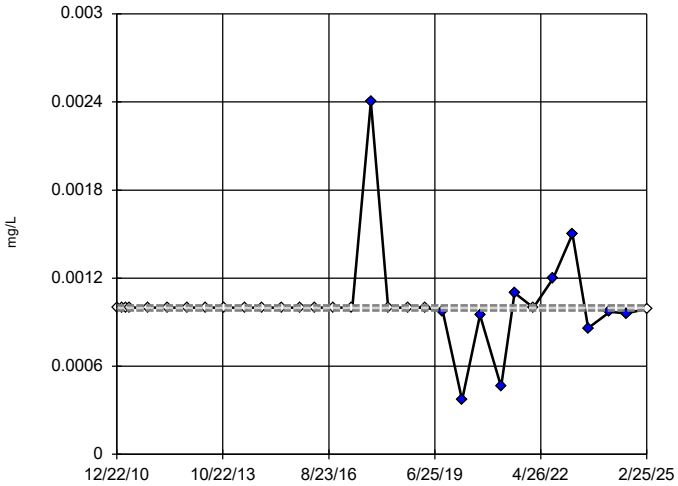
Tukey's Outlier Screening

GWA-21 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001015, low cutoff = 0.0009801, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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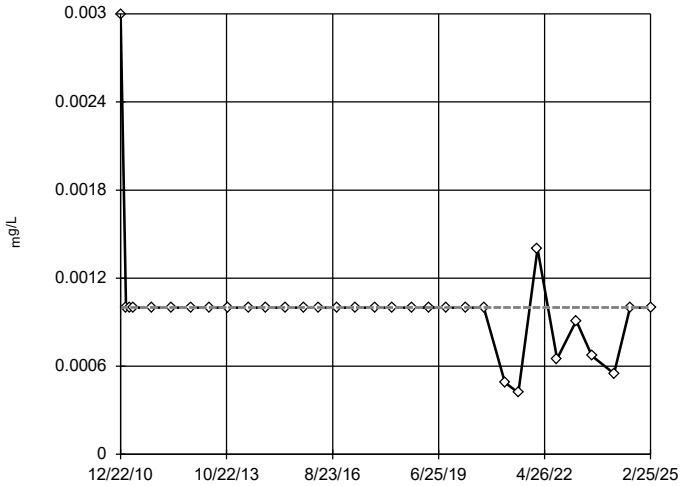
Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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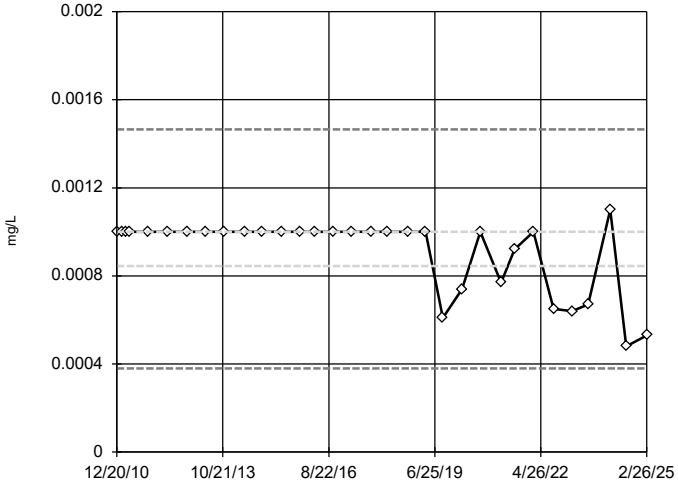
Tukey's Outlier Screening

GWA-45 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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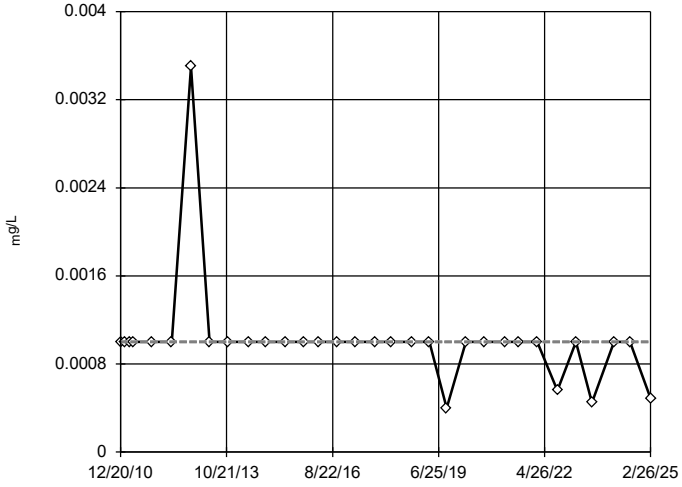
Tukey's Outlier Screening

GWA-46 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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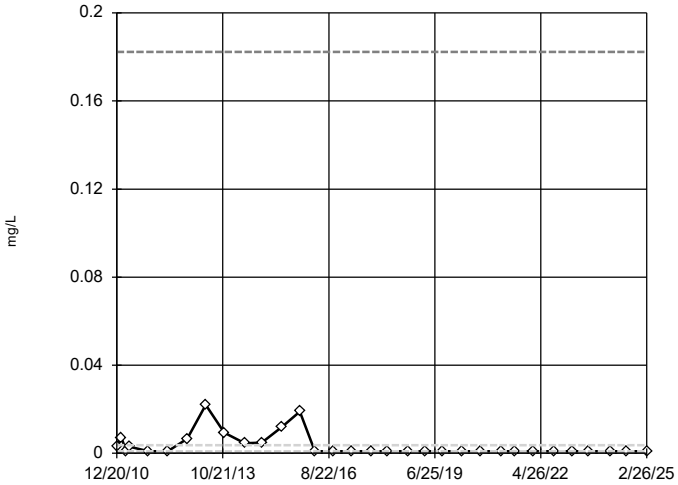
Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1822, low cutoff = 0.00002016, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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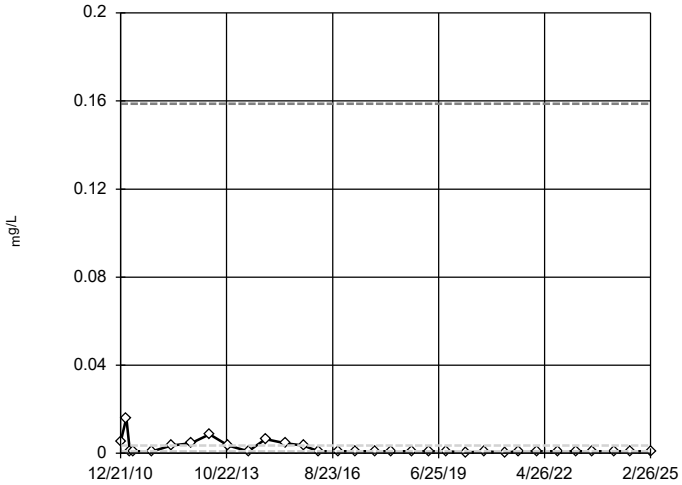
Tukey's Outlier Screening

GWA-48 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1588, low cutoff = 0.00002236, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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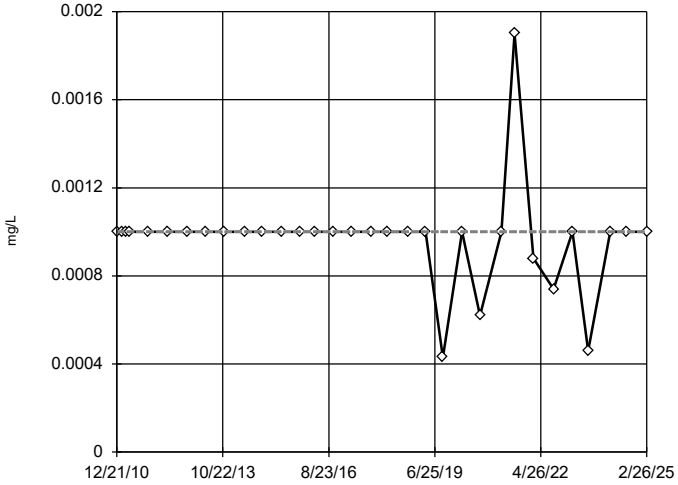
Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

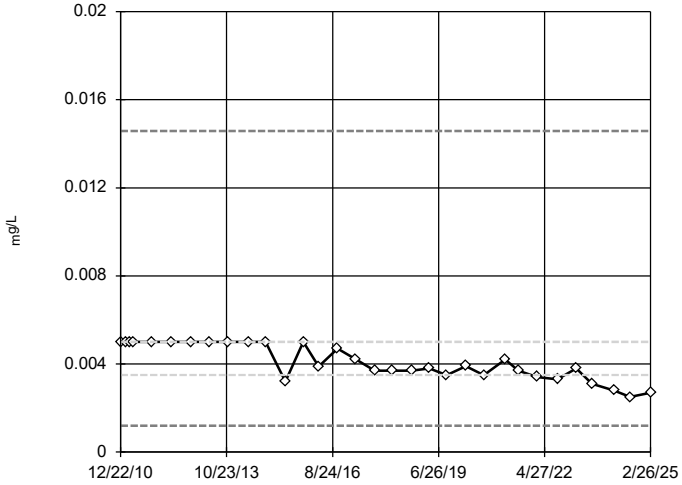
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-29



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01458, low cutoff = 0.001201, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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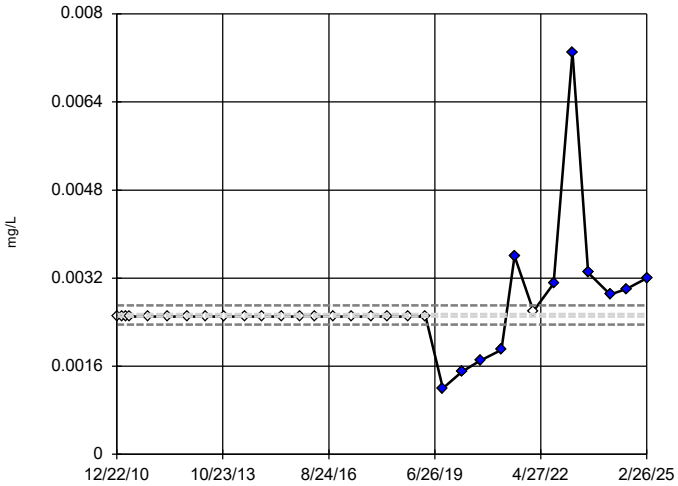
Tukey's Outlier Screening

GWC-50



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.002704, low cutoff = 0.002357, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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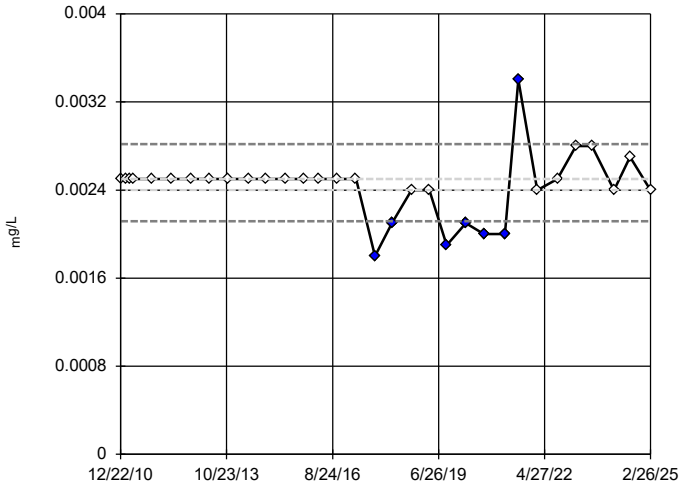
Tukey's Outlier Screening

GWC-51



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.002817, low cutoff = 0.002116, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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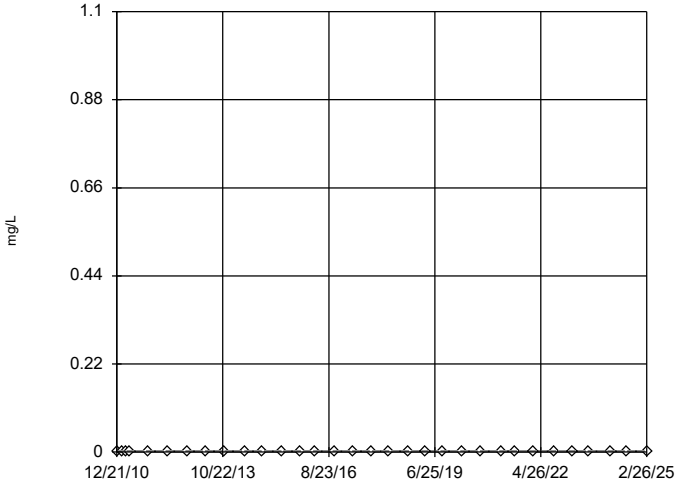
Tukey's Outlier Screening

GWC-52



n = 32

No outliers found.
Tukey's method selected by user.

All values are the same.

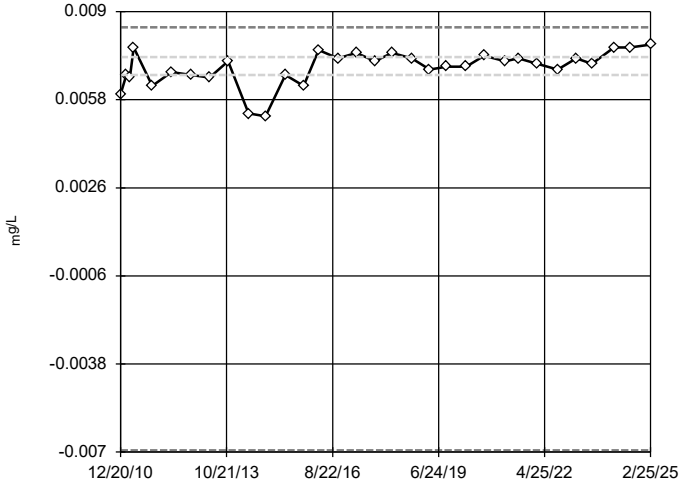
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-53



n = 32

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.008433, low cutoff = -0.006937, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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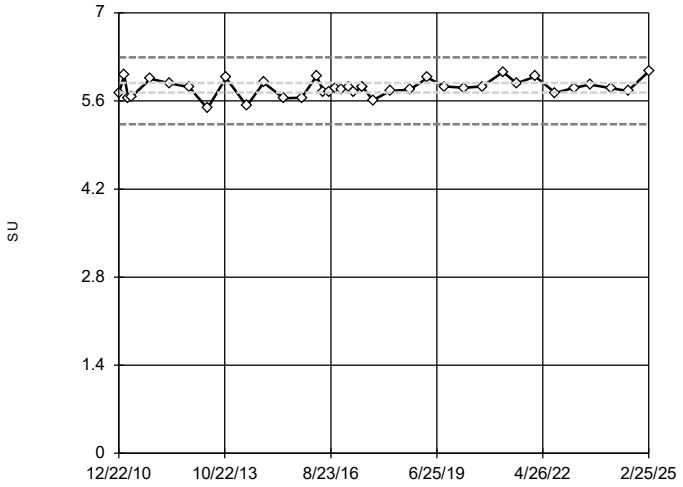
Tukey's Outlier Screening

GWA-21 (bg)



n = 38

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.294, low cutoff = 5.23, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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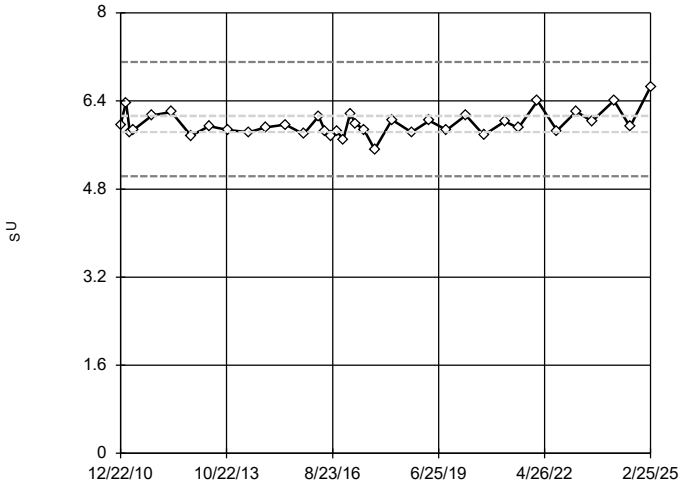
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.108, low cutoff = 5.032, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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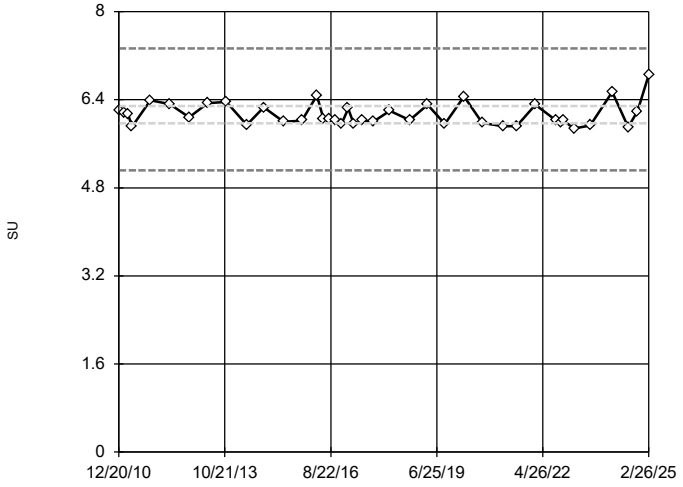
Tukey's Outlier Screening

GWA-45 (bg)



n = 40

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.333, low cutoff = 5.117, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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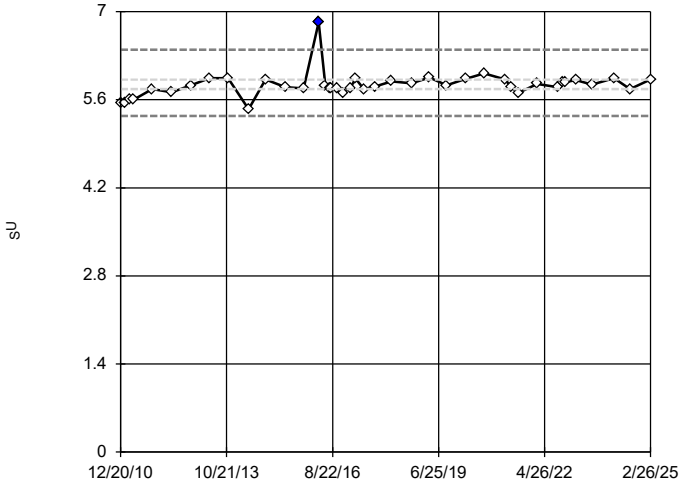
Tukey's Outlier Screening

GWA-46 (bg)



n = 41

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

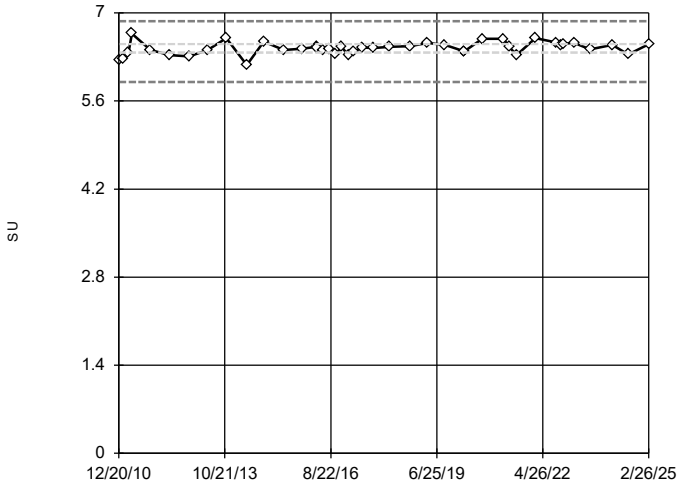
High cutoff = 6.394, low cutoff = 5.342, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 42

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.866, low cutoff = 5.903, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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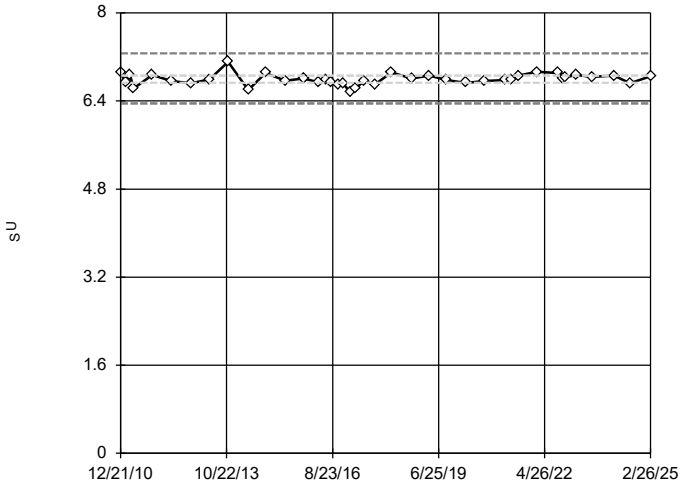
Tukey's Outlier Screening

GWA-48 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.265, low cutoff = 6.355, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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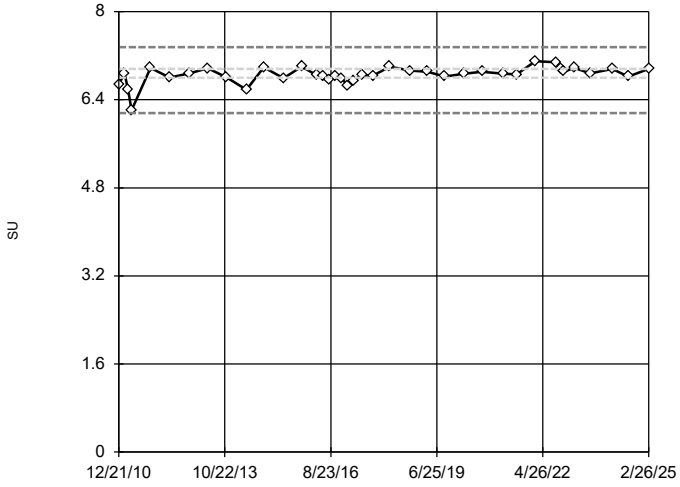
Tukey's Outlier Screening

GWA-49 (bg)



n = 39

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.353, low cutoff = 6.157, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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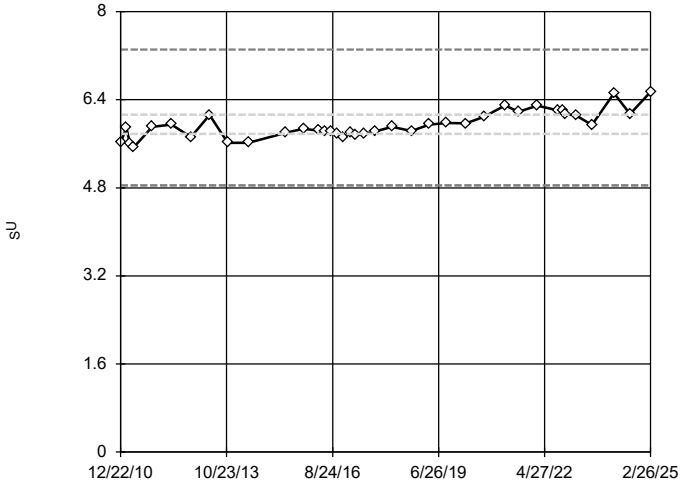
Tukey's Outlier Screening

GWC-29



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.312, low cutoff = 4.845, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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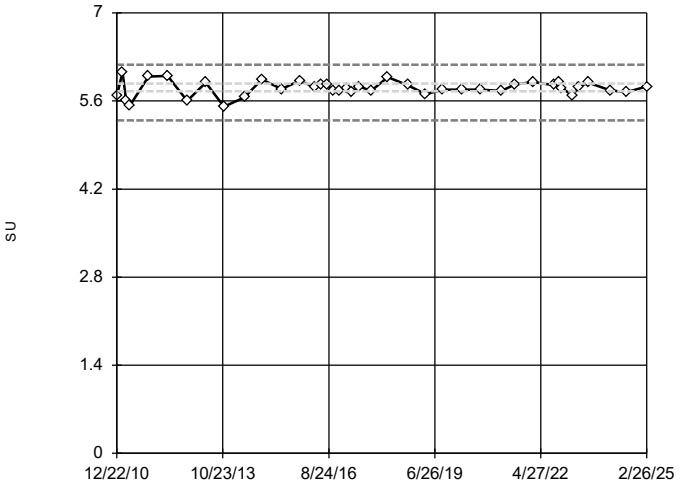
Tukey's Outlier Screening

GWC-50



n = 40

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.176, low cutoff = 5.292, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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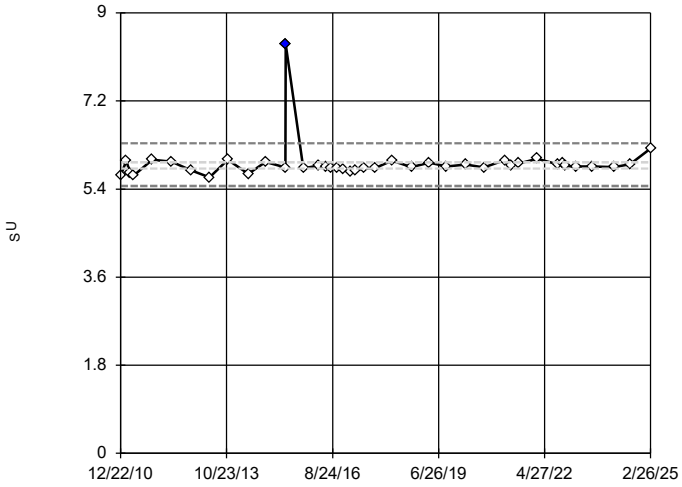
Tukey's Outlier Screening

GWC-51



n = 41

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.336, low cutoff = 5.461, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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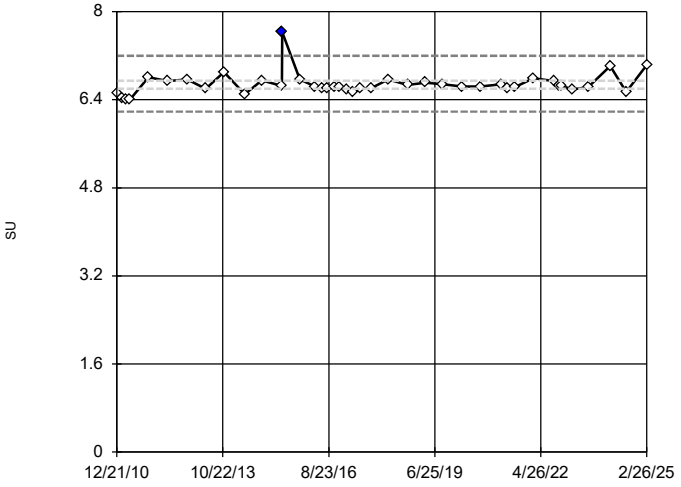
Tukey's Outlier Screening

GWC-52



n = 41

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.199, low cutoff = 6.183, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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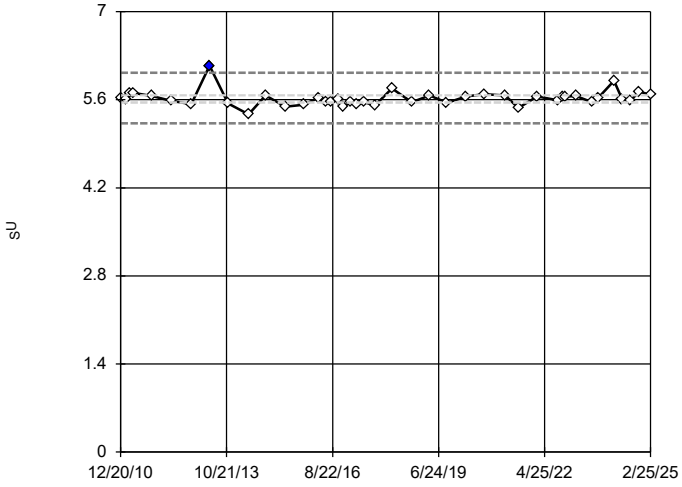
Tukey's Outlier Screening

GWC-53



n = 42

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

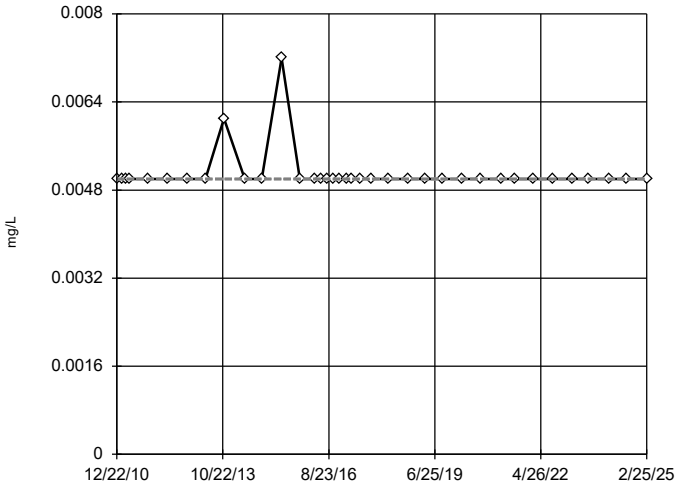
High cutoff = 6.029, low cutoff = 5.224, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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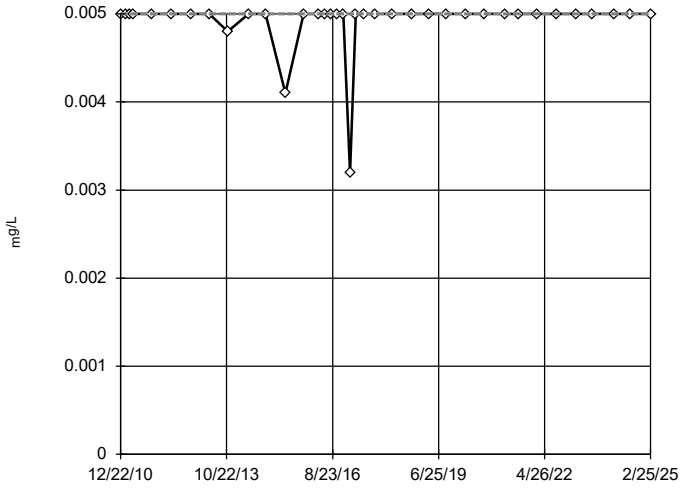
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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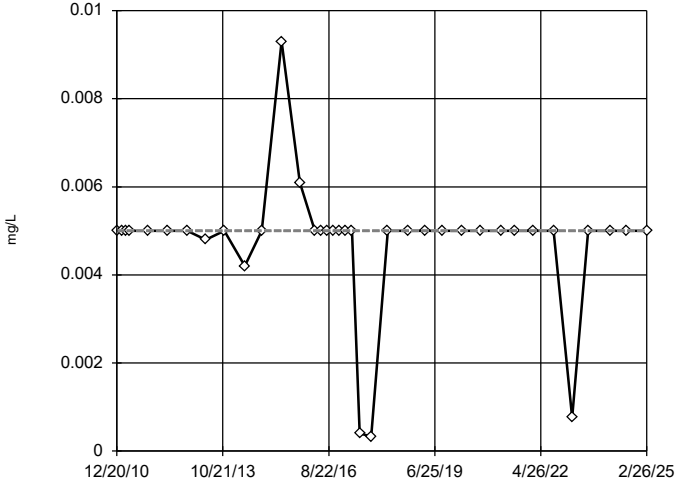
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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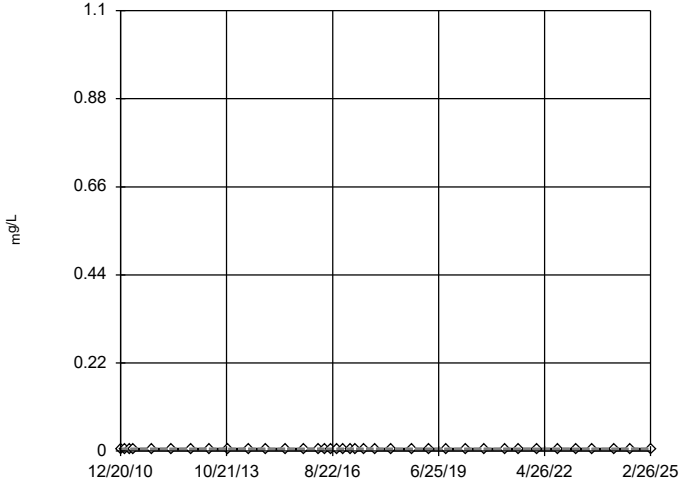
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

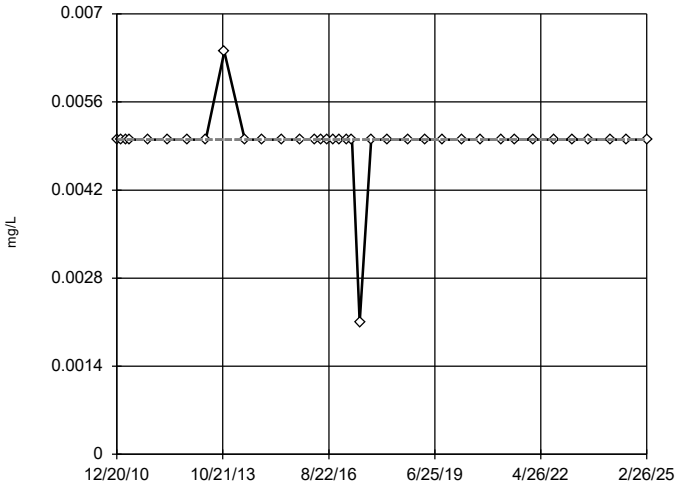
All values are the same.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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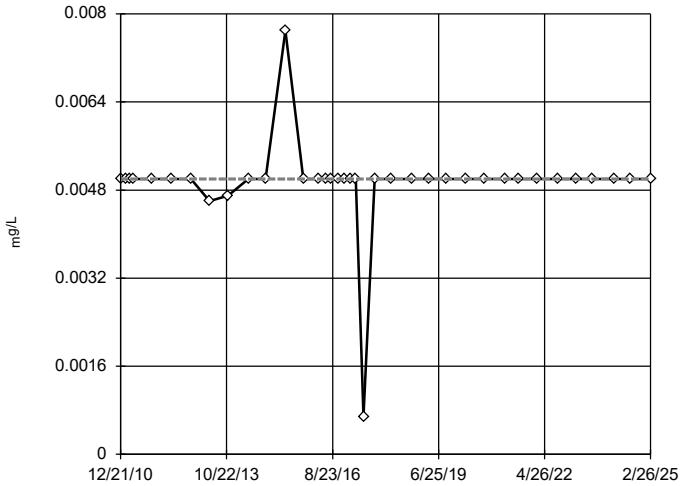
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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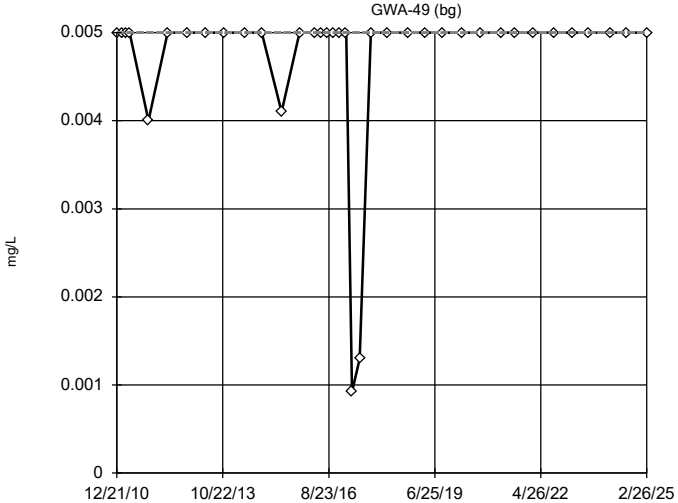
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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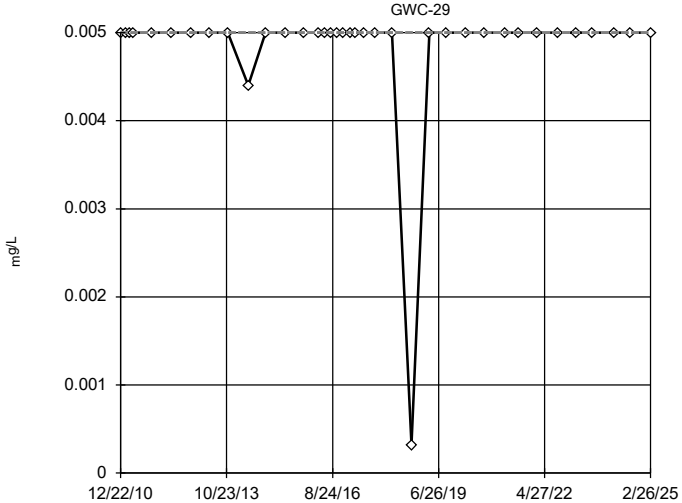
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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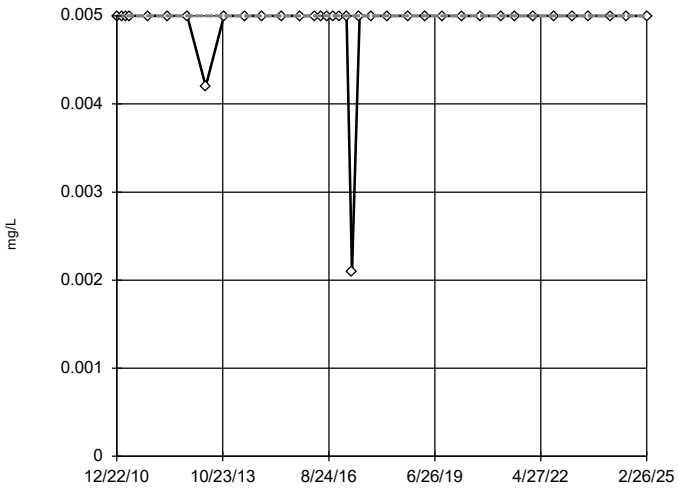
Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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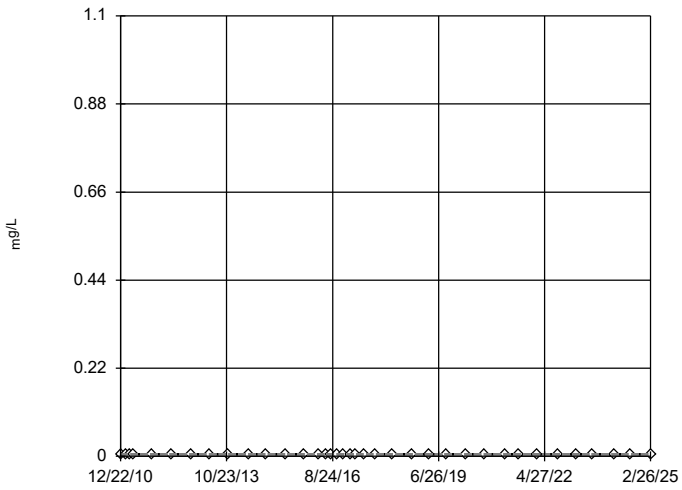
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

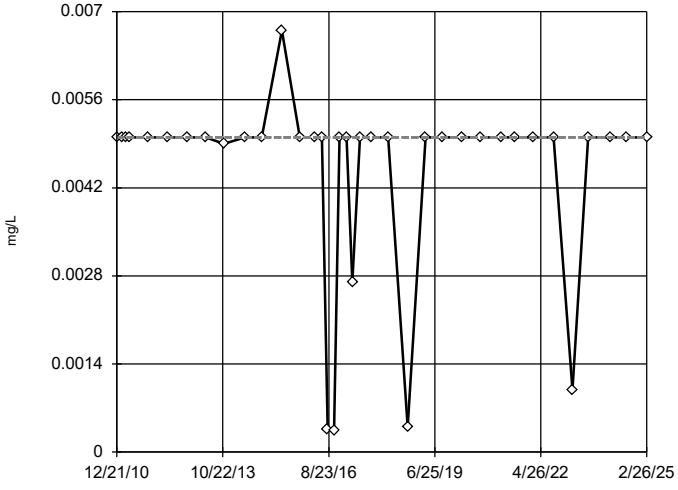
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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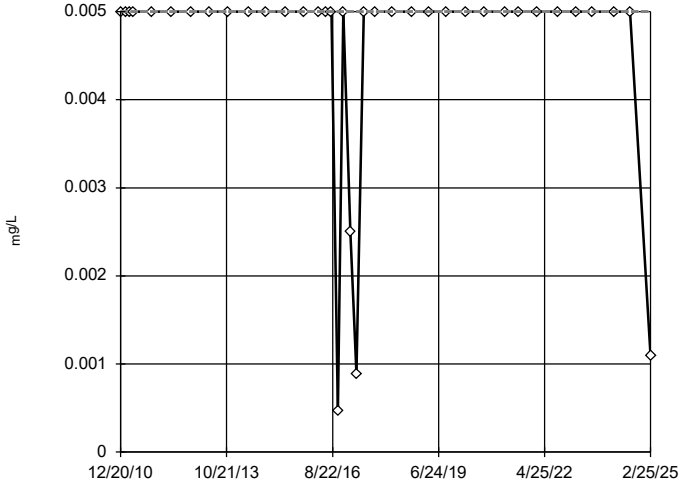
Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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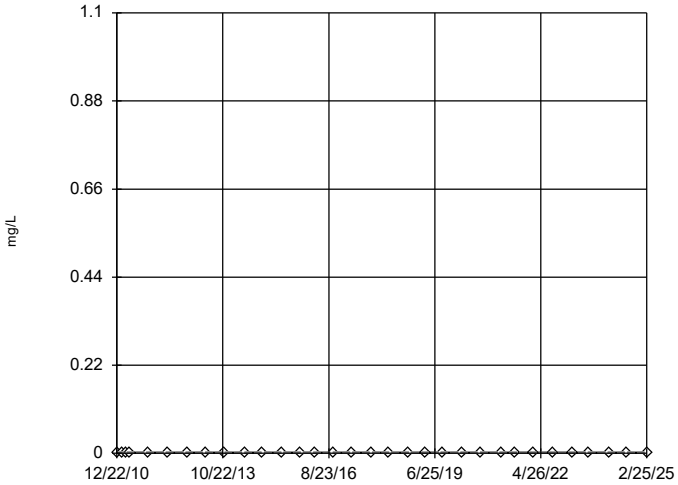
Tukey's Outlier Screening

GWA-21 (bg)



n = 32

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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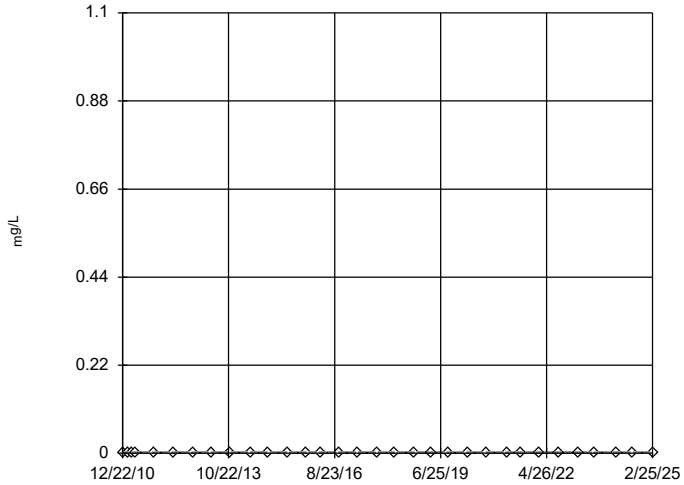
Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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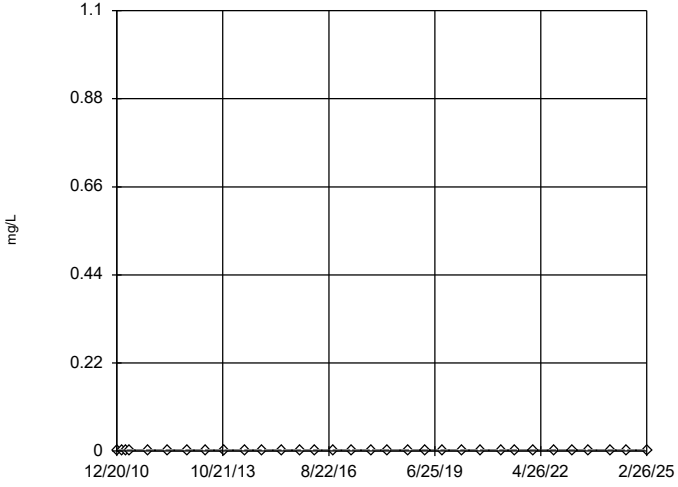
Tukey's Outlier Screening

GWA-45 (bg)



n = 32

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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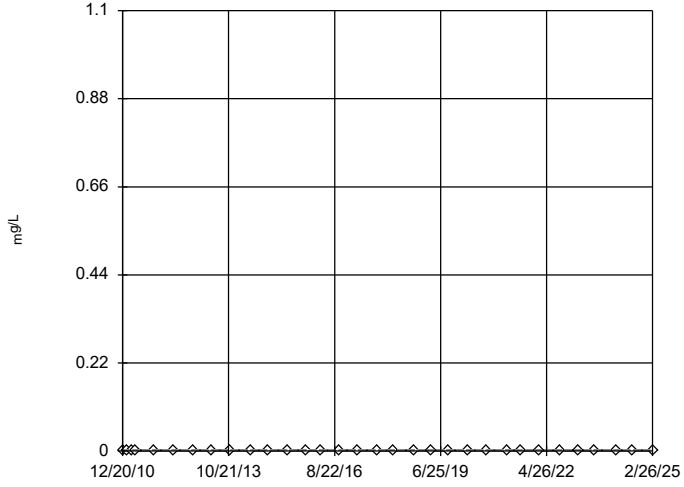
Tukey's Outlier Screening

GWA-46 (bg)



n = 32

No outliers found.
Tukey's method select-
ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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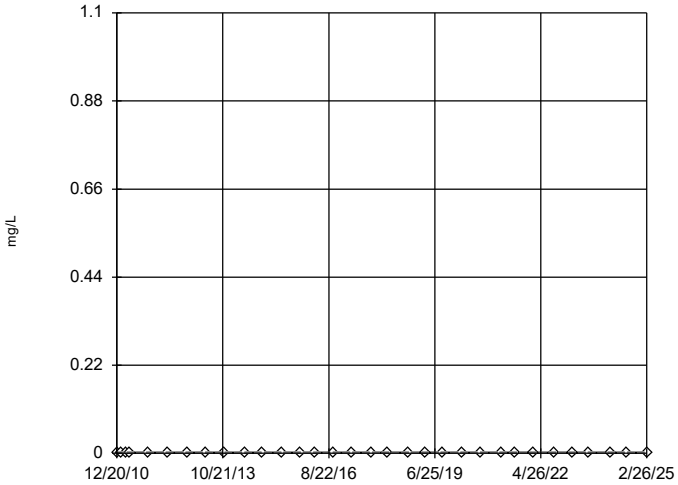
Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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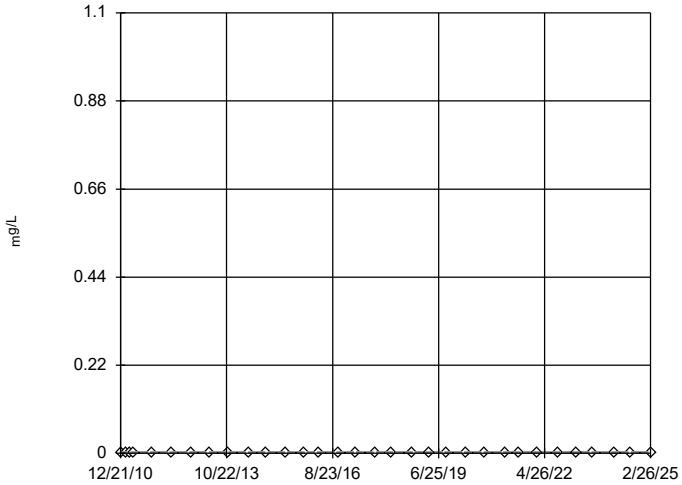
Tukey's Outlier Screening

GWA-48 (bg)



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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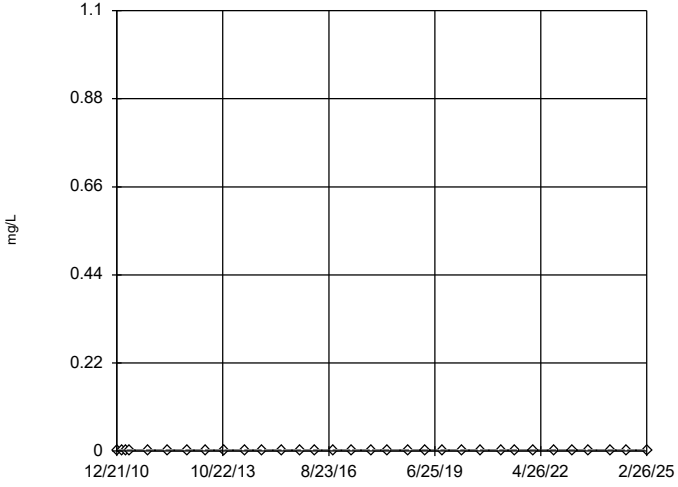
Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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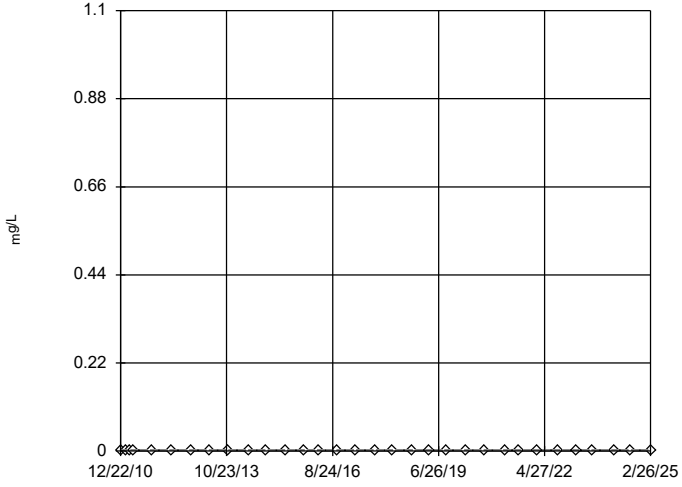
Tukey's Outlier Screening

GWC-29



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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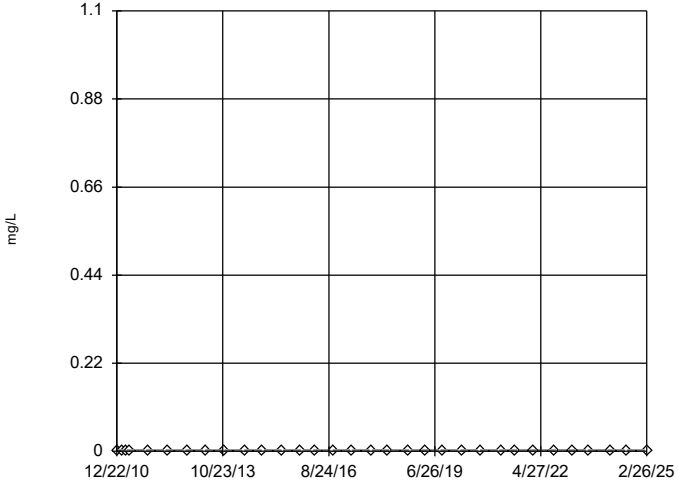
Tukey's Outlier Screening

GWC-50



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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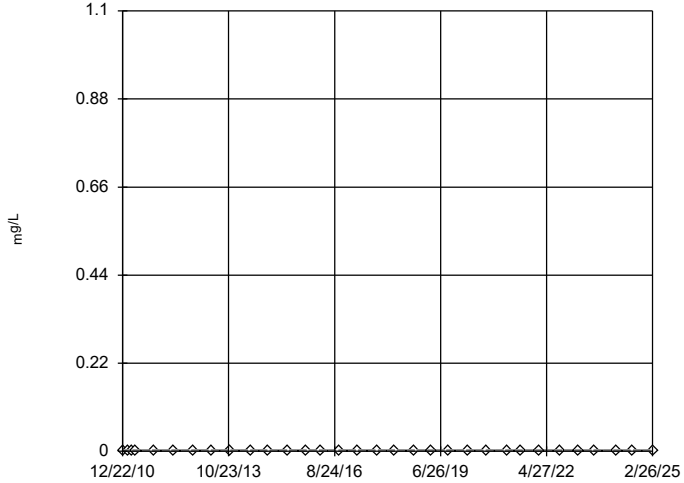
Tukey's Outlier Screening

GWC-51



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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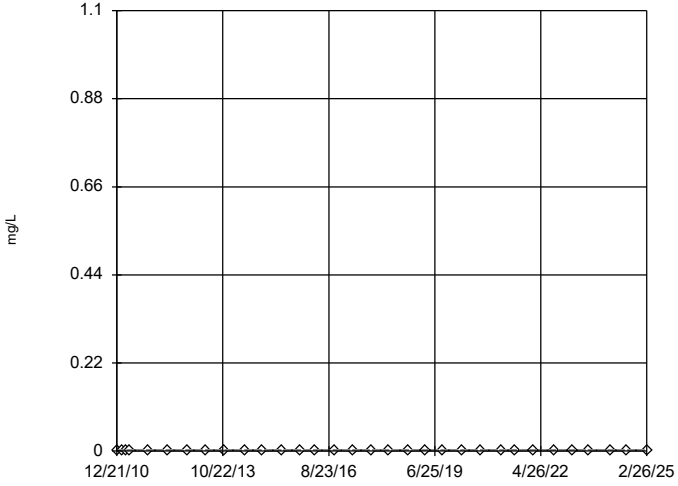
Tukey's Outlier Screening

GWC-52



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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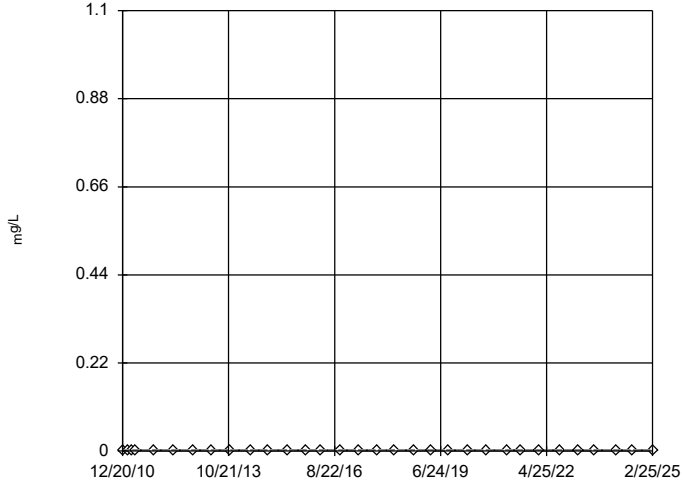
Tukey's Outlier Screening

GWC-53



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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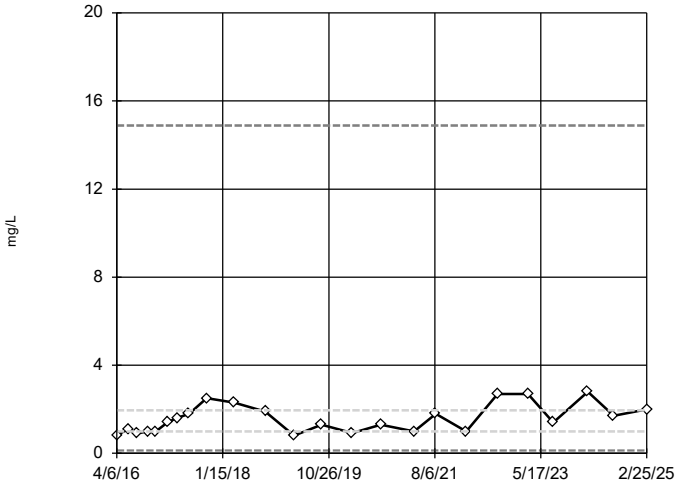
Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 14.88, low cutoff = 0.1297, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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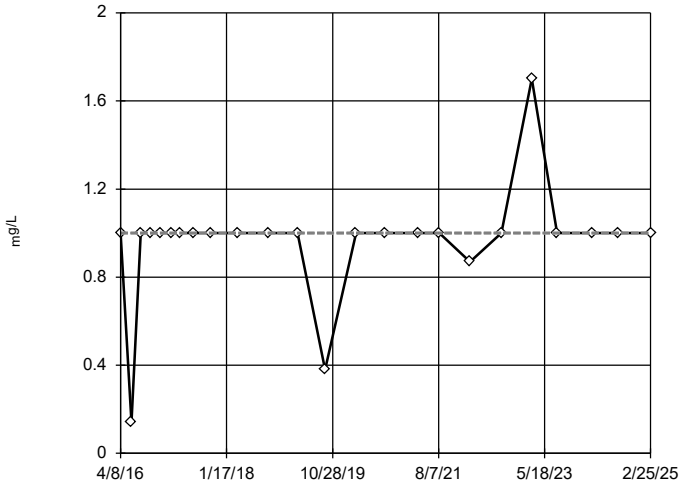
Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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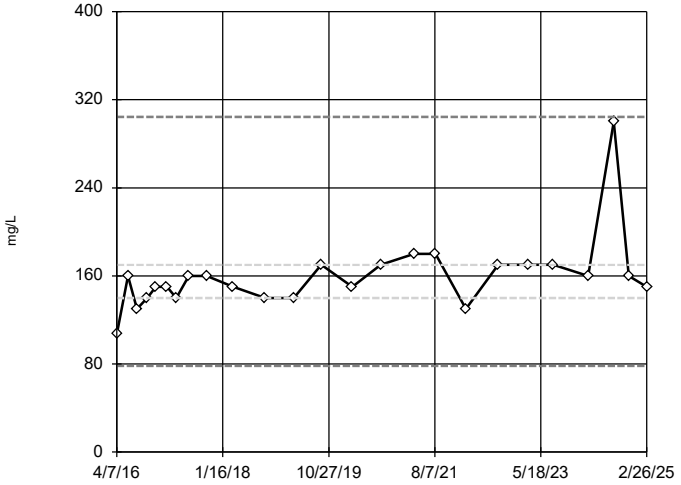
Tukey's Outlier Screening

GWA-45 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 304.4, low cutoff = 78.19, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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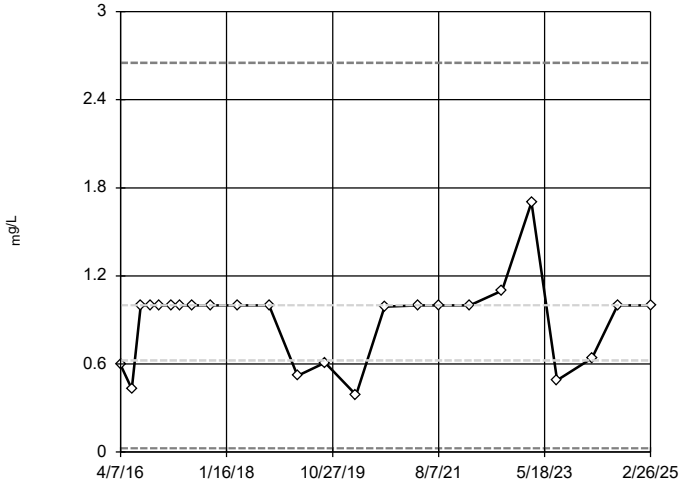
Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.652, low cutoff = 0.02626, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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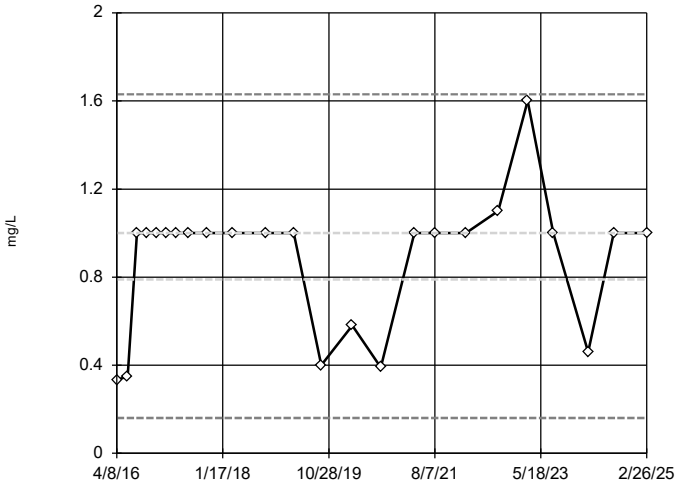
Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 1.63, low cutoff = 0.16, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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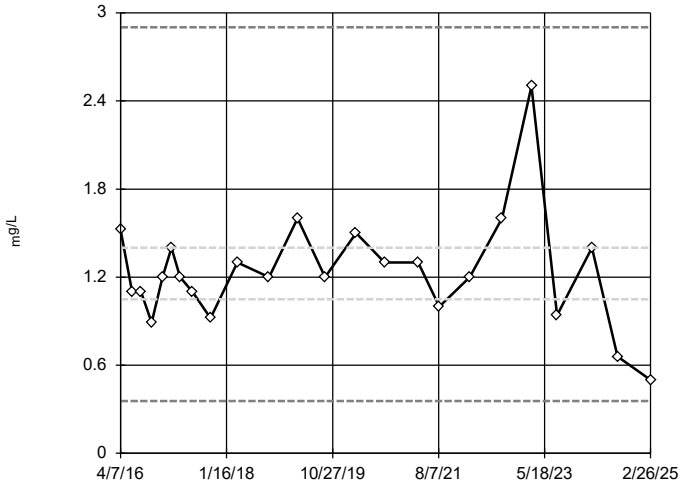
Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.902, low cutoff = 0.3556, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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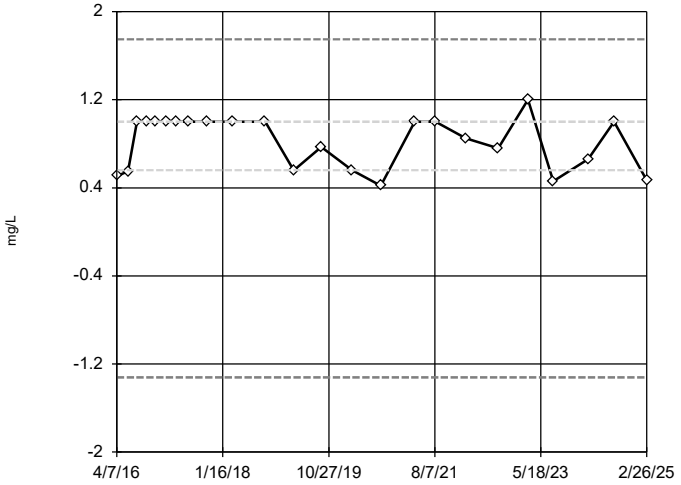
Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.749, low cutoff = -1.321, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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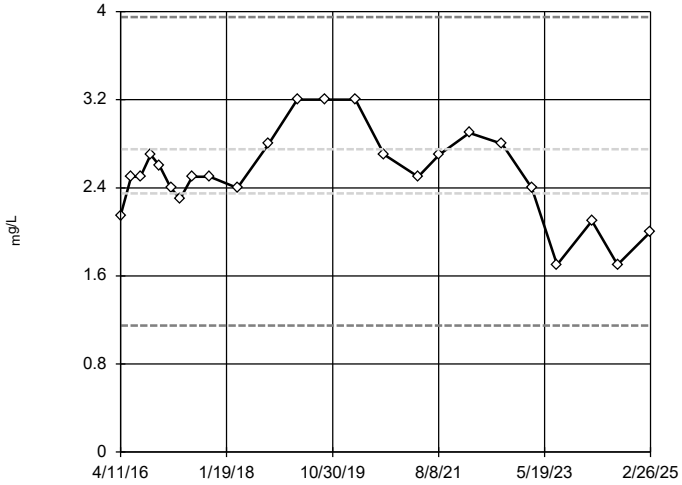
Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 3.95, low cutoff = 1.15, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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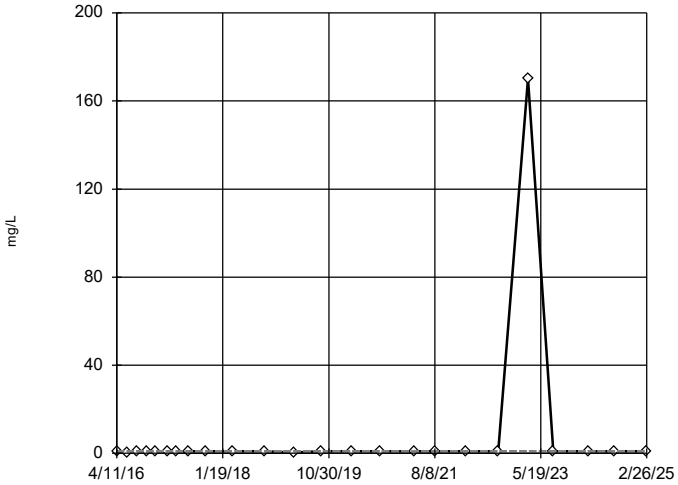
Tukey's Outlier Screening

GWC-50



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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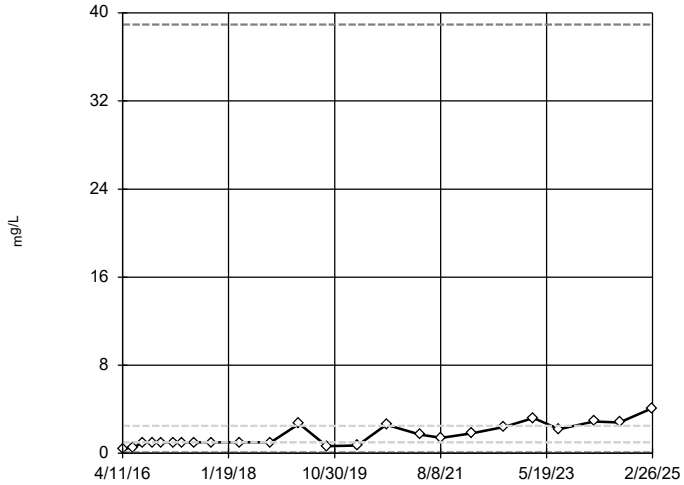
Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 38.94, low cutoff = 0.06415, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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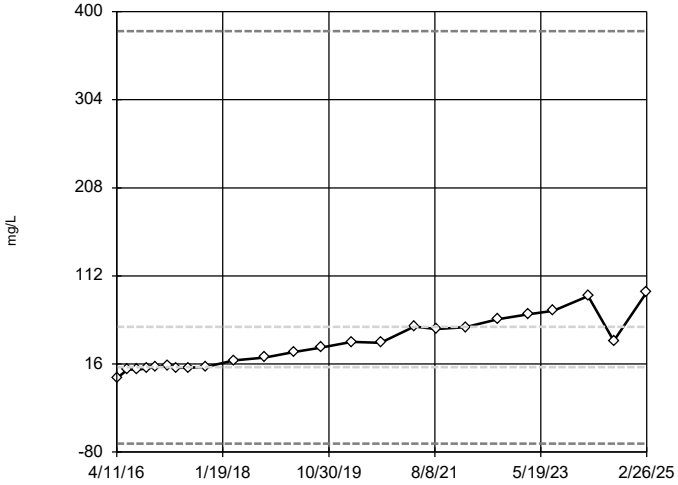
Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 378.8, low cutoff = -70.74, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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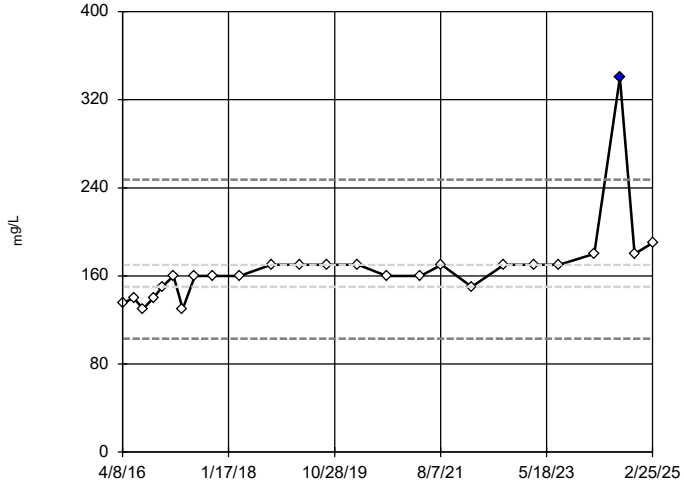
Tukey's Outlier Screening

GWC-53



n = 25

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

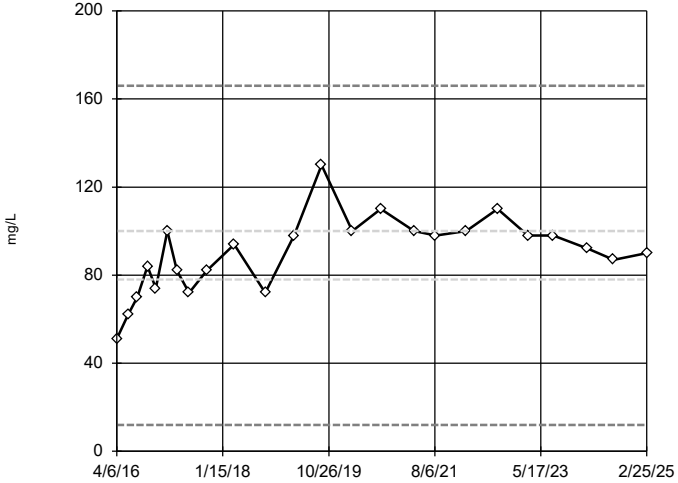
High cutoff = 247.5, low cutoff = 103, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 166, low cutoff = 12, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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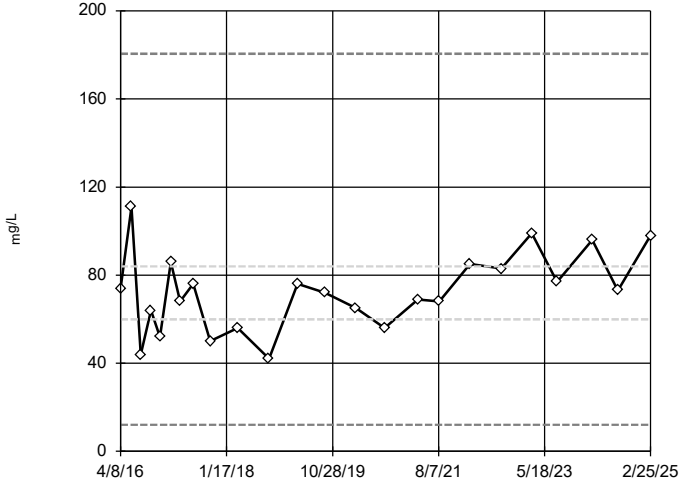
Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 180.5, low cutoff = 12.05, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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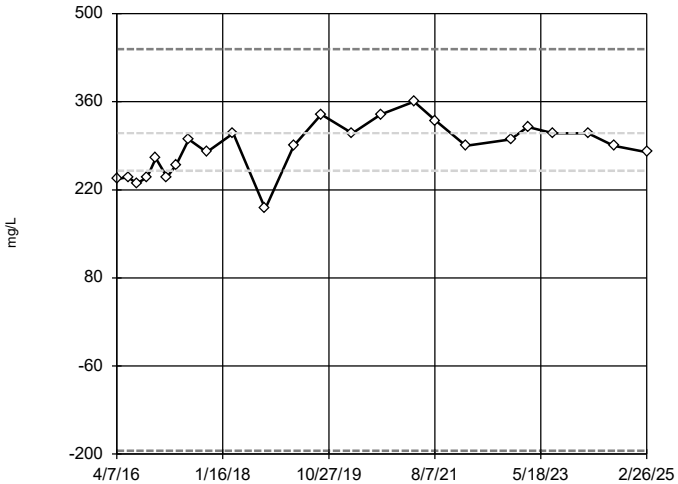
Tukey's Outlier Screening

GWA-45 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 443.4, low cutoff = -194.7, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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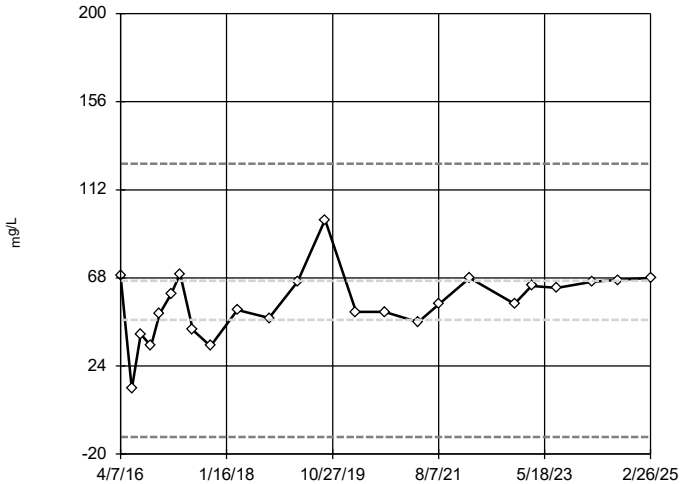
Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 125, low cutoff = -11.5, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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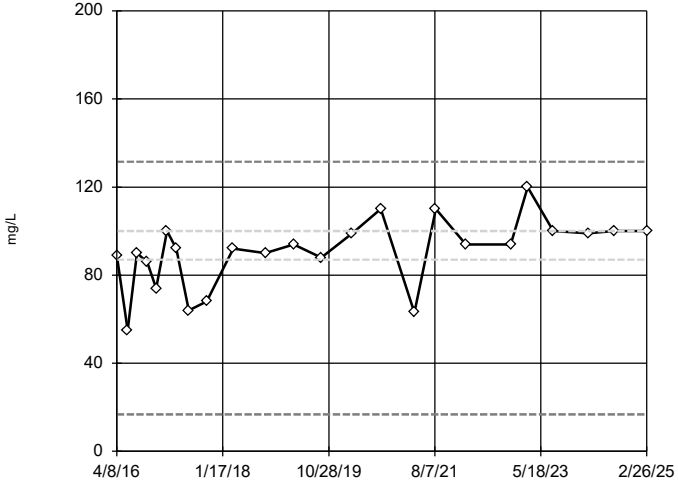
Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 131.5, low cutoff = 16.73, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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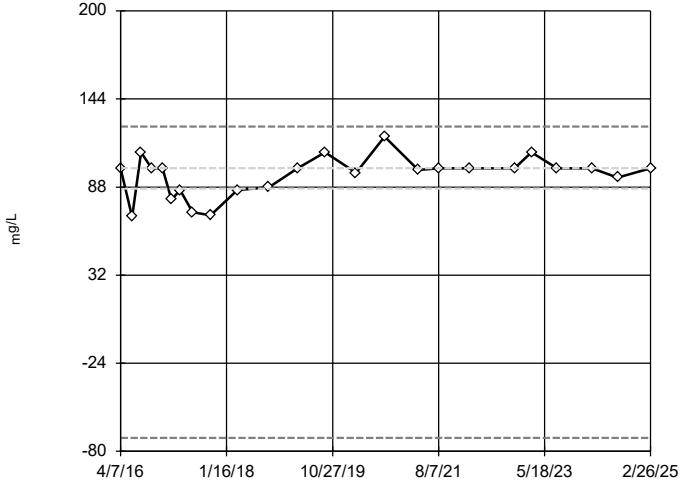
Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 126.5, low cutoff = -71.46, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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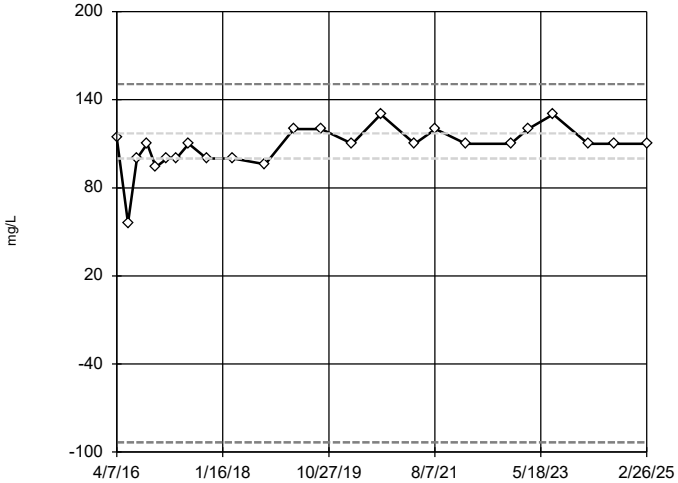
Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 150.7, low cutoff = -93.38, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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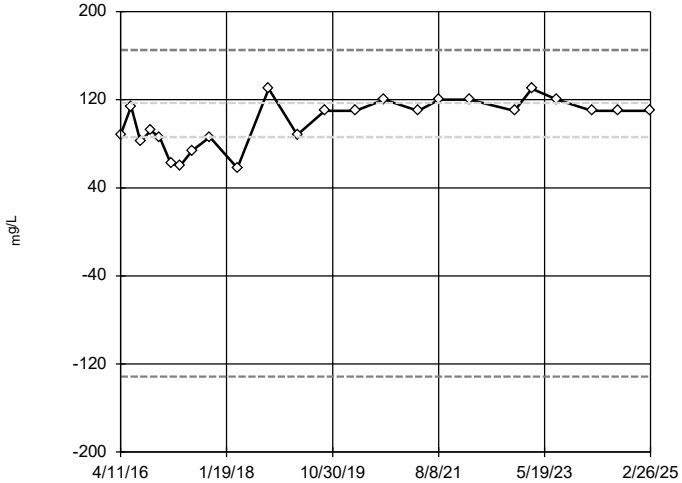
Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

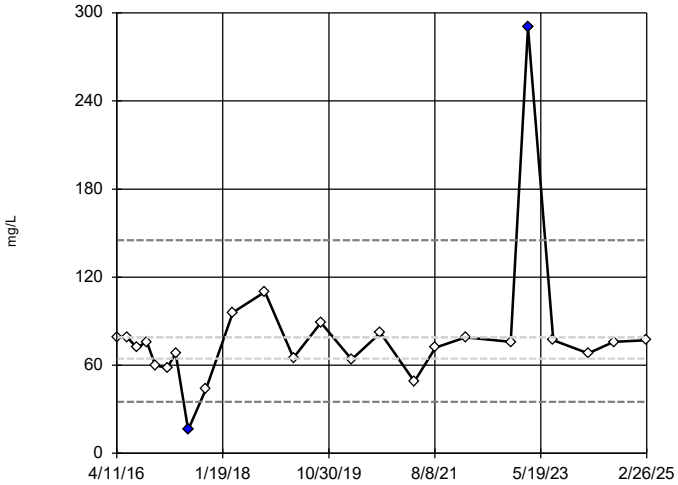
High cutoff = 165.2, low cutoff = -131.4, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 145.2, low cutoff = 35.1, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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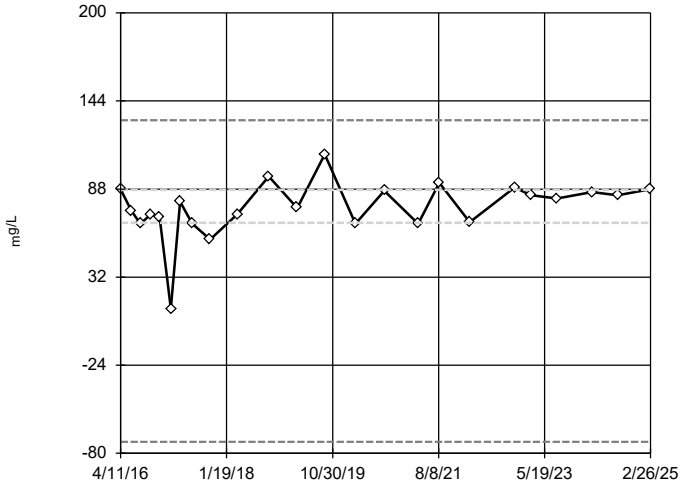
Tukey's Outlier Screening

GWC-51



n = 24

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 131.8, low cutoff = -72.66, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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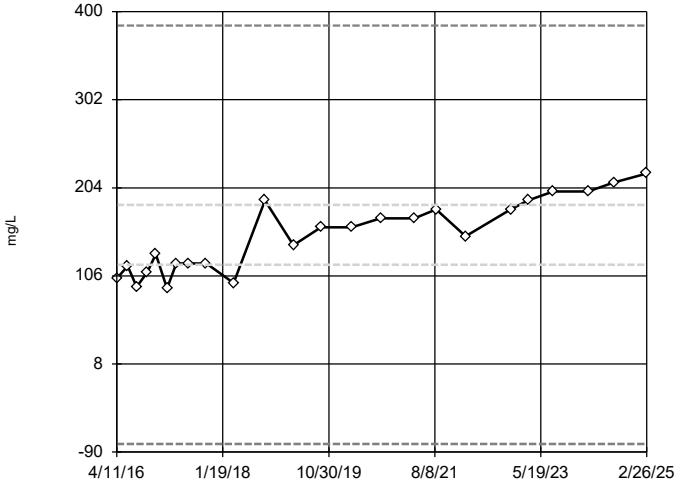
Tukey's Outlier Screening

GWC-52



n = 24

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 384.5, low cutoff = -81, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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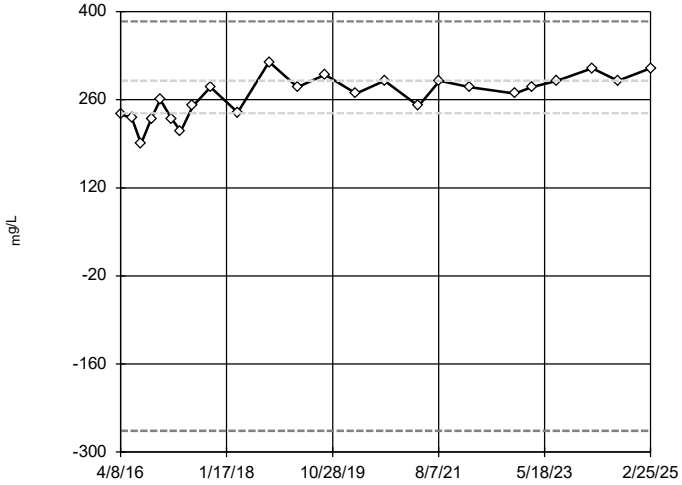
Tukey's Outlier Screening

GWC-53



n = 24

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 384.5, low cutoff = -266.3, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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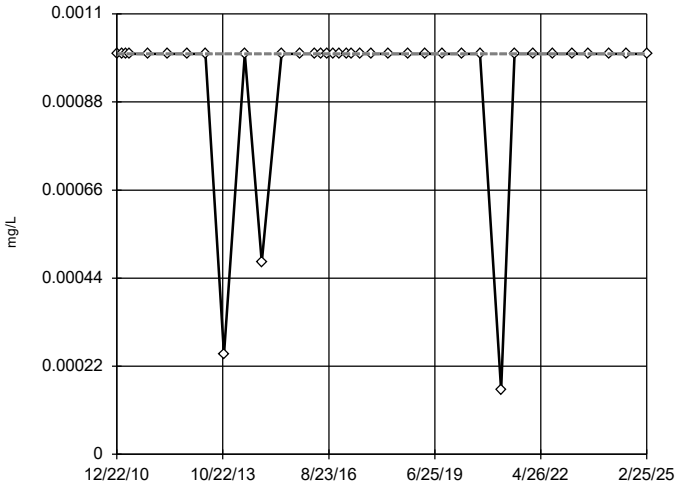
Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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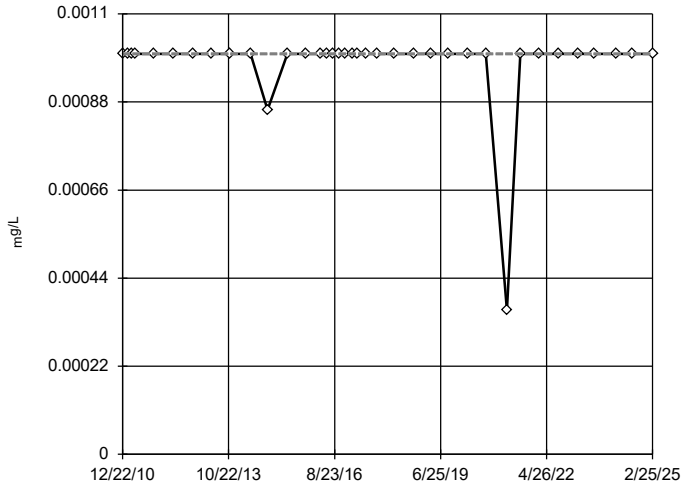
Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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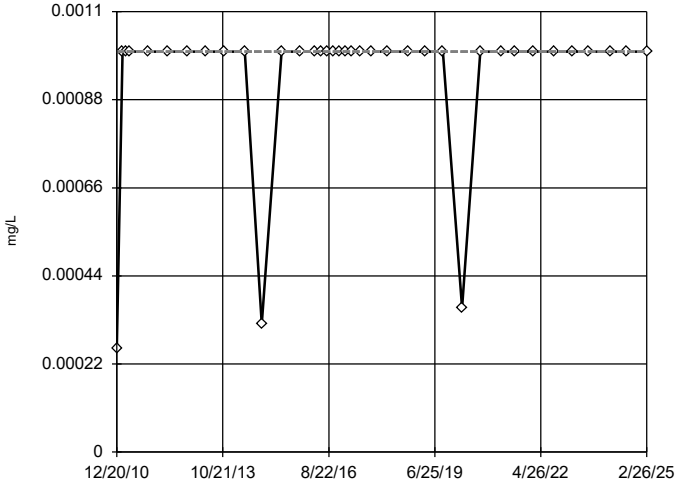
Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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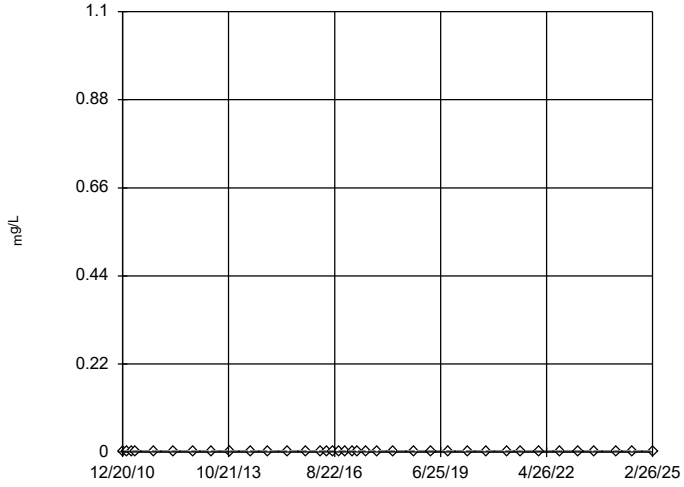
Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

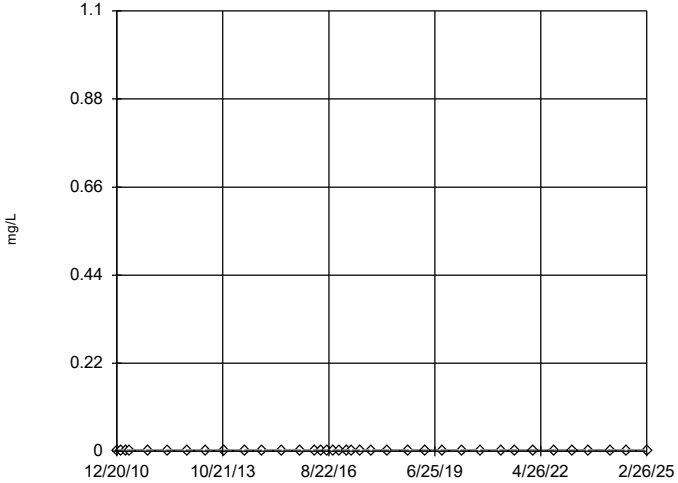
All values are the same.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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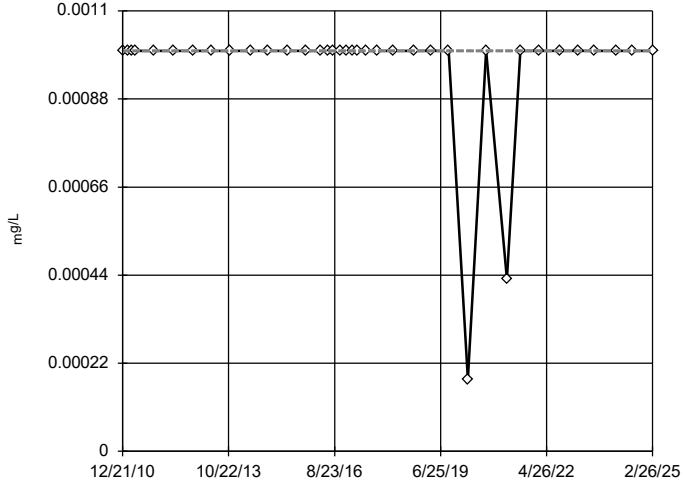
Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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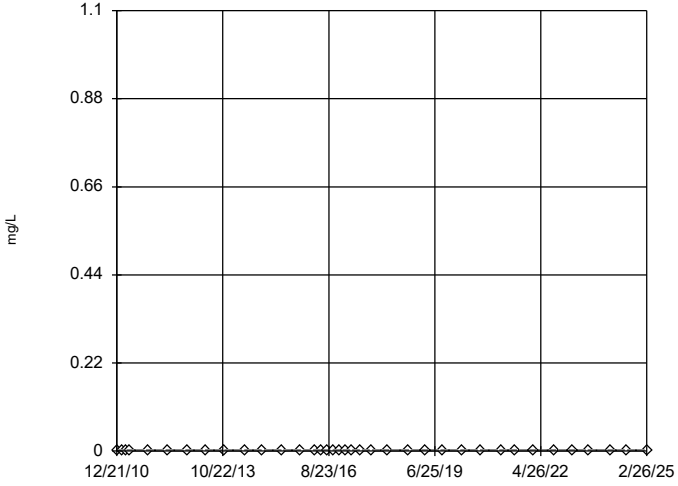
Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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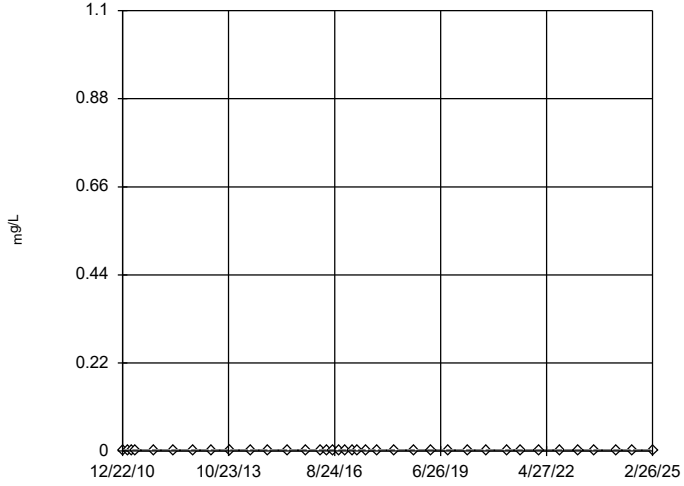
Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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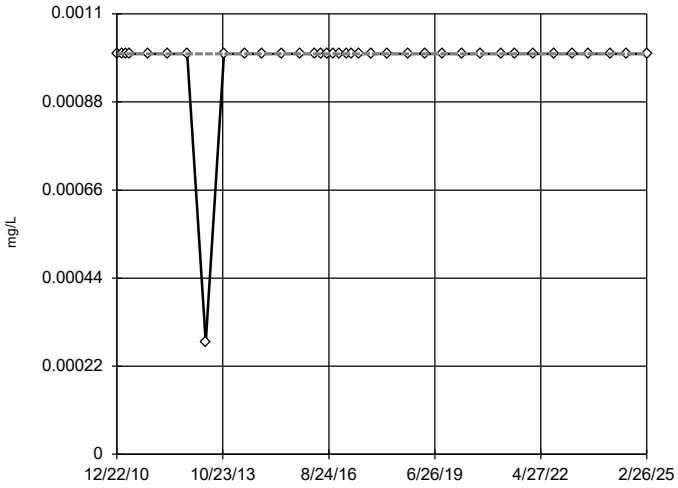
Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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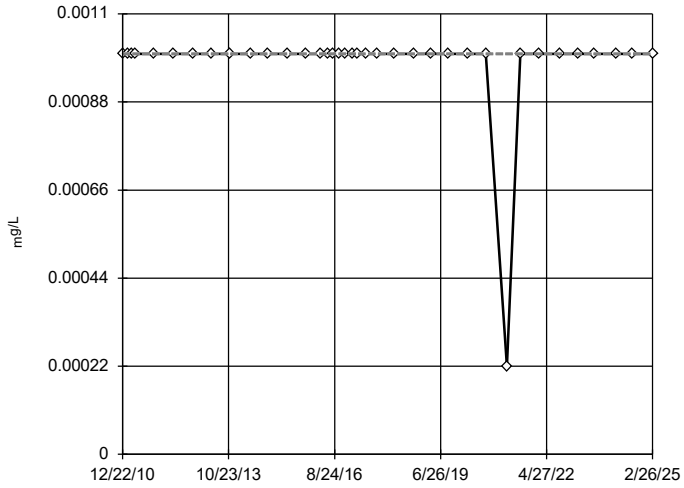
Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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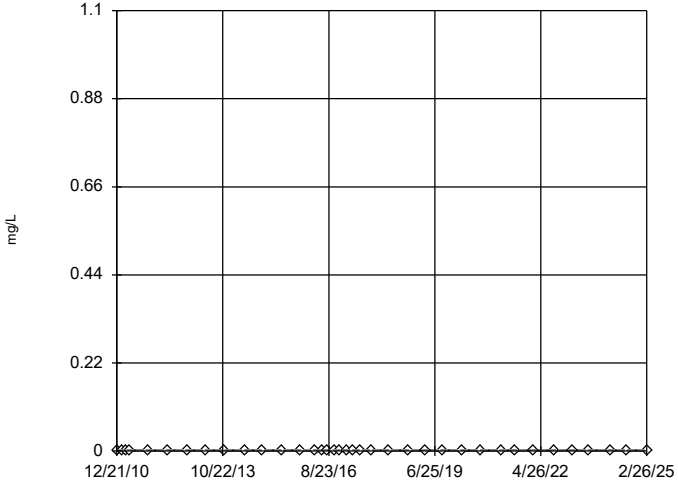
Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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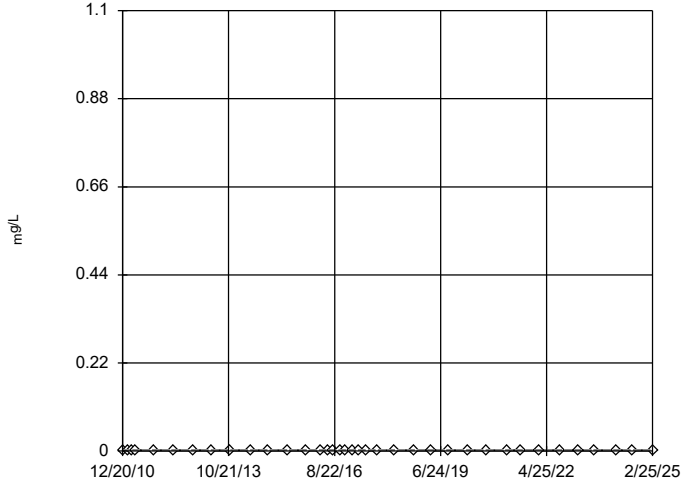
Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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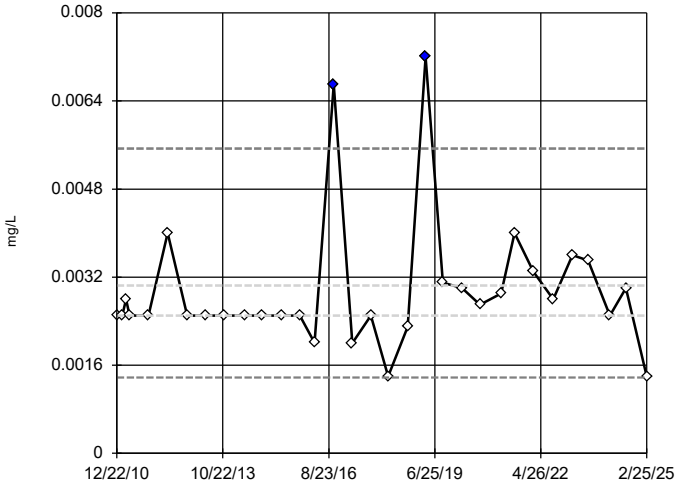
Tukey's Outlier Screening

GWA-21 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.005535, low cutoff = 0.001377, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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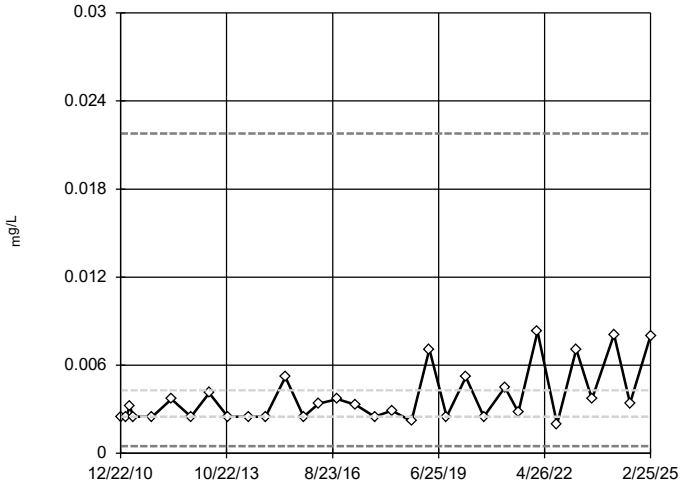
Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02179, low cutoff = 0.0004929, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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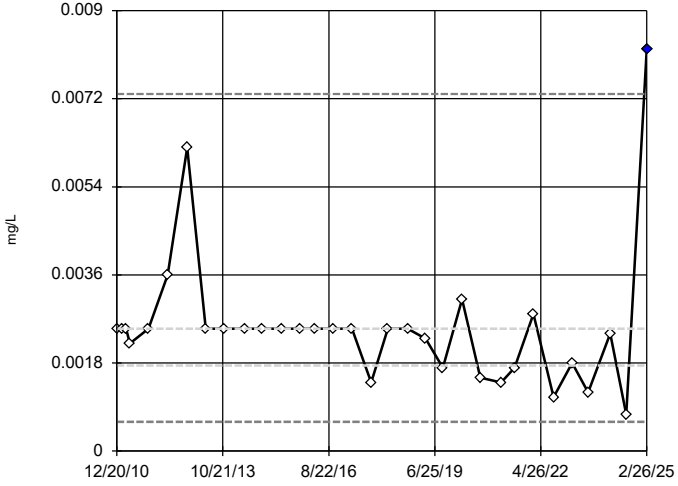
Tukey's Outlier Screening

GWA-45 (bg)



n = 32

Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.007298, low cutoff = 0.0005993, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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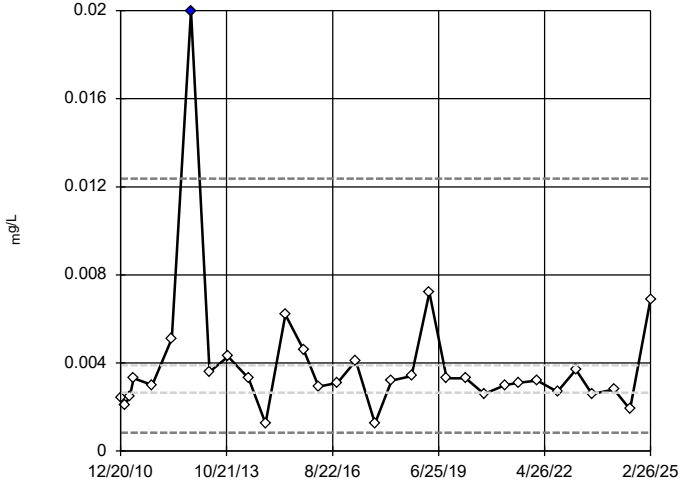
Tukey's Outlier Screening

GWA-46 (bg)



n = 32

Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01237, low cutoff = 0.0008341, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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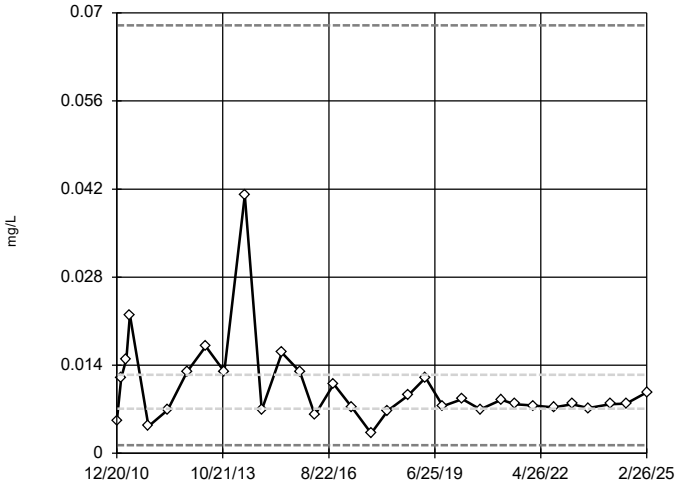
Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06801, low cutoff = 0.001304, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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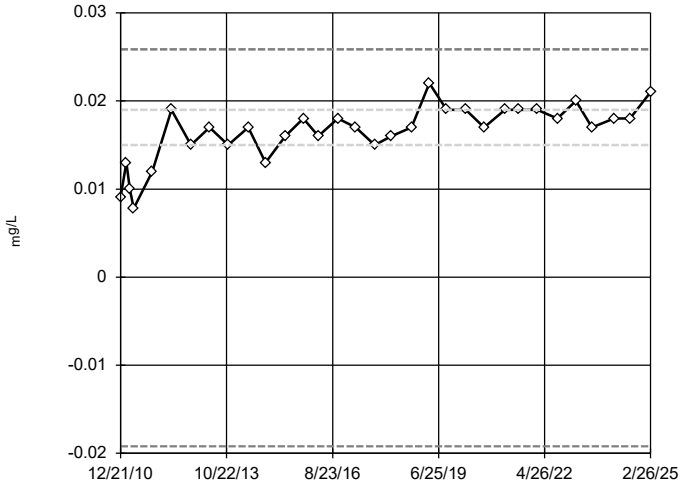
Tukey's Outlier Screening

GWA-48 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02587, low cutoff = -0.0192, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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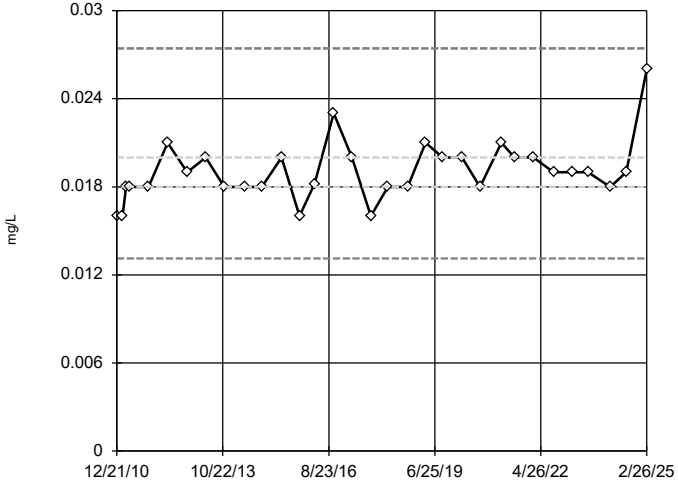
Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02743, low cutoff = 0.01312, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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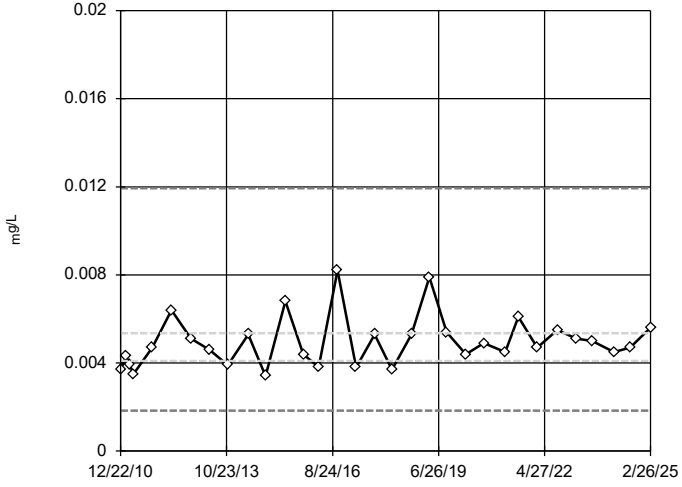
Tukey's Outlier Screening

GWC-29



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

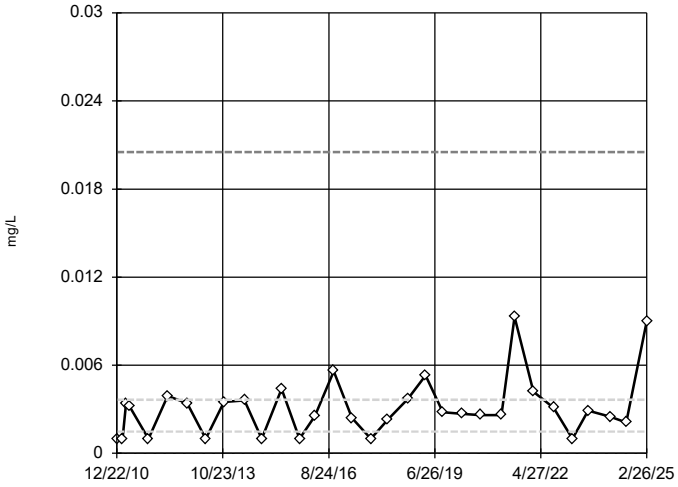
High cutoff = 0.01193, low cutoff = 0.001837, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 32

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02052, low cutoff = -1.9e-7, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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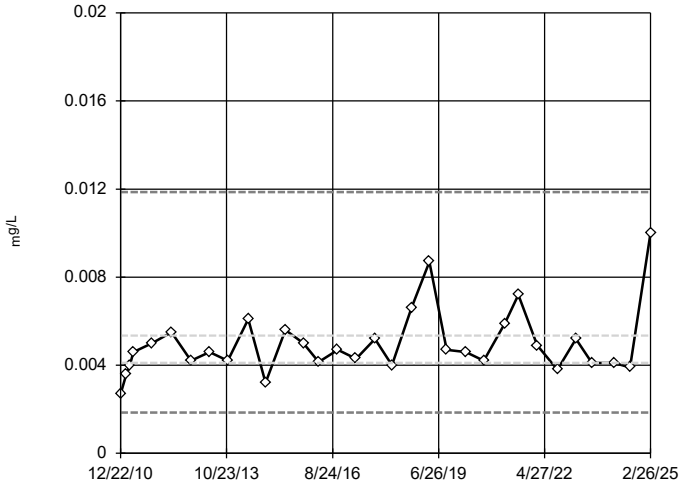
Tukey's Outlier Screening

GWC-51



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01187, low cutoff = 0.001848, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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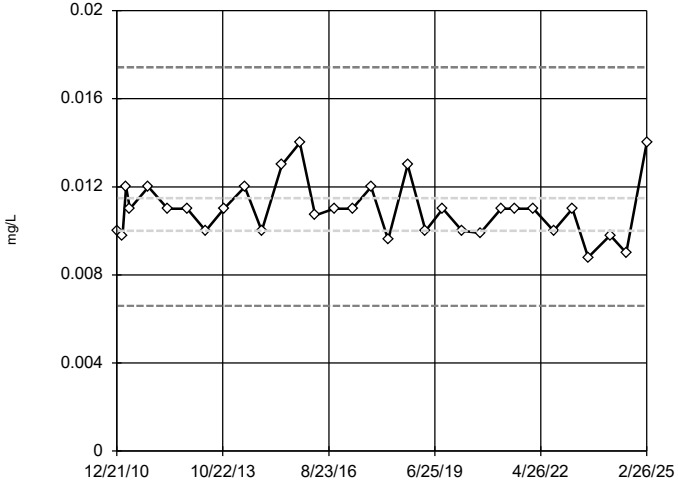
Tukey's Outlier Screening

GWC-52



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01742, low cutoff = 0.006594, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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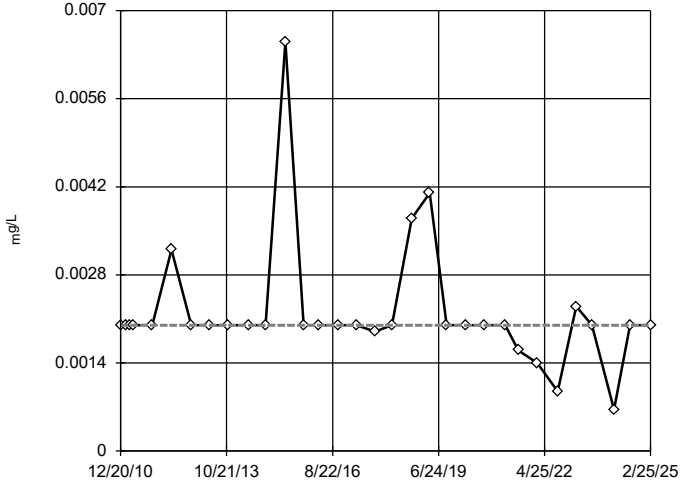
Tukey's Outlier Screening

GWC-53



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

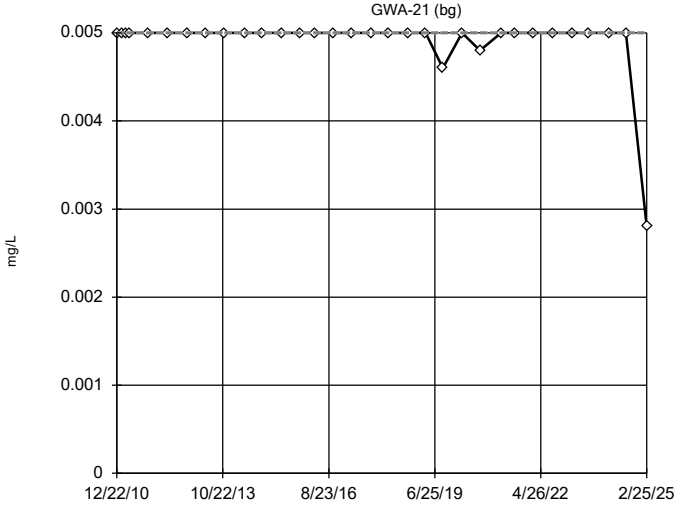
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-21 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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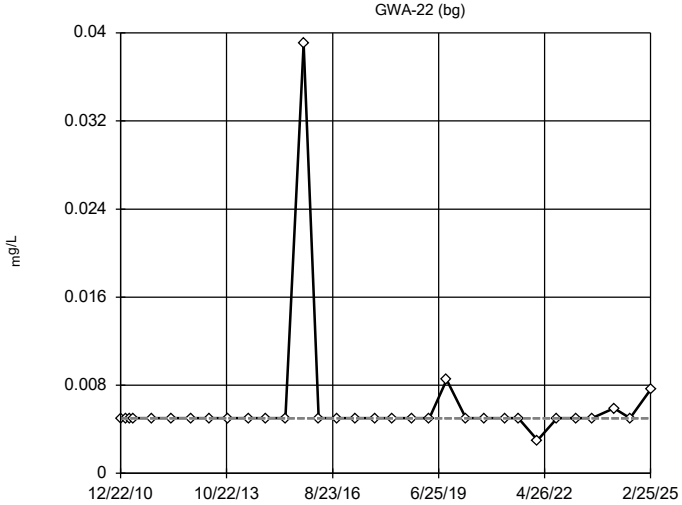
Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

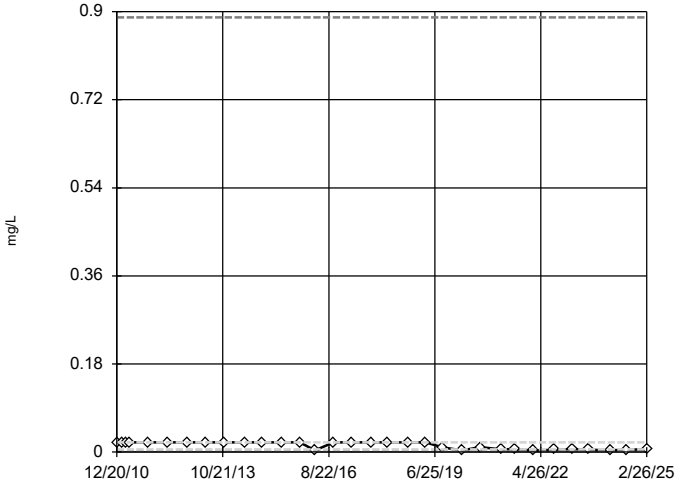
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-45 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.888, low cutoff = 0.0001272, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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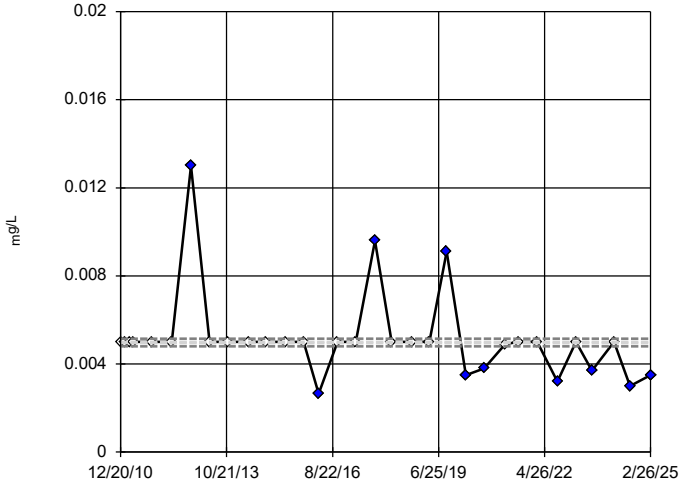
Tukey's Outlier Screening

GWA-46 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.005154, low cutoff = 0.004802, based on IQR multiplier of 3.

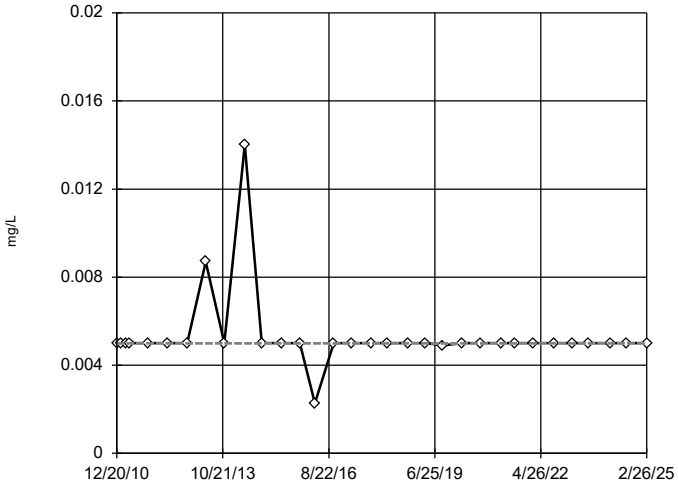
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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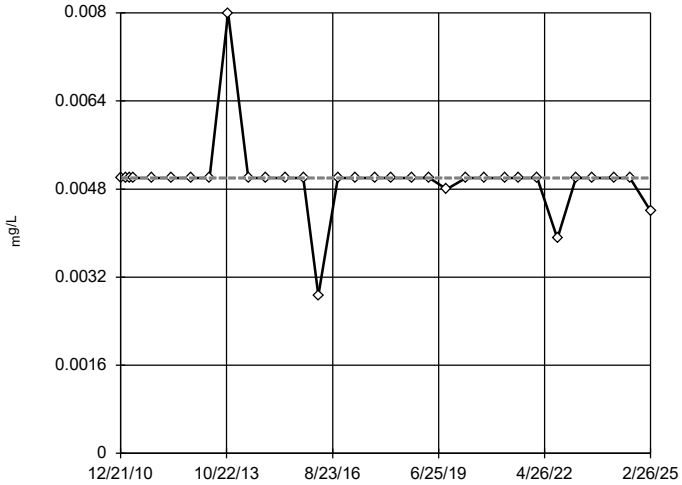
Tukey's Outlier Screening

GWA-48 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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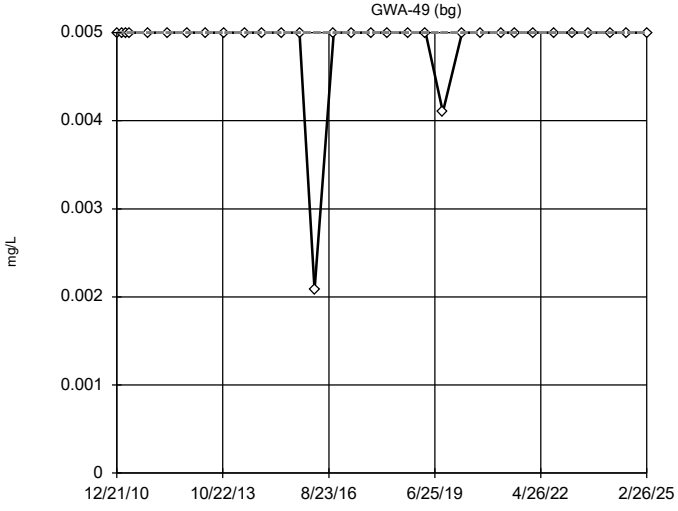
Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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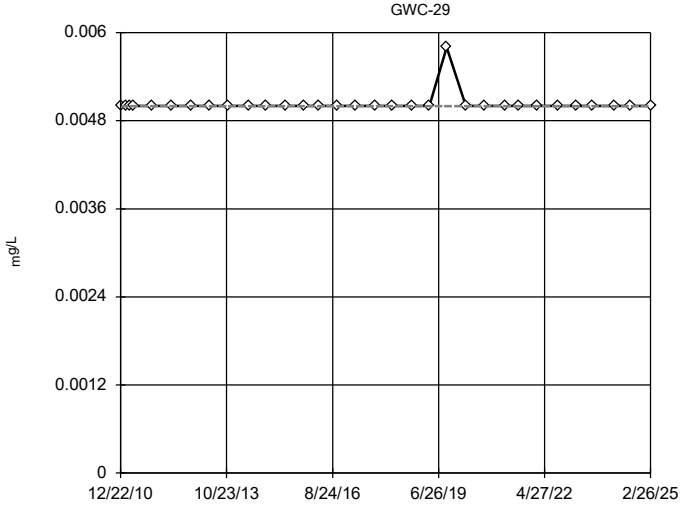
Tukey's Outlier Screening

GWC-29



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

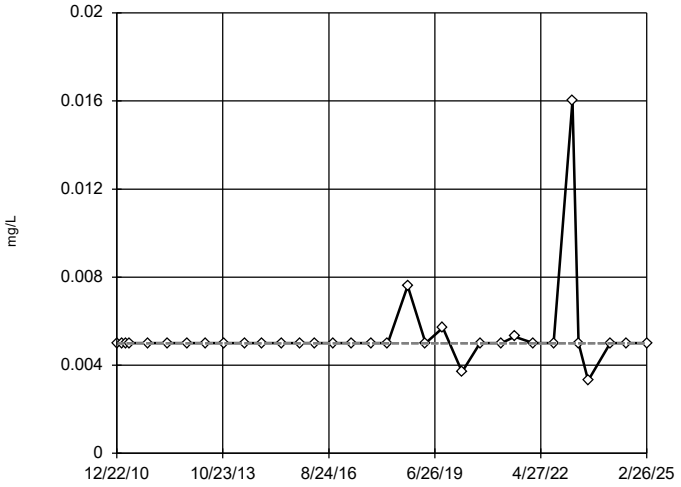
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 33

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

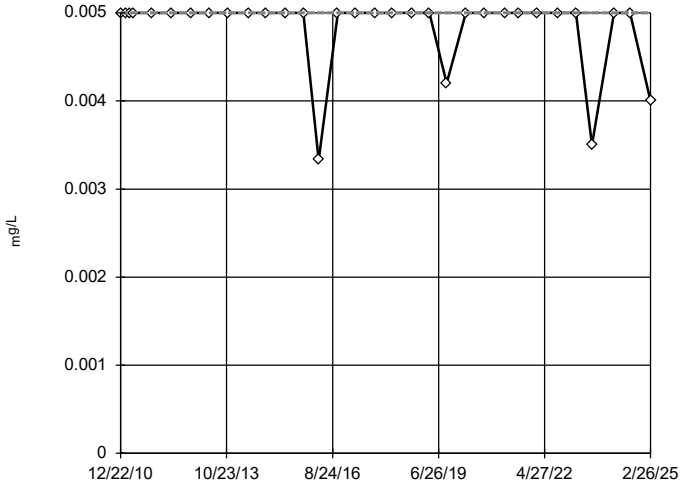
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-51



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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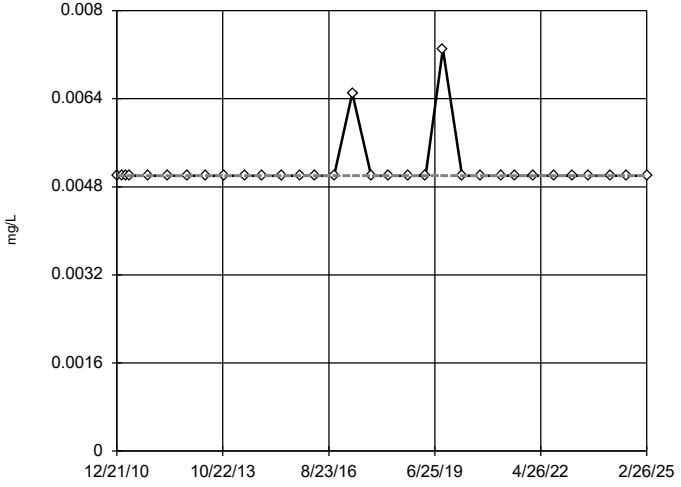
Tukey's Outlier Screening

GWC-52



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

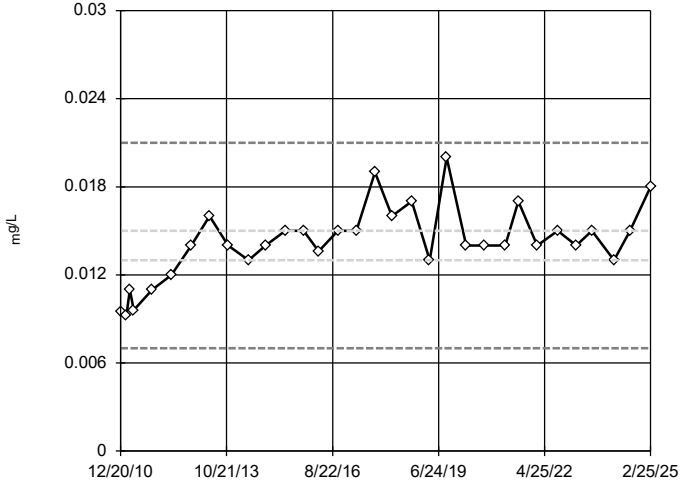
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-53



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.021, low cutoff = 0.007, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

FIGURE D.

Welch's t-test/Mann-Whitney - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Arsenic (mg/L)	**GWA-22 (bg)**	**-2.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-46 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-47 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWC-52**	**-3.256**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-29**	**2.651**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-52**	**3.144**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-45 (bg)**	**-2.966**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-47 (bg)**	**3.097**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-29**	**3.048**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-51**	**2.933**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-52**	**3.054**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-22 (bg)**	**-2.695**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-45 (bg)**	**2.726**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-46 (bg)**	**2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-51**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-53**	**3.395**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-22 (bg)**	**2.72**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-45 (bg)**	**-2.637**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-51**	**2.696**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-52**	**4.821**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-29**	**-2.735**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-50**	**3.341**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	**GWC-29**	**2.763**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-29**	**-2.904**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-51**	**2.885**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-52**	**4.033**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-53**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-52**	**3.175**	**Yes**	**0.01**	**Yes**	**Mann-W**

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-21 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-46 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-47 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-48 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWA-22 (bg)**	**-2.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-45 (bg)	-0.2625	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWA-46 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-47 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-48 (bg)	-1.775	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-49 (bg)	2.155	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-29	1.648	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-50	2.155	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWC-52**	**-3.256**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWC-53	1.155	No	0.01	No	Mann-W
Barium (mg/L)	GWA-21 (bg)	-1.85	No	0.01	No	Mann-W
Barium (mg/L)	GWA-22 (bg)	-2.361	No	0.01	No	Mann-W
Barium (mg/L)	GWA-45 (bg)	2.138	No	0.01	No	Mann-W
Barium (mg/L)	GWA-46 (bg)	2.256	No	0.01	No	Mann-W
Barium (mg/L)	GWA-47 (bg)	0.8851	No	0.01	No	Mann-W
Barium (mg/L)	GWA-48 (bg)	0.4886	No	0.01	No	Mann-W
Barium (mg/L)	GWA-49 (bg)	0.1281	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-29**	**2.651**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-50	2.541	No	0.01	No	Mann-W
Barium (mg/L)	GWC-51	1.912	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-52**	**3.144**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-53	-2.489	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-22 (bg)	0.2652	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Boron (mg/L)	GWA-21 (bg)	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWA-22 (bg)	0.2078	No	0.01	No	Mann-W
Boron (mg/L)	GWA-45 (bg)	1.577	No	0.01	No	Mann-W
Boron (mg/L)	GWA-46 (bg)	-1.385	No	0.01	No	Mann-W
Boron (mg/L)	GWA-47 (bg)	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWA-48 (bg)	0.3068	No	0.01	No	Mann-W
Boron (mg/L)	GWA-49 (bg)	-2.294	No	0.01	No	Mann-W
Boron (mg/L)	GWC-29	-2.286	No	0.01	No	Mann-W
Boron (mg/L)	GWC-51	0.2078	No	0.01	No	Mann-W
Boron (mg/L)	GWC-52	-2.287	No	0.01	No	Mann-W
Boron (mg/L)	GWC-53	0.6606	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-47 (bg)	0.2652	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-50	0.2652	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-52	0.2652	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-21 (bg)	-2.557	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-22 (bg)	2.439	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-45 (bg)**	**-2.966**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-46 (bg)	2.357	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-47 (bg)**	**3.097**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-48 (bg)	0.7817	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-49 (bg)	1.644	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-29**	**3.048**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-50	2.305	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-51**	**2.933**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-52**	**3.054**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-53	1.732	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-21 (bg)	0	No	0.01	No	Mann-W
Chloride (mg/L)	**GWA-22 (bg)**	**-2.695**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-45 (bg)**	**2.726**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-46 (bg)**	**2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWA-47 (bg)	2.099	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-48 (bg)	0.4402	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-49 (bg)	-1.17	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-29	-0.1714	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-50	-2.338	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-51**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-52	-0.8994	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-53**	**3.395**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-21 (bg)	-0.5543	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Chromium (mg/L)	**GWA-22 (bg)**	**2.72**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-45 (bg)**	**-2.637**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-46 (bg)	1.614	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-47 (bg)	1.209	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-48 (bg)	0.3024	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-49 (bg)	0.126	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-29	-1.387	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-50	-1.815	No	0.01	No	Mann-W
Chromium (mg/L)	**GWC-51**	**2.696**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-52**	**4.821**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWC-53	0.0258	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-21 (bg)	0.6147	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-22 (bg)	1.181	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-45 (bg)	-2.49	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-46 (bg)	0.5775	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-47 (bg)	0.4771	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-48 (bg)	0.5872	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-49 (bg)	0.7952	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-29	0.2652	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-50	2.155	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-51	0.6918	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-52	0.2652	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-53	-0.02524	No	0.01	No	Mann-W
Copper (mg/L)	GWA-21 (bg)	-0.07052	No	0.01	No	Mann-W
Copper (mg/L)	GWA-22 (bg)	1.347	No	0.01	No	Mann-W
Copper (mg/L)	GWA-45 (bg)	1.046	No	0.01	No	Mann-W
Copper (mg/L)	GWA-47 (bg)	-1.467	No	0.01	No	Mann-W
Copper (mg/L)	GWA-48 (bg)	-0.7415	No	0.01	No	Mann-W
Copper (mg/L)	GWA-49 (bg)	-1.608	No	0.01	No	Mann-W
Copper (mg/L)	GWC-50	-0.07052	No	0.01	No	Mann-W
Copper (mg/L)	GWC-51	-1.608	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-21 (bg)	0.2628	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-22 (bg)	0.2627	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-45 (bg)	0.2625	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-46 (bg)	0.04981	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-47 (bg)	-0.08962	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-48 (bg)	0.3867	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-49 (bg)	-0.263	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-29	0.04383	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-50	0.2384	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-51	0.7153	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-52	-0.1344	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-53	-0.675	No	0.01	No	Mann-W
Lead (mg/L)	GWA-21 (bg)	-1.907	No	0.01	No	Mann-W
Lead (mg/L)	GWA-22 (bg)	1.662	No	0.01	No	Mann-W
Lead (mg/L)	GWA-45 (bg)	-0.08293	No	0.01	No	Mann-W
Lead (mg/L)	GWA-47 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-48 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-49 (bg)	-2.294	No	0.01	No	Mann-W
Lead (mg/L)	GWC-50	0.5805	No	0.01	No	Mann-W
Lead (mg/L)	GWC-51	0.2078	No	0.01	No	Mann-W
Lead (mg/L)	GWC-53	0.3441	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-21 (bg)	0.7952	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-22 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-45 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-46 (bg)	0.6919	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-47 (bg)	0.7957	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-48 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-49 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-29	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-50	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-51	0.4437	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-52	-1.015	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-53	0.5775	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-21 (bg)	-1.309	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-22 (bg)	-2.51	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-45 (bg)	-1.739	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-46 (bg)	-1.113	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Nickel (mg/L)	GWA-47 (bg)	-1.455	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-48 (bg)	-0.9989	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-49 (bg)	-0.7261	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-29**	**-2.735**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-50**	**3.341**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-51	1.969	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-53	2.039	No	0.01	No	Mann-W
pH, Field (SU)	GWA-21 (bg)	0.04899	No	0.01	No	Mann-W
pH, Field (SU)	GWA-22 (bg)	1.915	No	0.01	No	Mann-W
pH, Field (SU)	GWA-45 (bg)	-1.392	No	0.01	No	Mann-W
pH, Field (SU)	GWA-46 (bg)	1.195	No	0.01	No	Mann-W
pH, Field (SU)	GWA-47 (bg)	0.9232	No	0.01	No	Mann-W
pH, Field (SU)	GWA-48 (bg)	1.025	No	0.01	No	Mann-W
pH, Field (SU)	GWA-49 (bg)	1.422	No	0.01	No	Mann-W
pH, Field (SU)	**GWC-29**	**2.763**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	GWC-50	-0.1466	No	0.01	No	Mann-W
pH, Field (SU)	GWC-51	0.8183	No	0.01	No	Mann-W
pH, Field (SU)	GWC-52	-0.039	No	0.01	No	Mann-W
pH, Field (SU)	GWC-53	1.53	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-22 (bg)	0.5775	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-45 (bg)	-0.6506	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-47 (bg)	0.2694	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-48 (bg)	0.5872	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-49 (bg)	0.6918	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-29	0.4437	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-50	0.4437	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-52	-0.4342	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-53	0.5775	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-21 (bg)	1.91	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-22 (bg)	1.657	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-45 (bg)	1.442	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-46 (bg)	-0.04478	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-47 (bg)	0.7153	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-48 (bg)	-0.2452	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-49 (bg)	0	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-29**	**-2.904**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-50	0.6411	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-51**	**2.885**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-52**	**4.033**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-53**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWA-21 (bg)	0.1224	No	0.01	No	Mann-W
TDS (mg/L)	GWA-22 (bg)	1.989	No	0.01	No	Mann-W
TDS (mg/L)	GWA-45 (bg)	1.199	No	0.01	No	Mann-W
TDS (mg/L)	GWA-46 (bg)	1.455	No	0.01	No	Mann-W
TDS (mg/L)	GWA-47 (bg)	2.317	No	0.01	No	Mann-W
TDS (mg/L)	GWA-48 (bg)	1.039	No	0.01	No	Mann-W
TDS (mg/L)	GWA-49 (bg)	1.337	No	0.01	No	Mann-W
TDS (mg/L)	GWC-29	1.66	No	0.01	No	Mann-W
TDS (mg/L)	GWC-50	0.2561	No	0.01	No	Mann-W
TDS (mg/L)	GWC-51	1.494	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-52**	**3.175**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-53	1.837	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-21 (bg)	0.5775	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-22 (bg)	0.4437	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-45 (bg)	0.5775	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-48 (bg)	0.4437	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-50	0.2652	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-21 (bg)	1.658	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-22 (bg)	2.159	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-45 (bg)	-2.472	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-46 (bg)	-1.1	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-47 (bg)	-0.397	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-48 (bg)	1.369	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-49 (bg)	-0.0605	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-29	0.2065	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-50	-1.248	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-51	-1.121	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Vanadium (mg/L)	GWC-52	-2.302	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-53	-0.3193	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-21 (bg)	0.4842	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-22 (bg)	1.347	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-45 (bg)	-0.1343	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-46 (bg)	-1.467	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-47 (bg)	0.1757	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-48 (bg)	0.3539	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-49 (bg)	0.4842	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-29	-0.4811	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-50	-1.564	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-51	-1.148	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-52	-0.6225	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-53	0.1196	No	0.01	No	Mann-W

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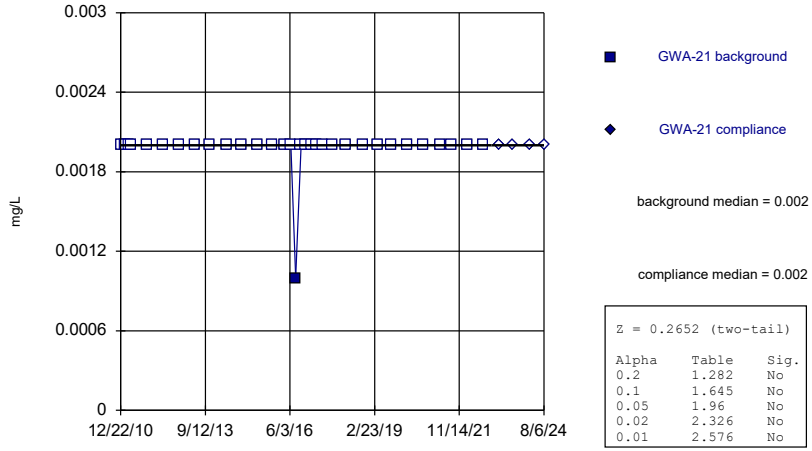
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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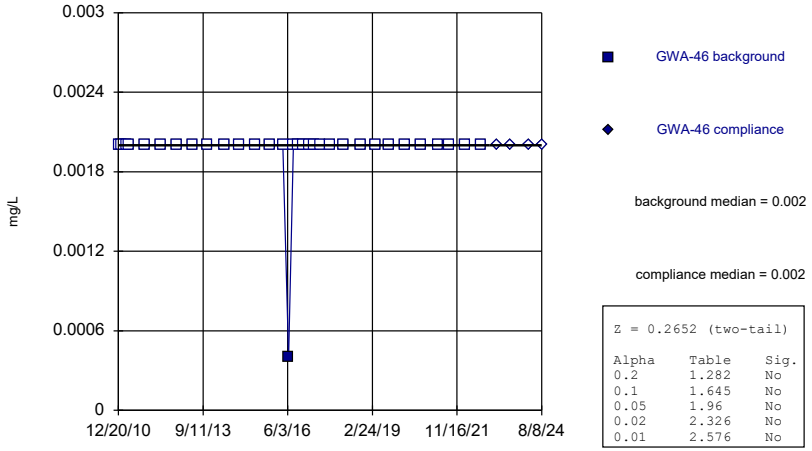
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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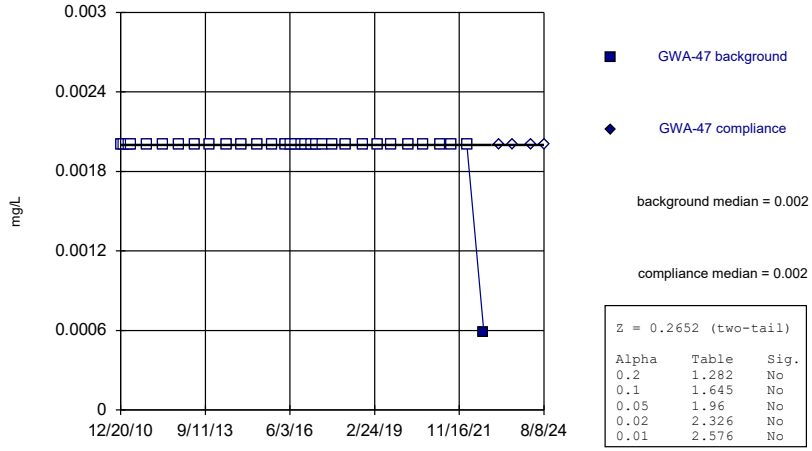
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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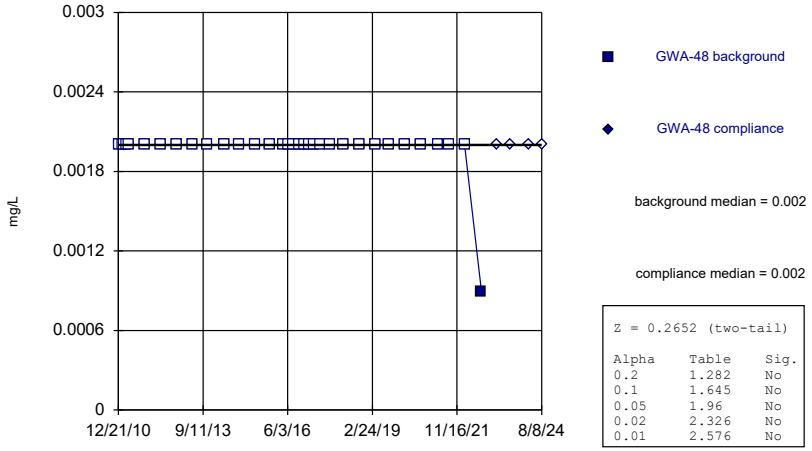
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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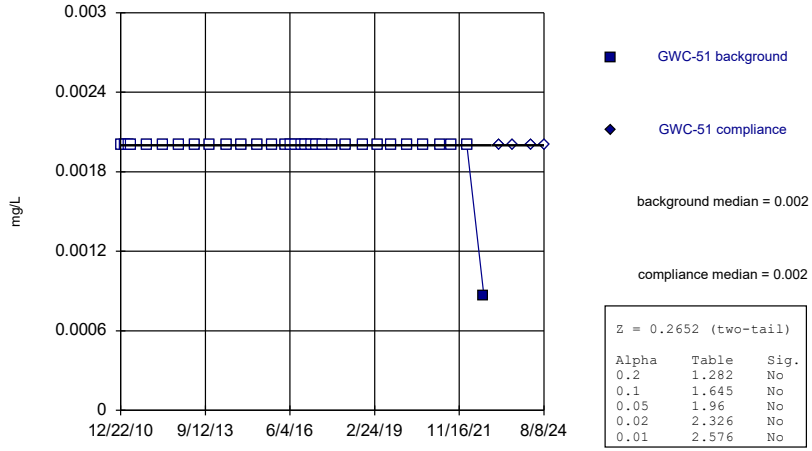
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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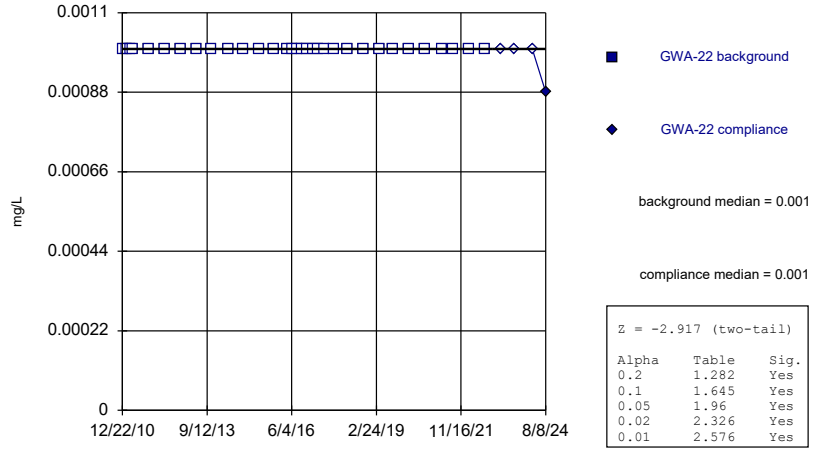
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = -2.917 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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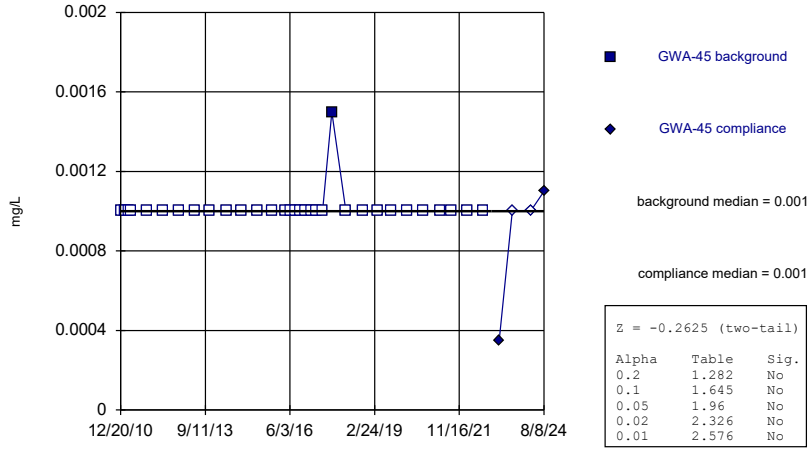
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -0.2625 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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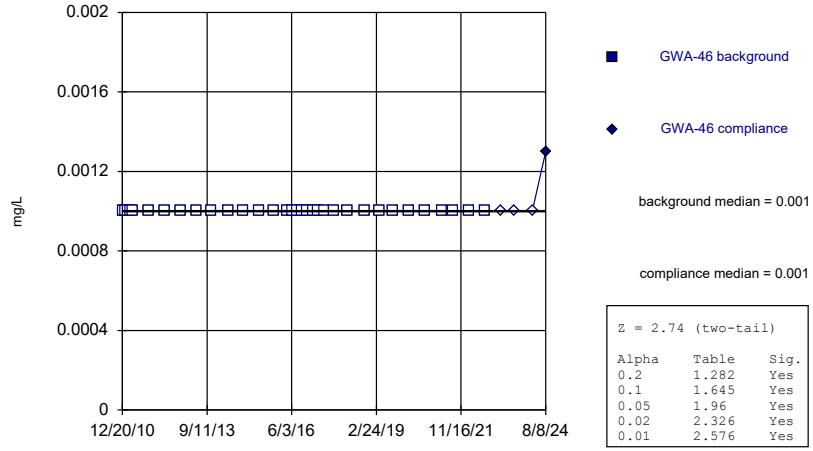
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 2.74 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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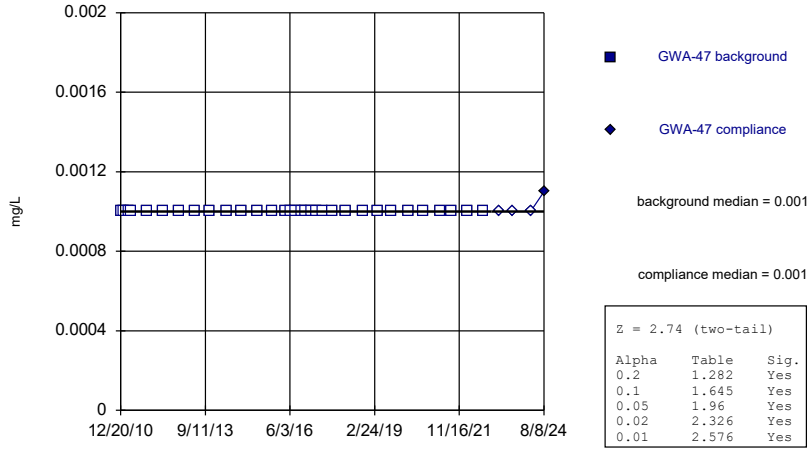
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 2.74 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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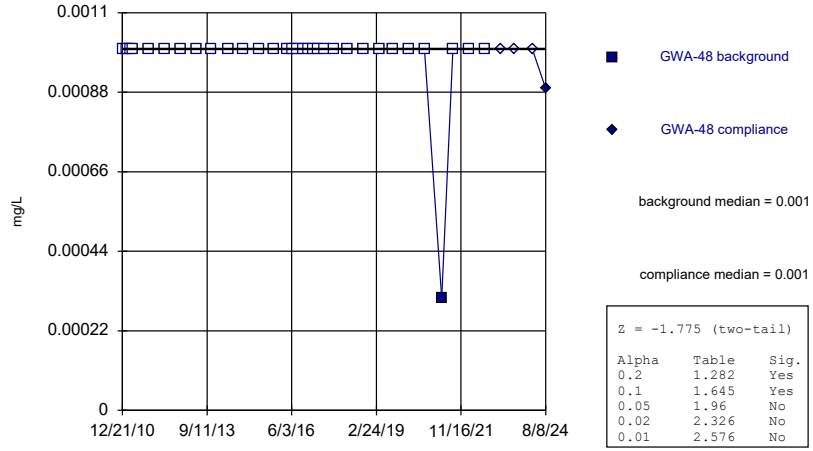
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = -1.775 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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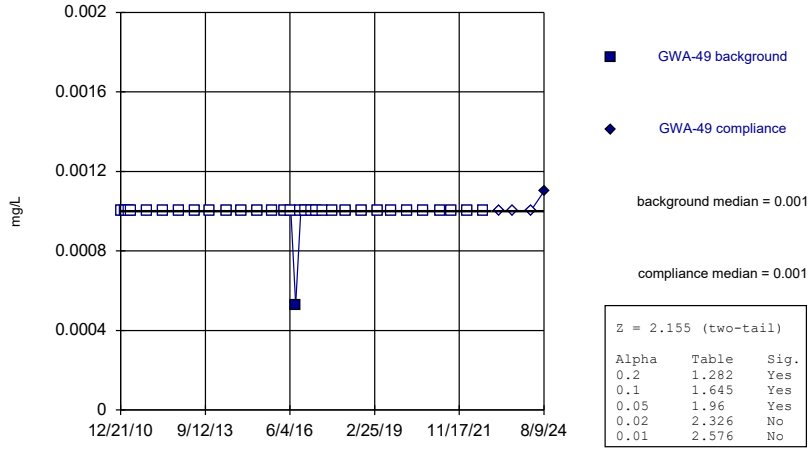
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 2.155 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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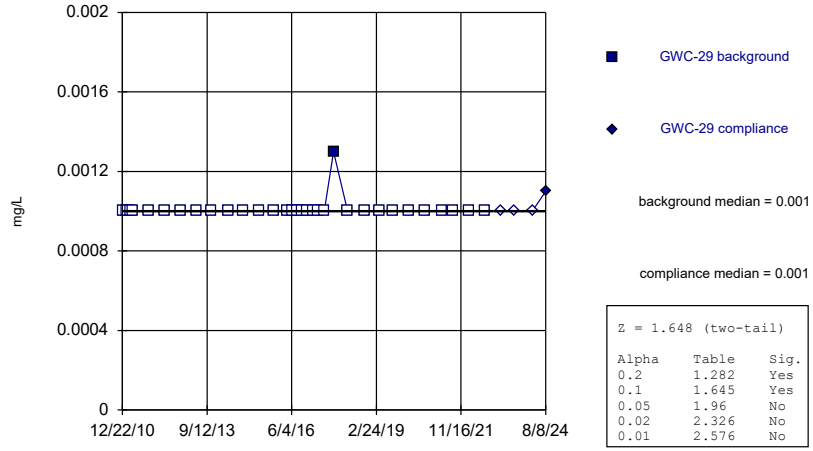
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 1.648 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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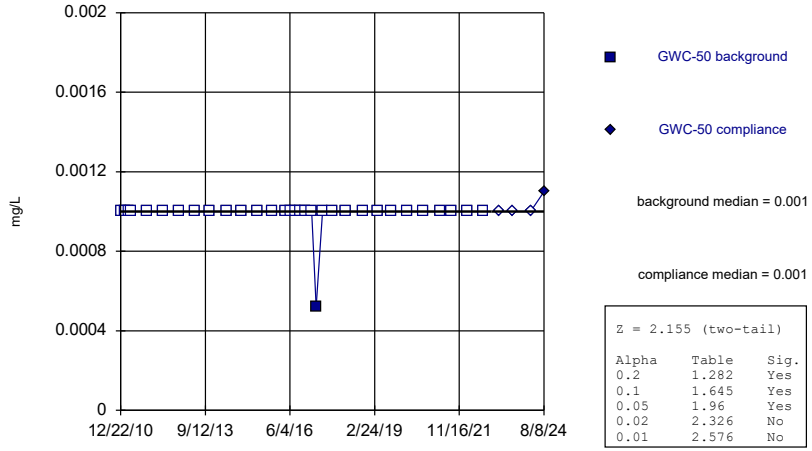
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 2.155 (two-tail)

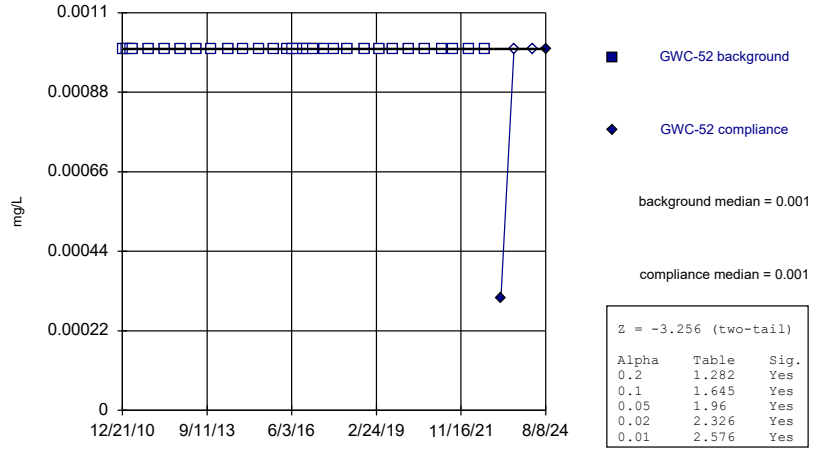
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -3.256 (two-tail)

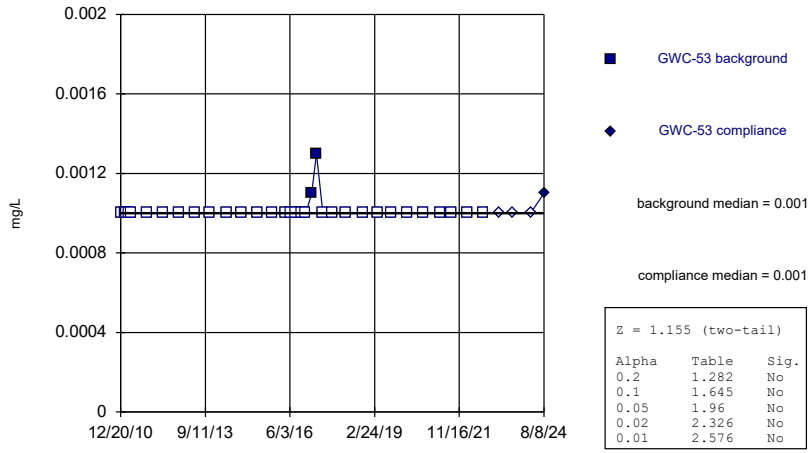
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 1.155 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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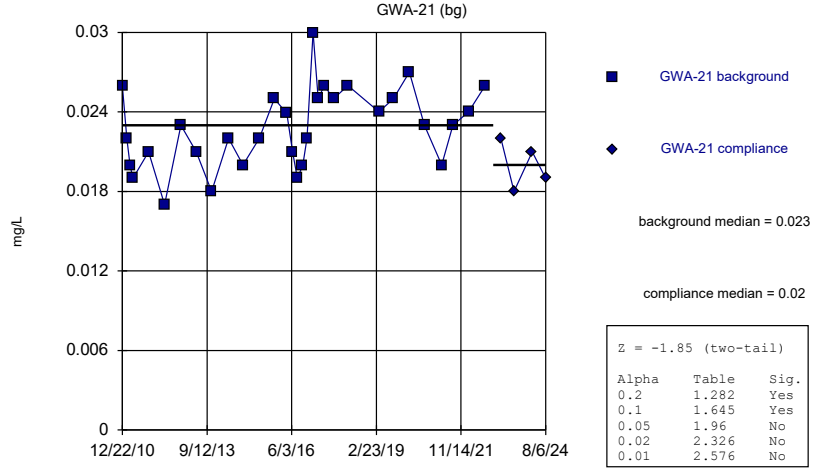
Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = -1.85 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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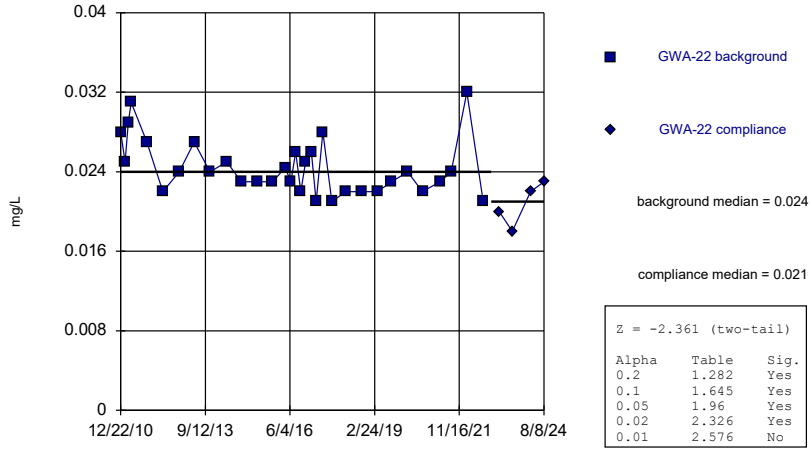
Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = -2.361 (two-tail)

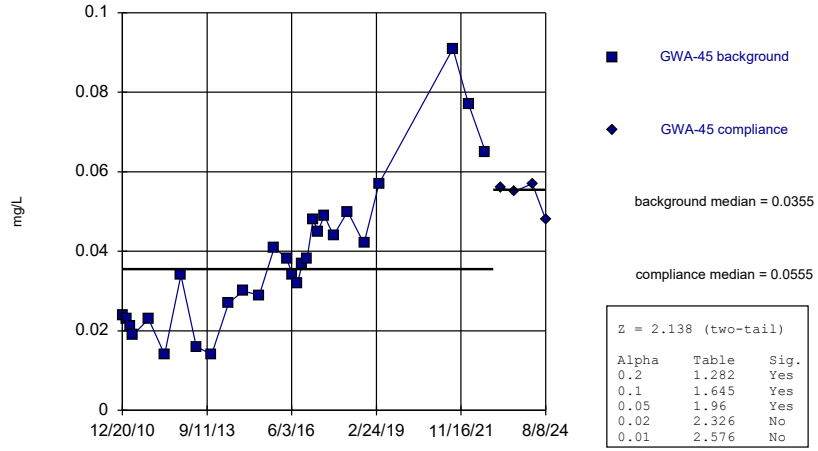
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 2.138 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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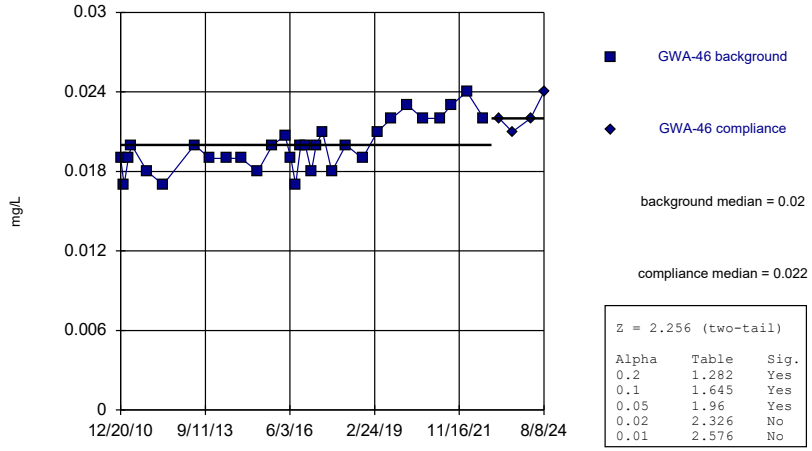
Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 2.256 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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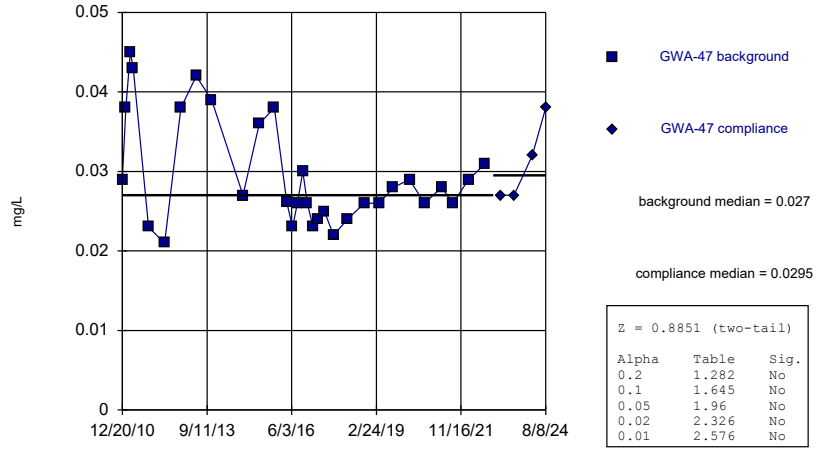
Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.8851 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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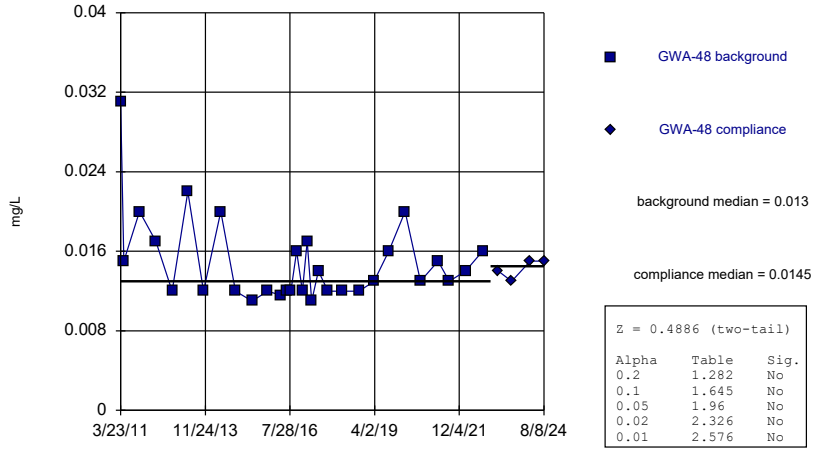
Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.4886 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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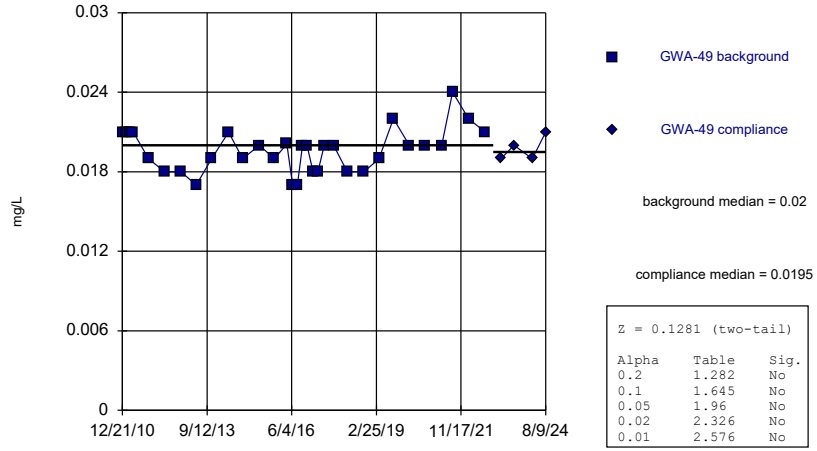
Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0.1281 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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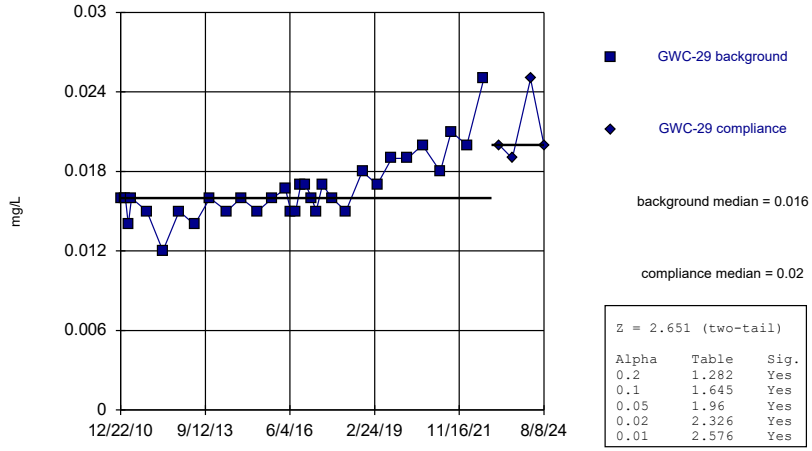
Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 2.651 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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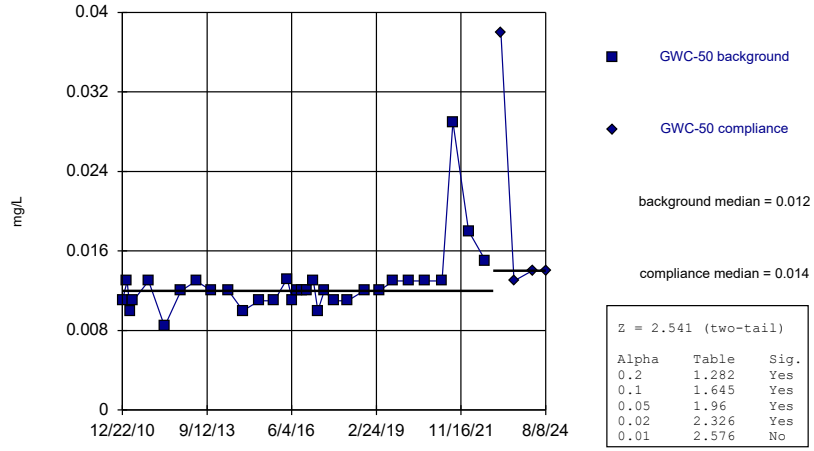
Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 2.541 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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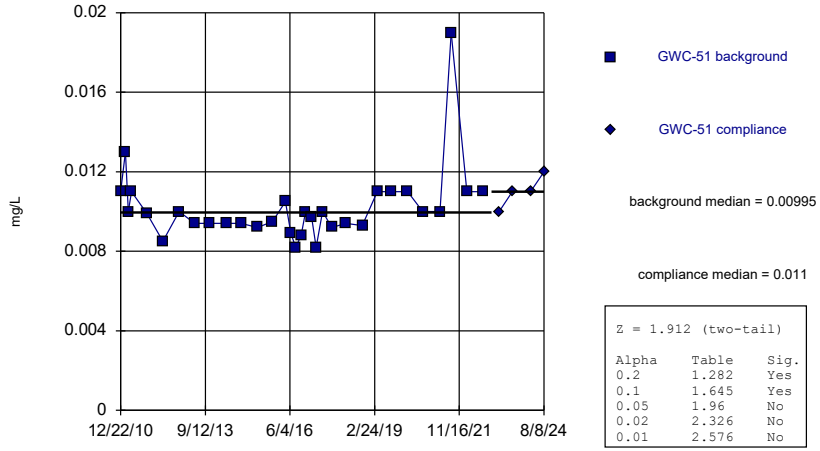
Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 1.912 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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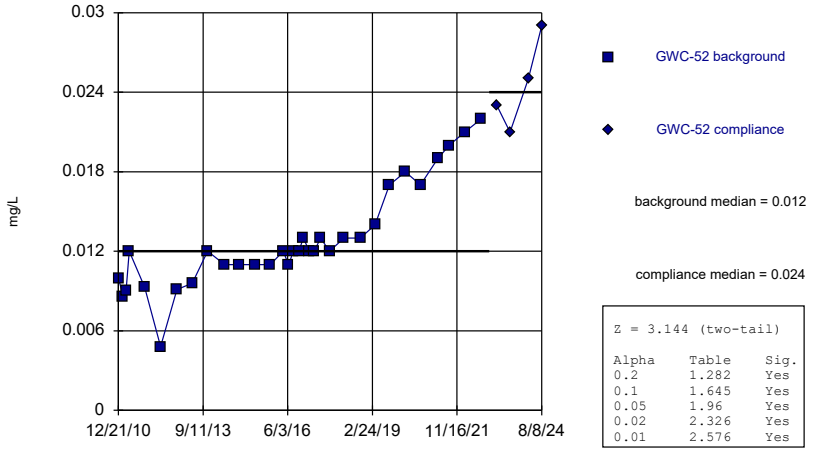
Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 3.144 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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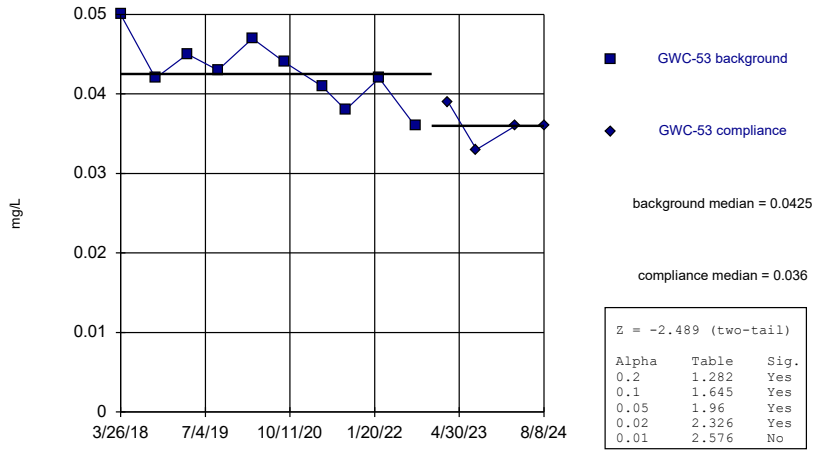
Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = -2.489 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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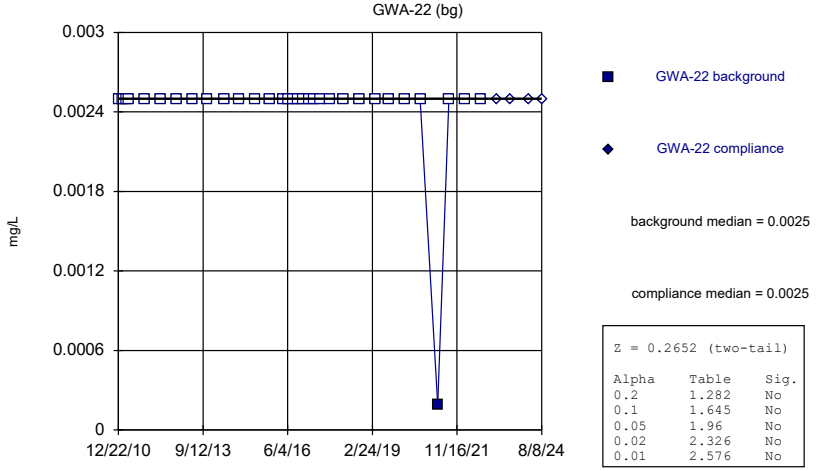
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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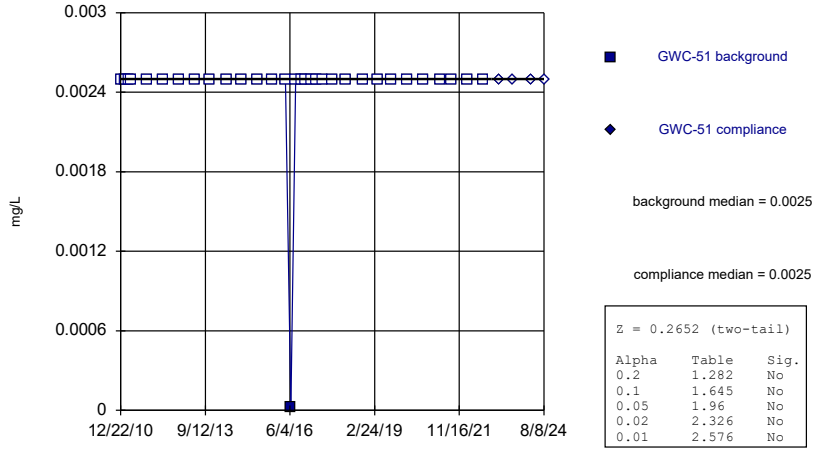
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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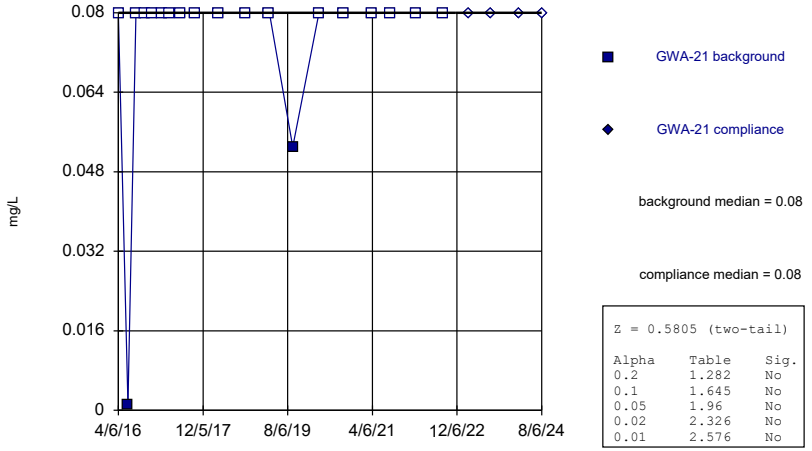
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.5805 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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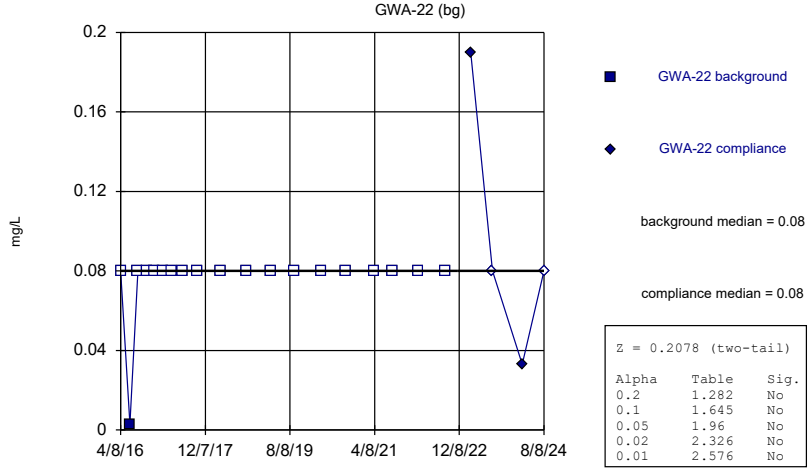
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.2078 (two-tail)

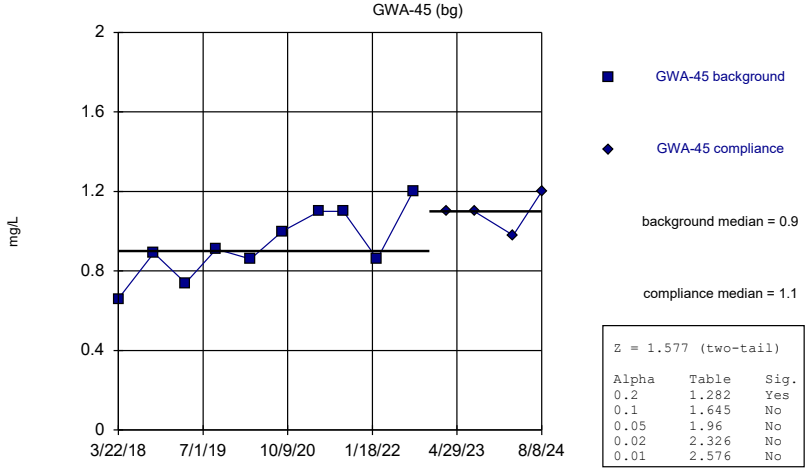
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 1.577 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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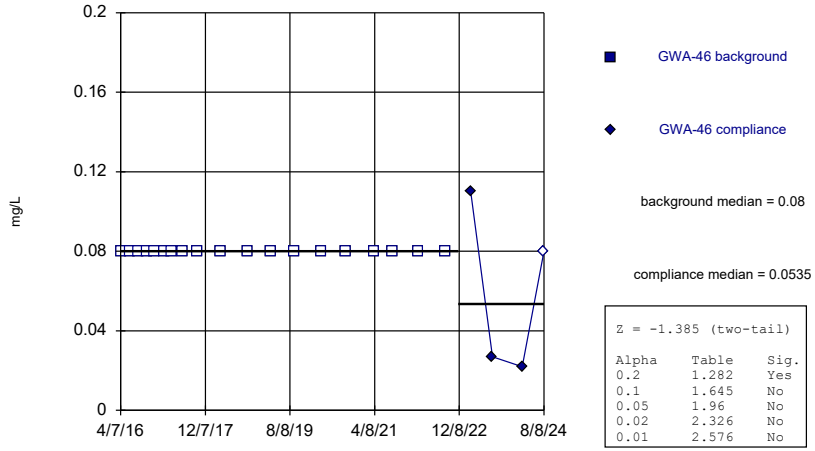
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



background median = 0.08

compliance median = 0.0535

Z = -1.385 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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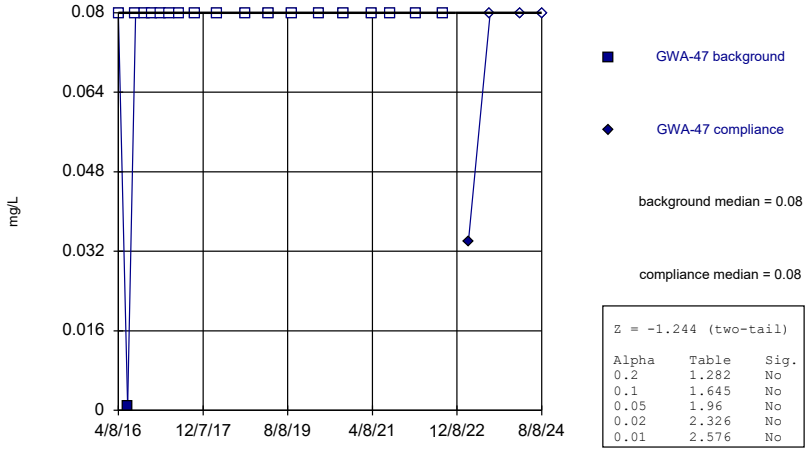
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



background median = 0.08

compliance median = 0.08

Z = -1.244 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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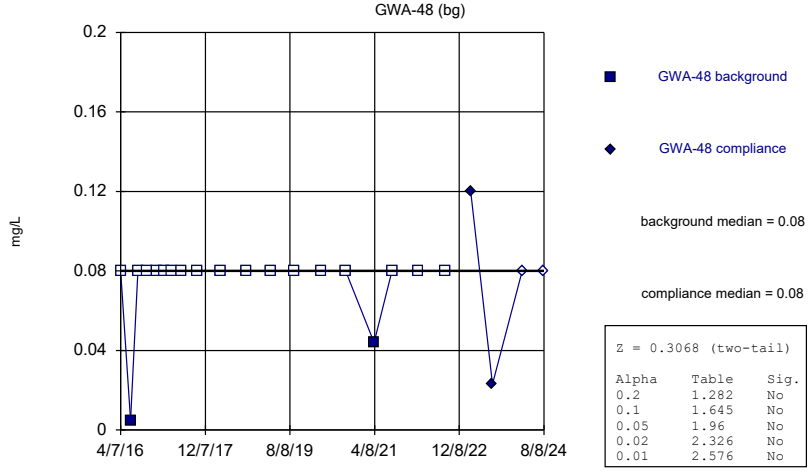
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



background median = 0.08

compliance median = 0.08

Z = 0.3068 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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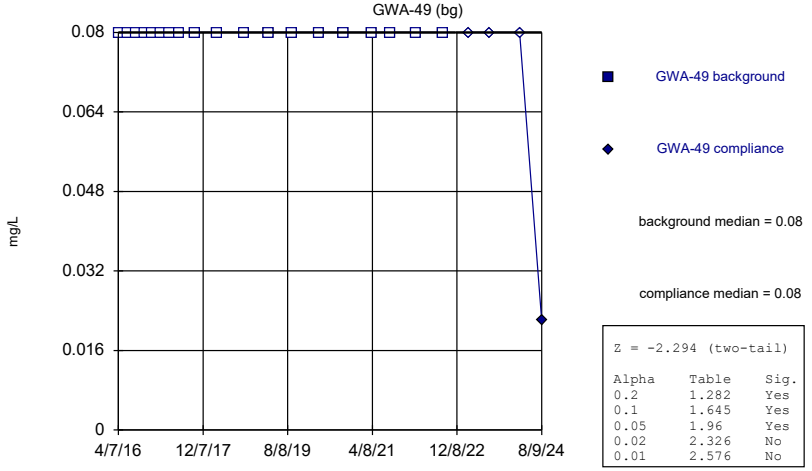
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



background median = 0.08

compliance median = 0.08

Z = -2.294 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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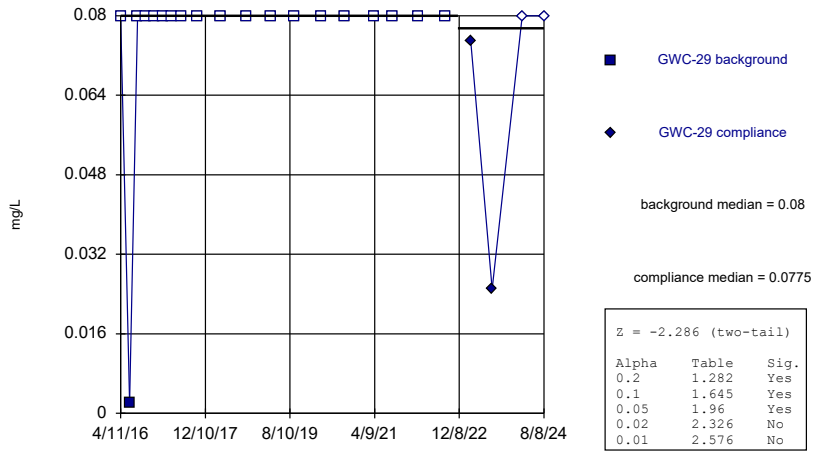
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = -2.286 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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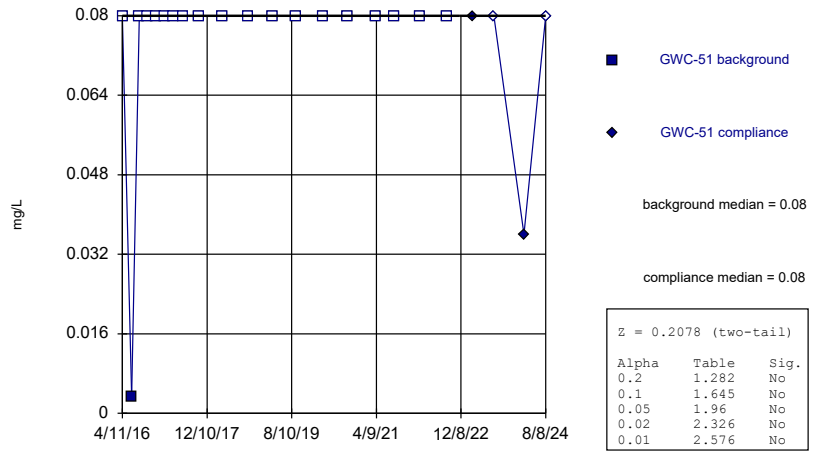
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2078 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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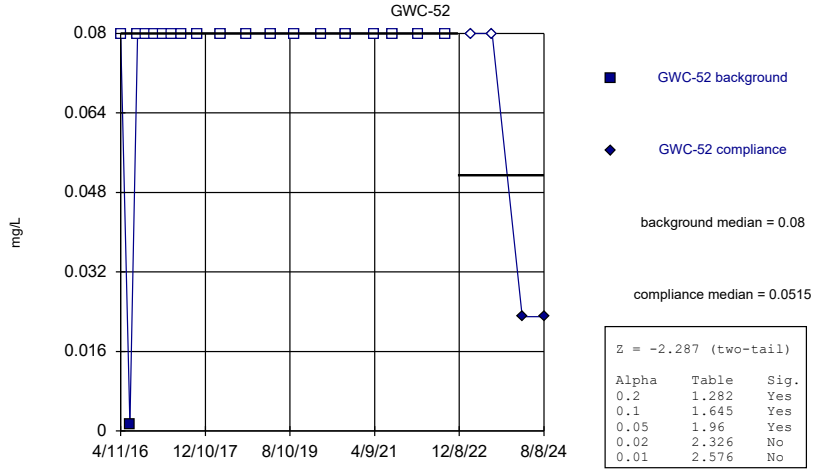
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -2.287 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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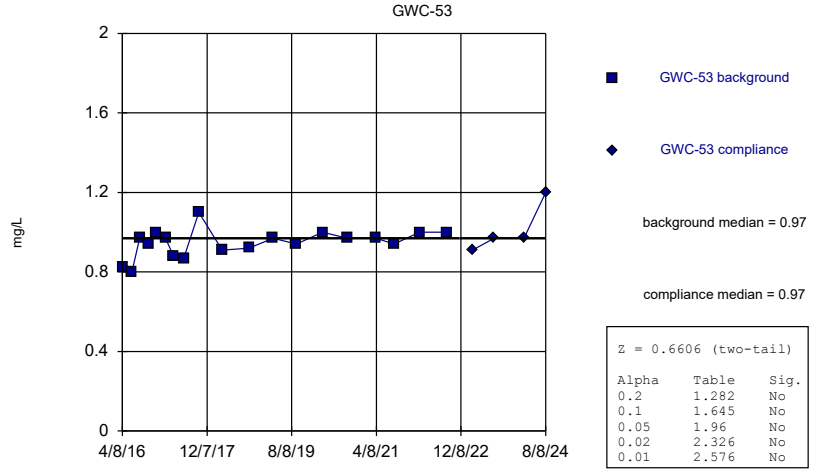
Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 0.6606 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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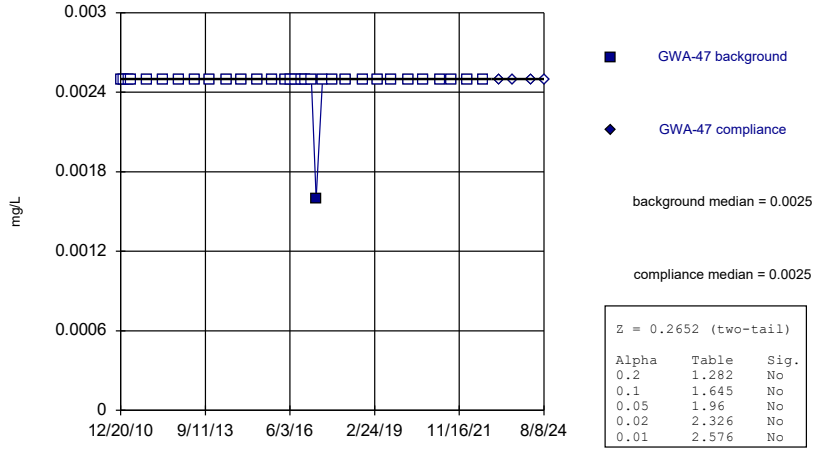
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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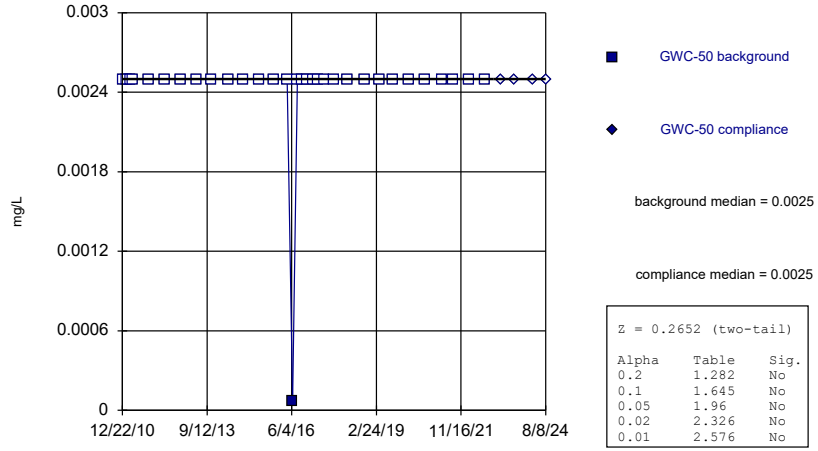
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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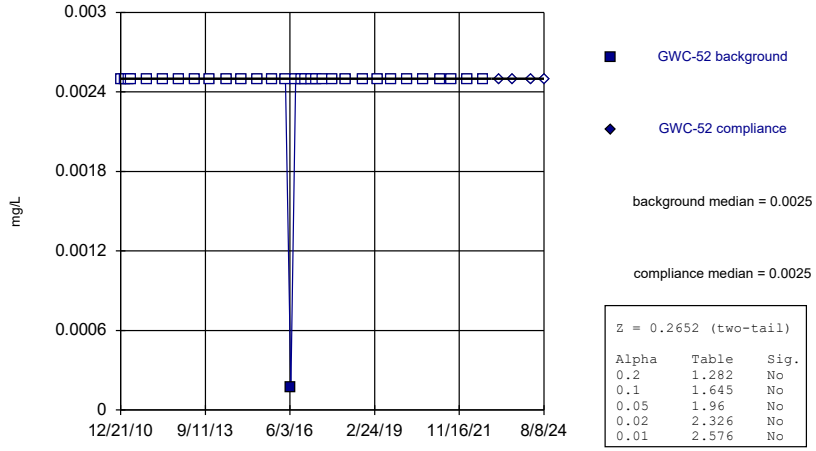
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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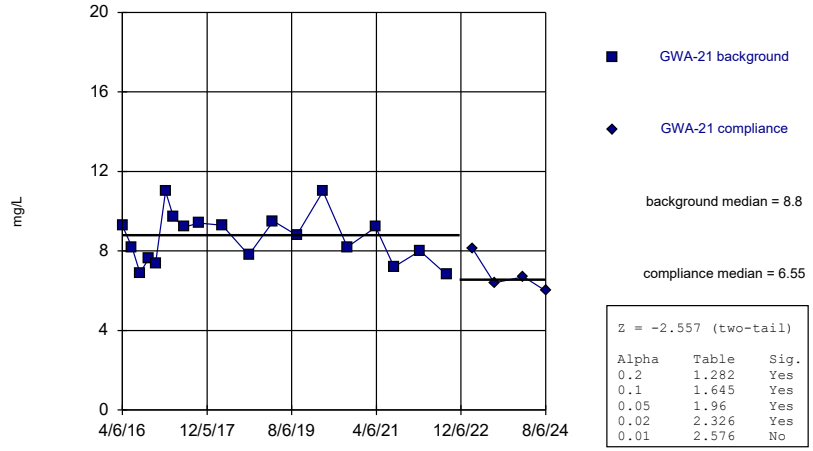
Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = -2.557 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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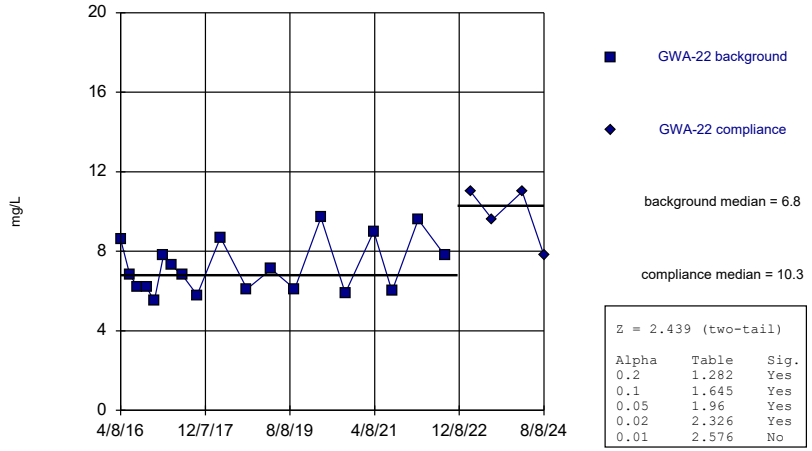
Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 2.439 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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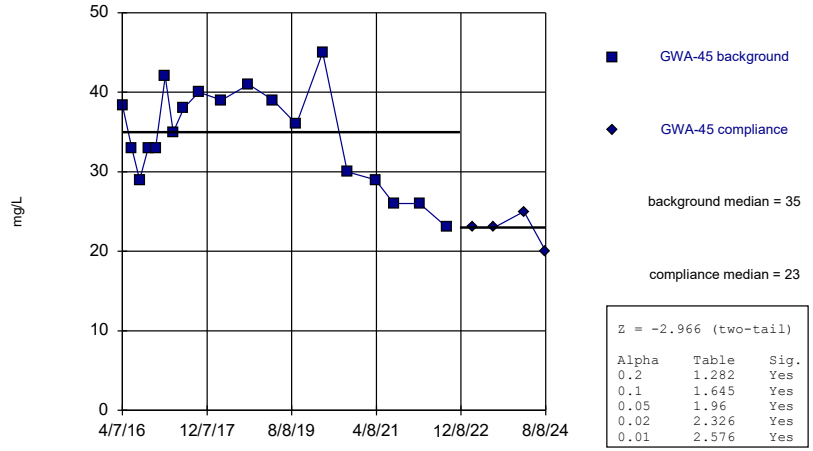
Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -2.966 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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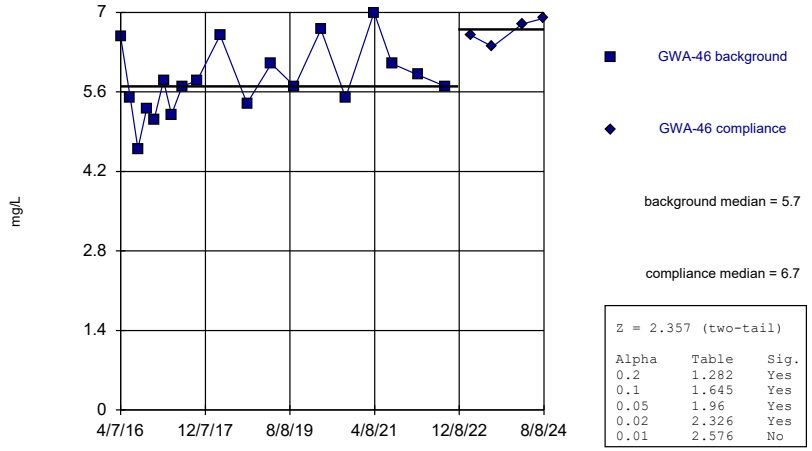
Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 2.357 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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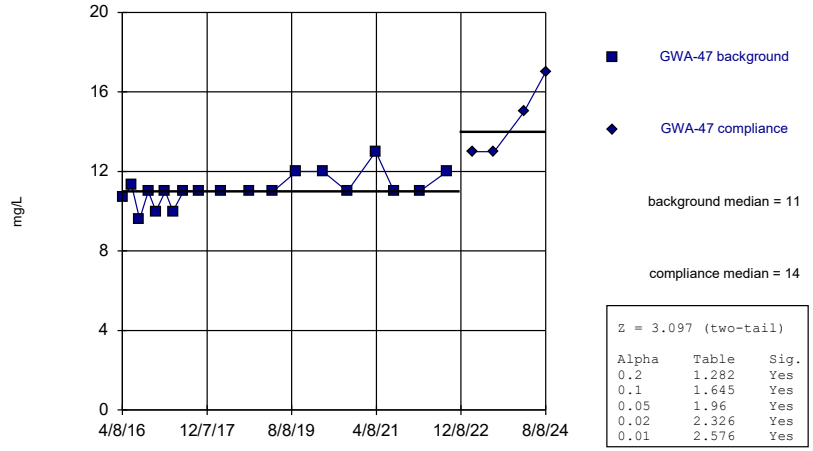
Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 3.097 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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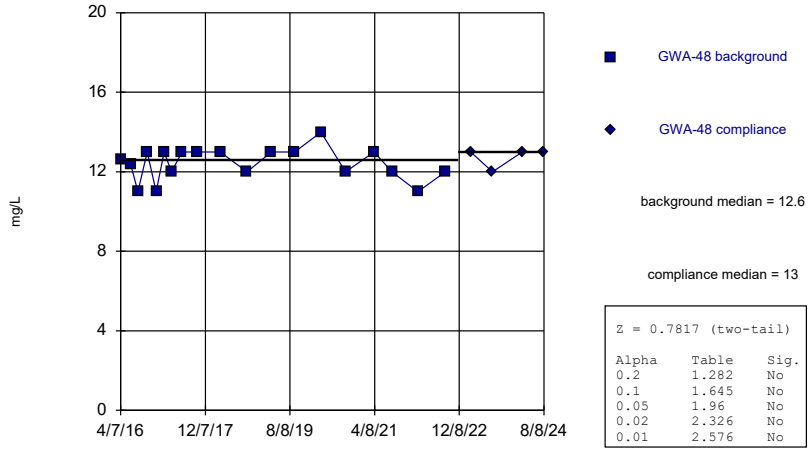
Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.7817 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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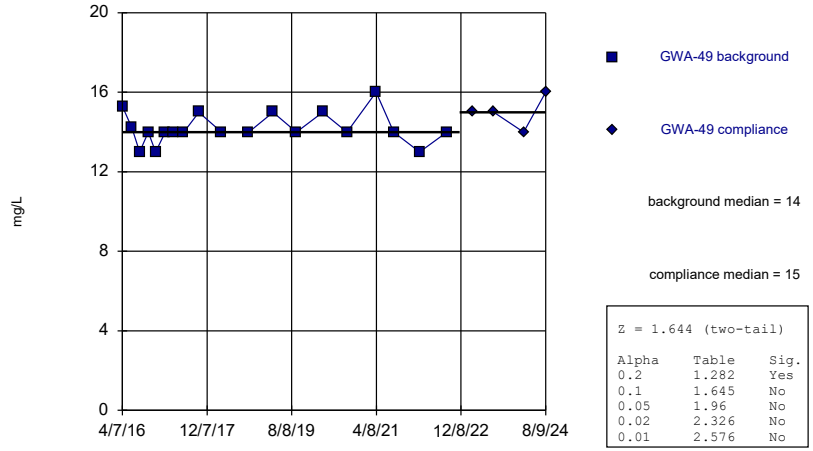
Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 1.644 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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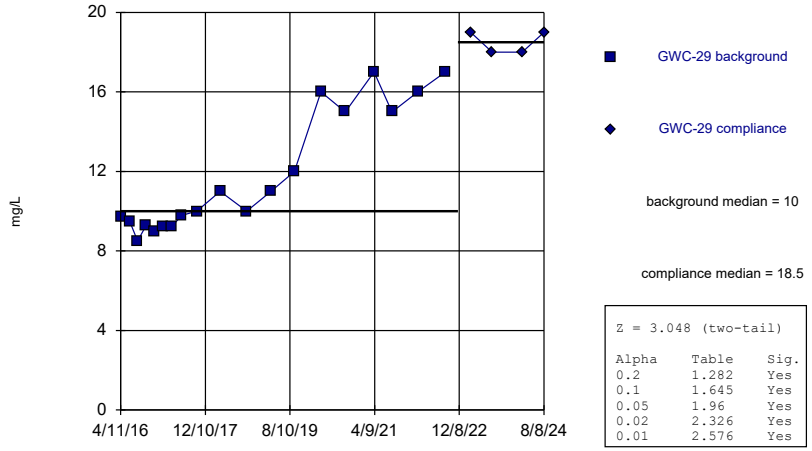
Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 3.048 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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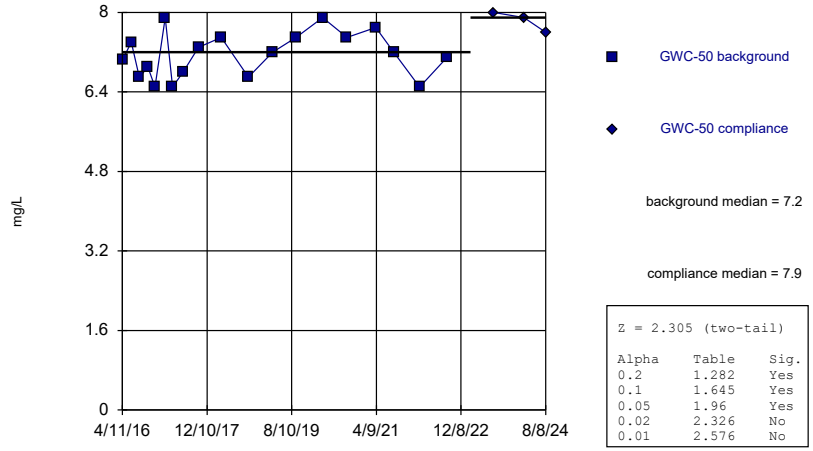
Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 2.305 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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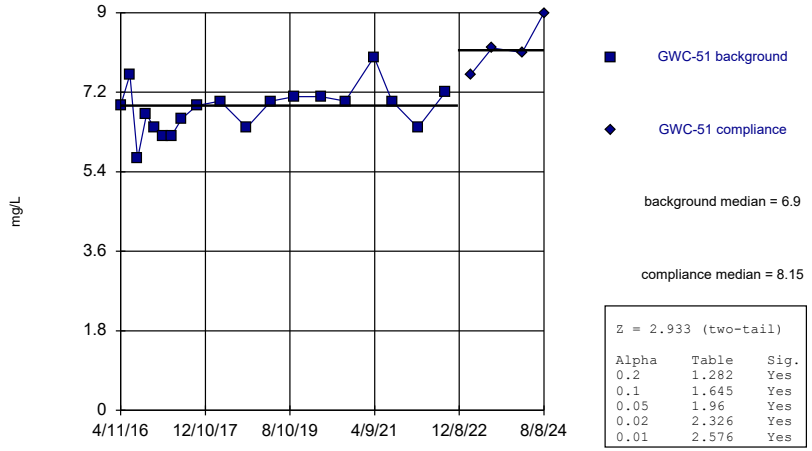
Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 2.933 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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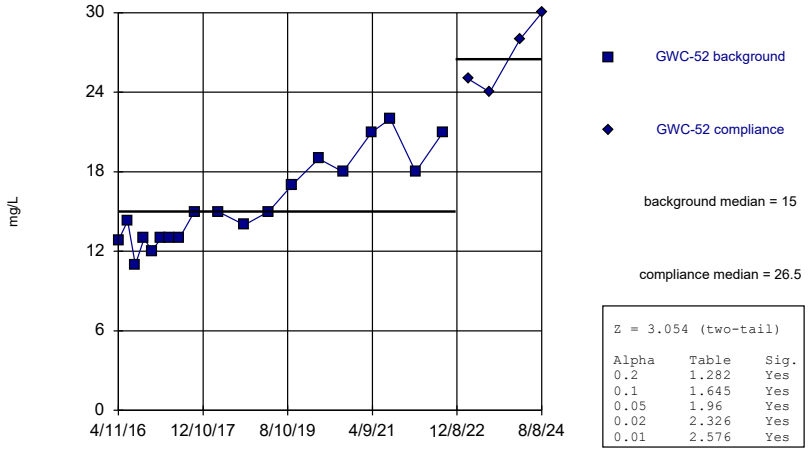
Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 3.054 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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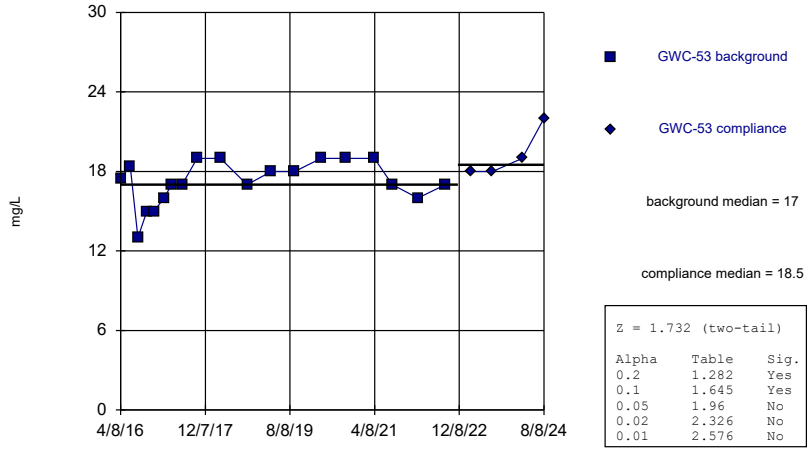
Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 1.732 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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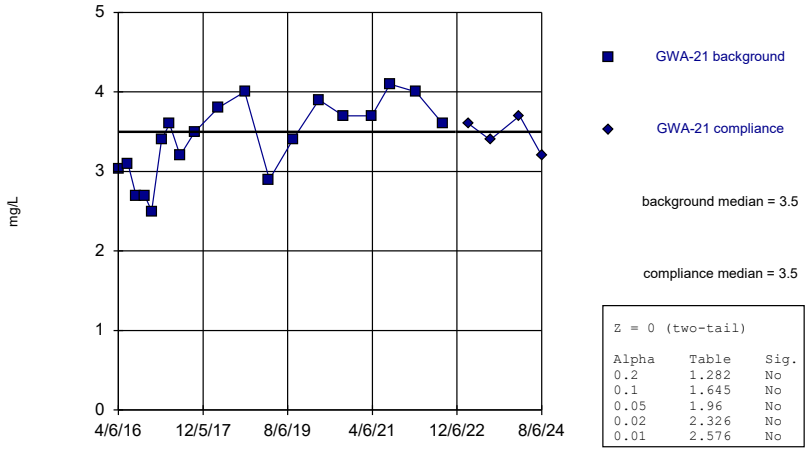
Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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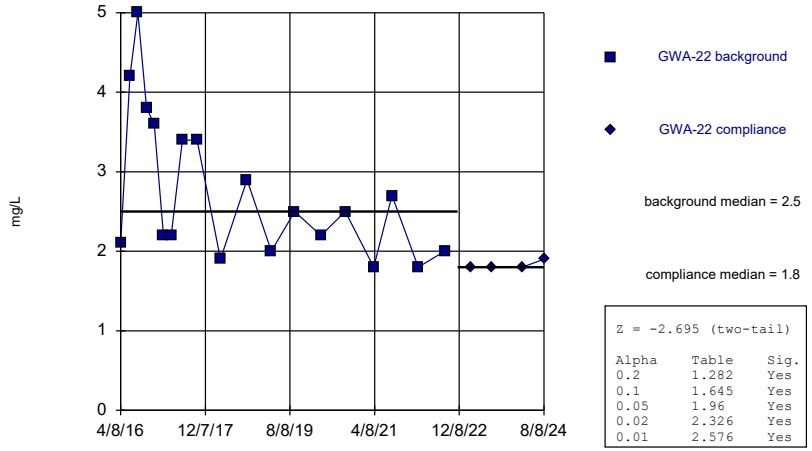
Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = -2.695 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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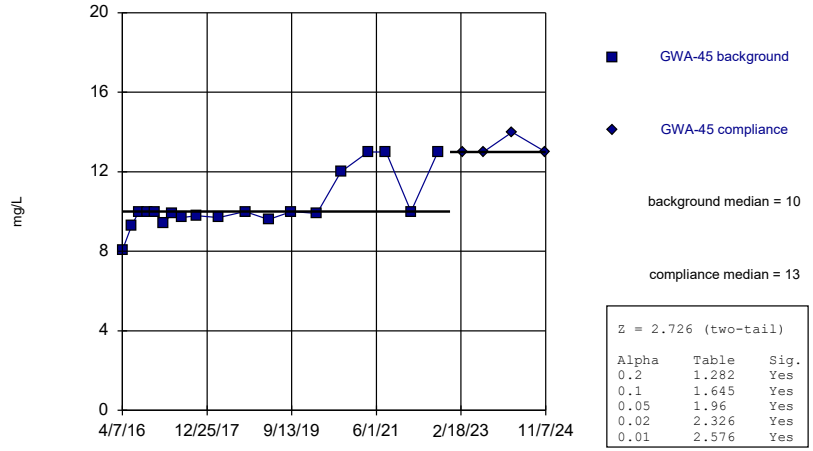
Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 2.726 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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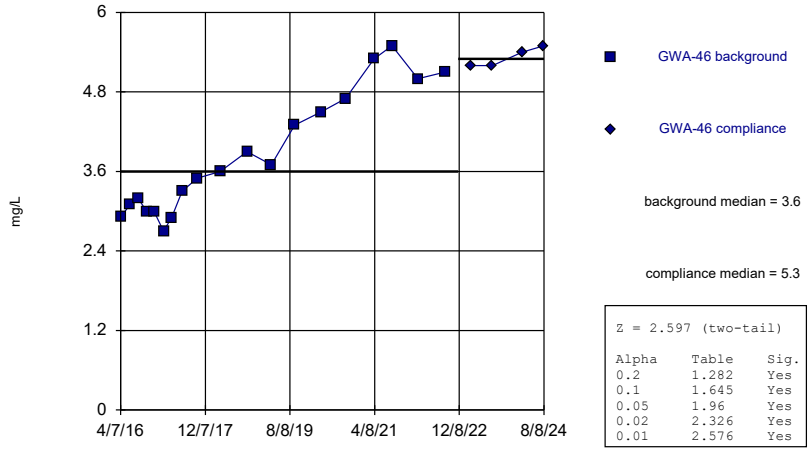
Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 2.597 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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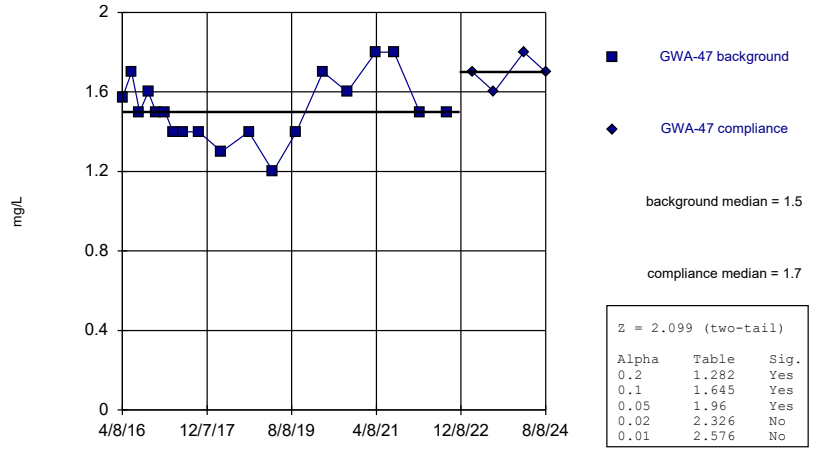
Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 2.099 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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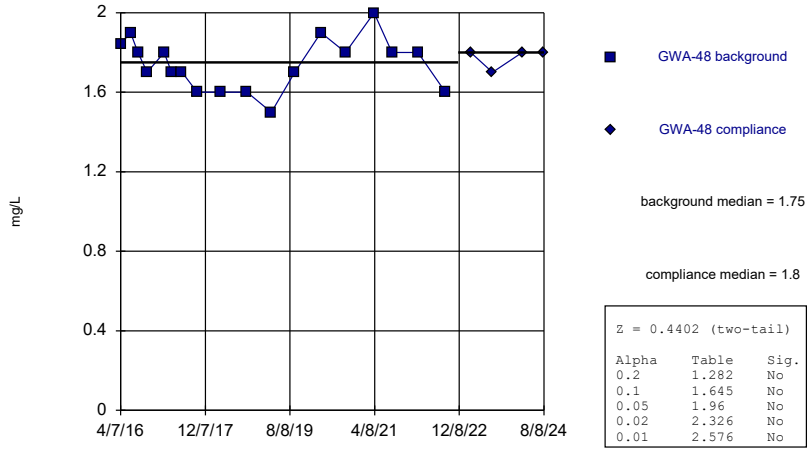
Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.4402 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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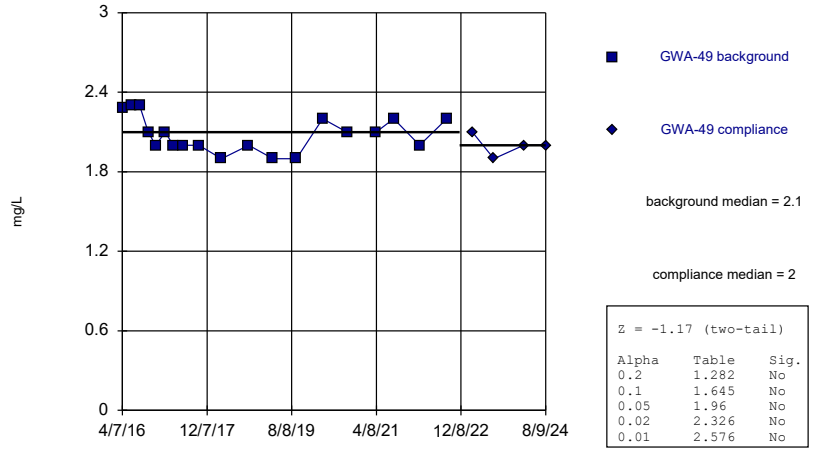
Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = -1.17 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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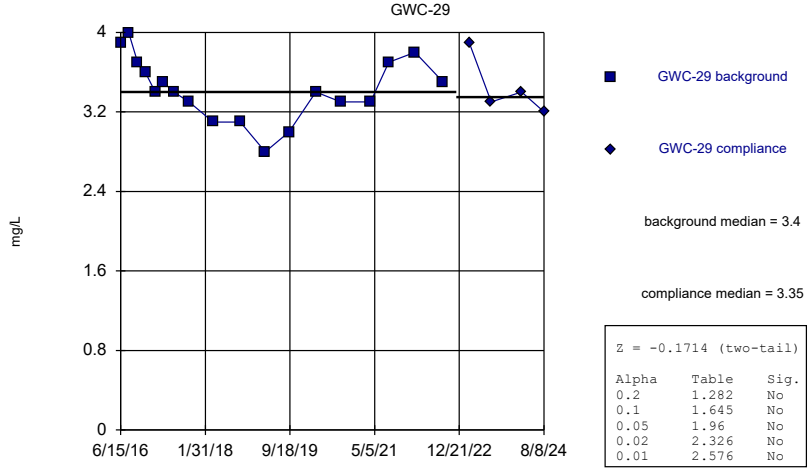
Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = -0.1714 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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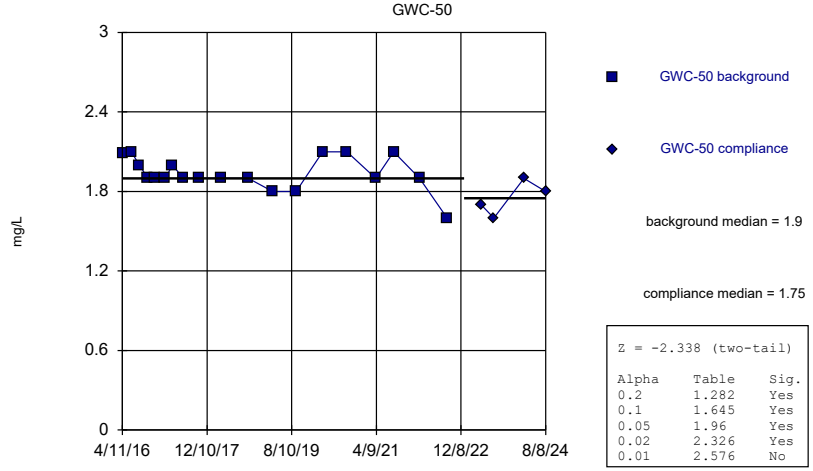
Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = -2.338 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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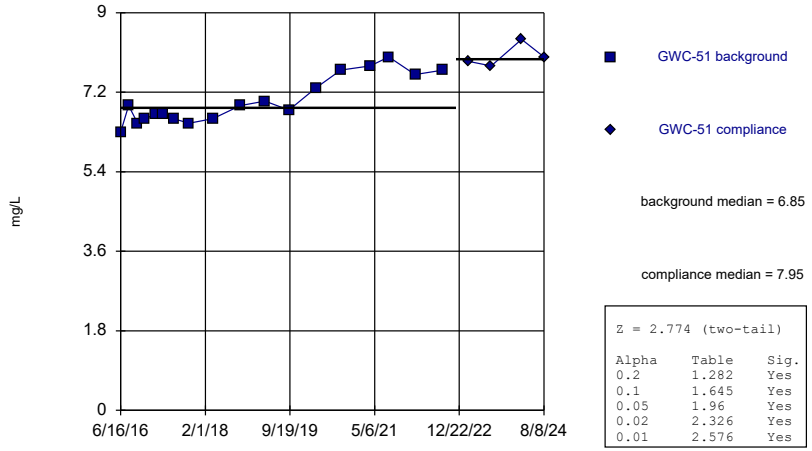
Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 2.774 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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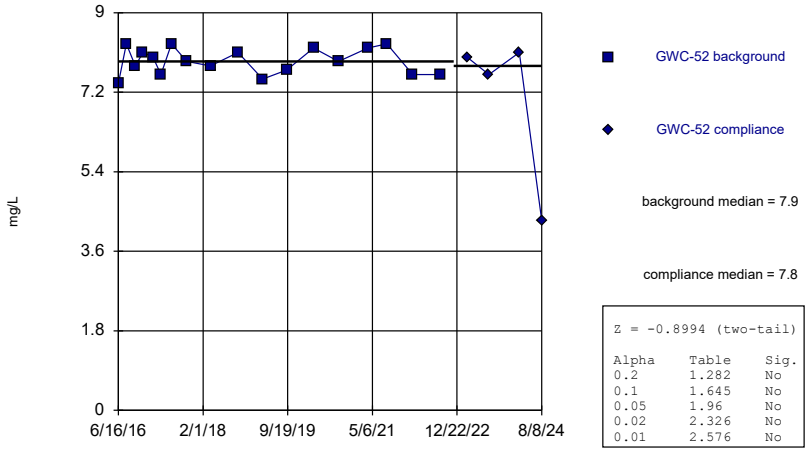
Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -0.8994 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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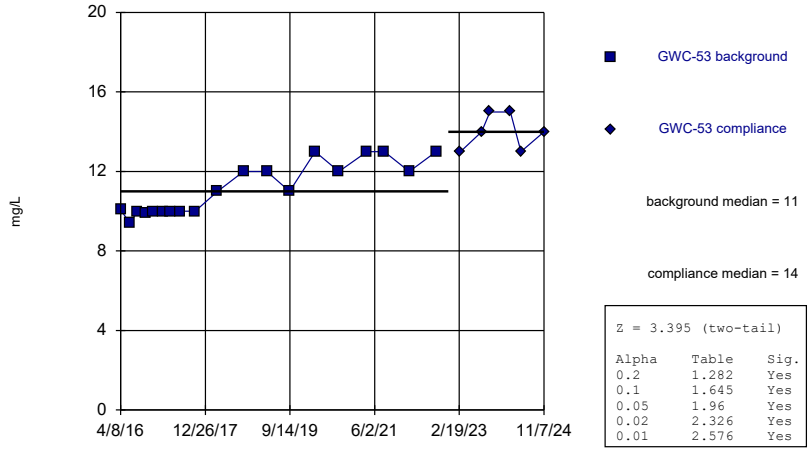
Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 3.395 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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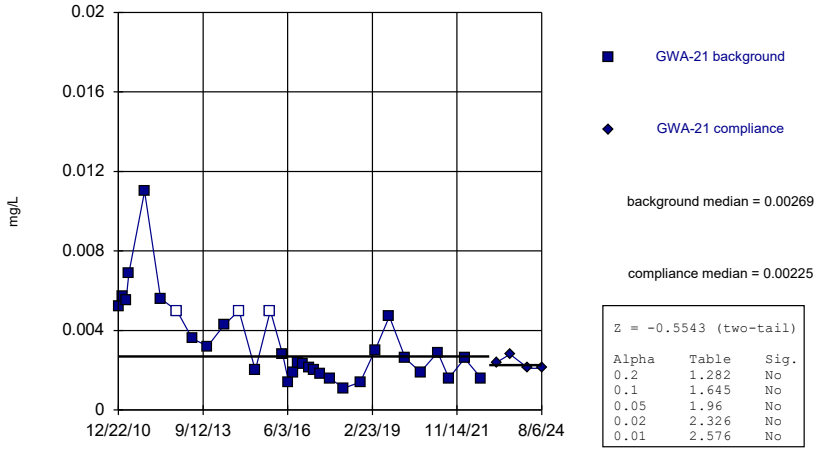
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = -0.5543 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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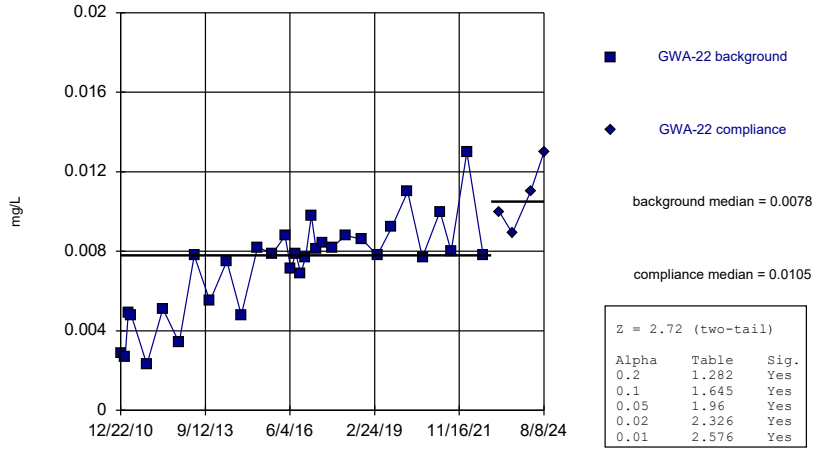
Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 2.72 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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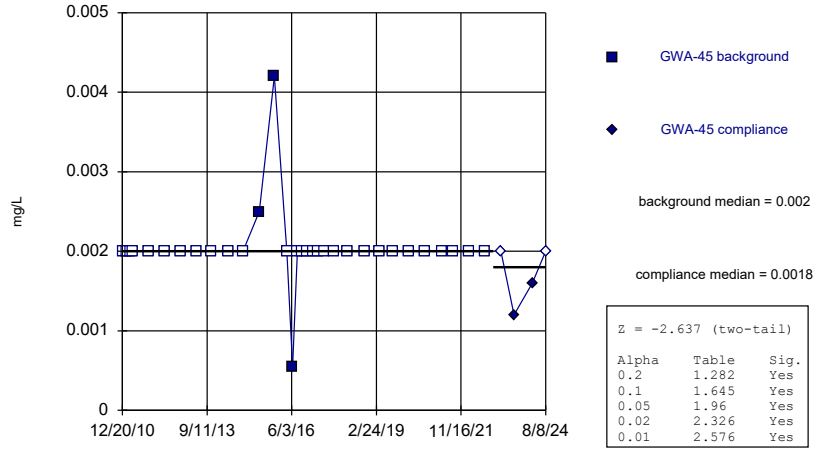
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -2.637 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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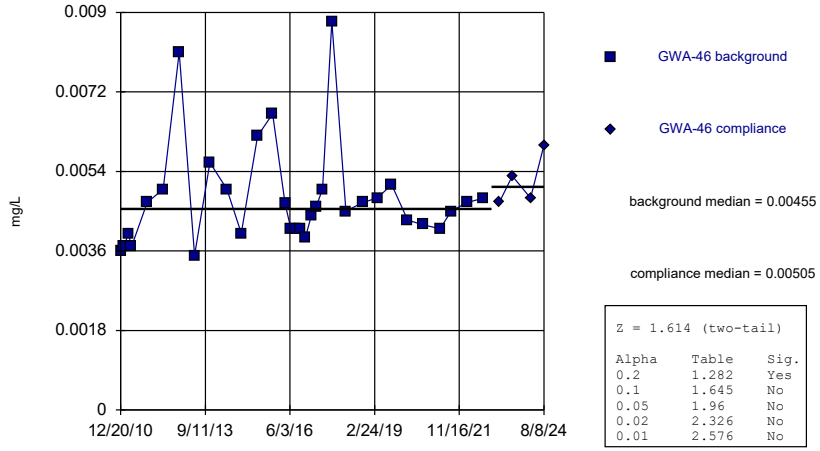
Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 1.614 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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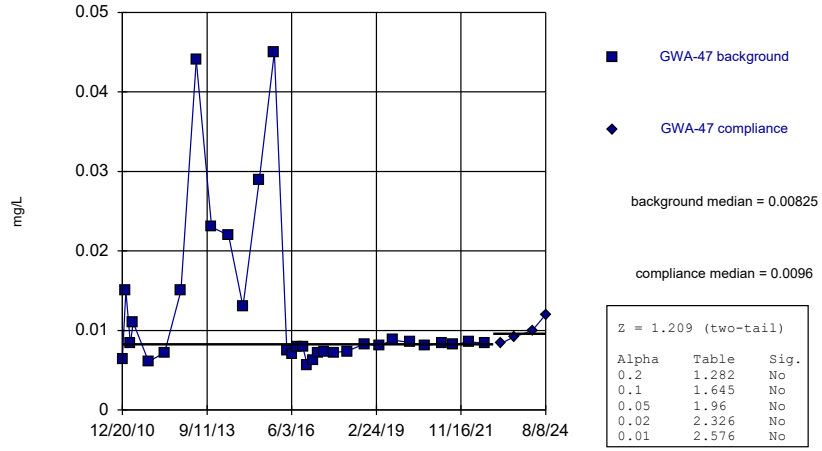
Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 1.209 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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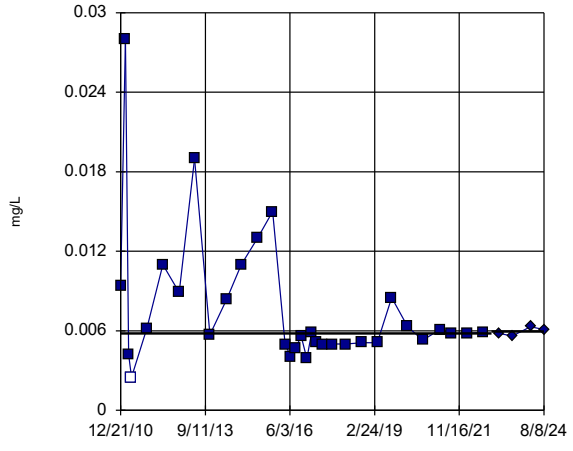
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



GWA-48 background

GWA-48 compliance

background median = 0.0058

compliance median = 0.00595

Z = 0.3024 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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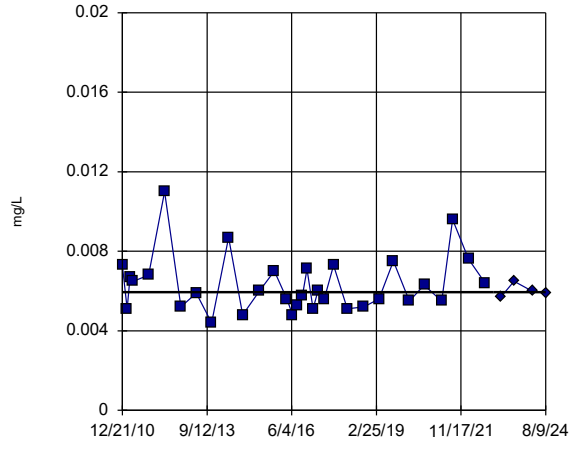
Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



GWA-49 background

GWA-49 compliance

background median = 0.00595

compliance median = 0.00595

Z = 0.126 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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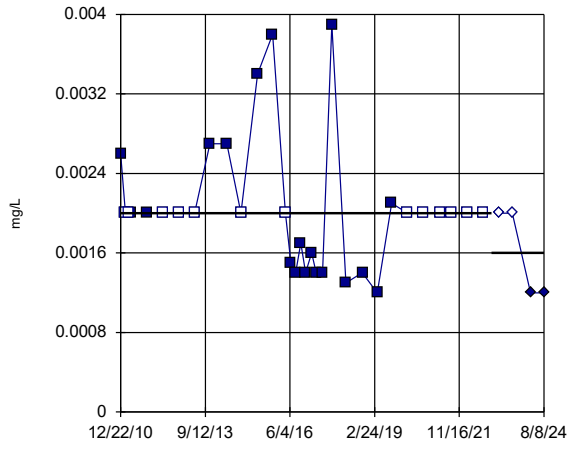
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



GWC-29 background

GWC-29 compliance

background median = 0.002

compliance median = 0.0016

Z = -1.387 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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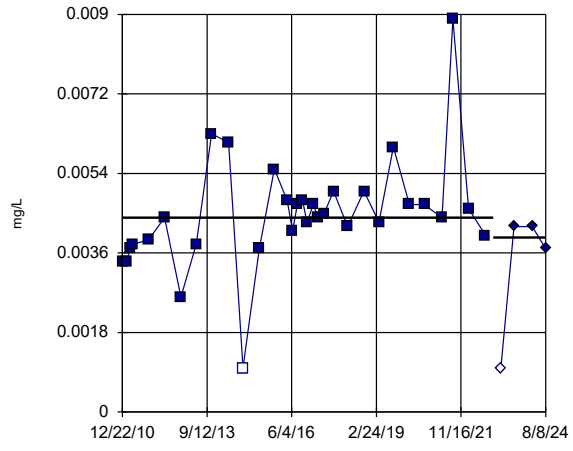
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



GWC-50 background

GWC-50 compliance

background median = 0.0044

compliance median = 0.00395

Z = -1.815 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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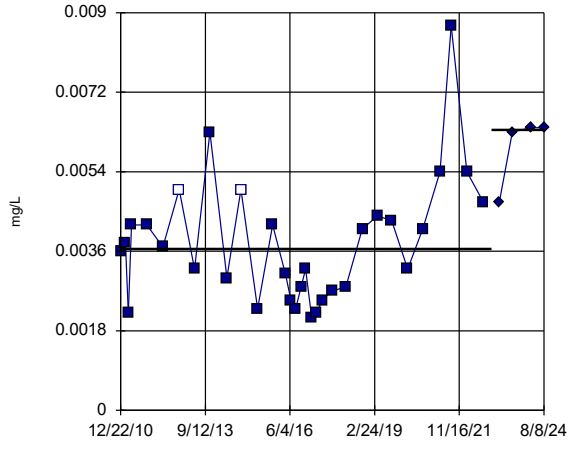
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



GWC-51 background

GWC-51 compliance

background median = 0.00365

compliance median = 0.00635

Z = 2.696 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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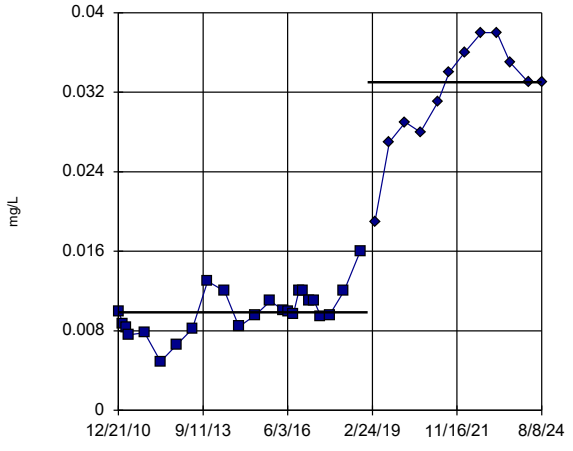
Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



GWC-52 background

GWC-52 compliance

background median = 0.00985

compliance median = 0.033

Z = 4.821 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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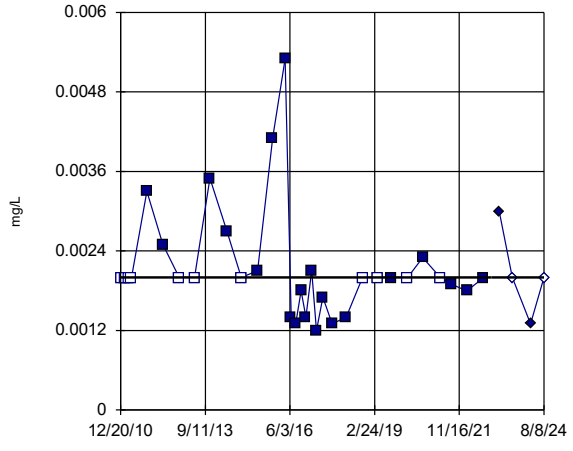
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



GWC-53 background

GWC-53 compliance

background median = 0.002

compliance median = 0.002

Z = 0.0258 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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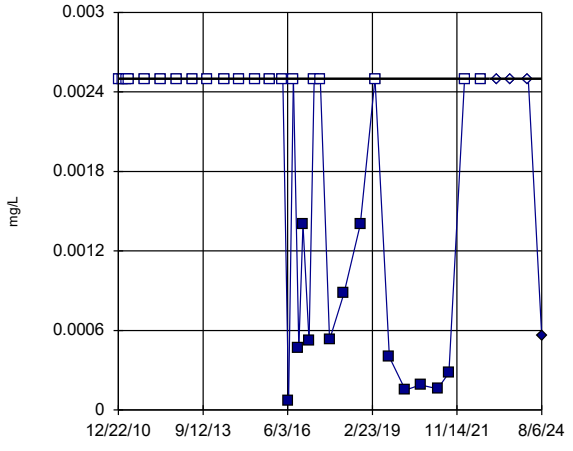
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



GWA-21 background

GWA-21 compliance

background median = 0.0025

compliance median = 0.0025

Z = 0.6147 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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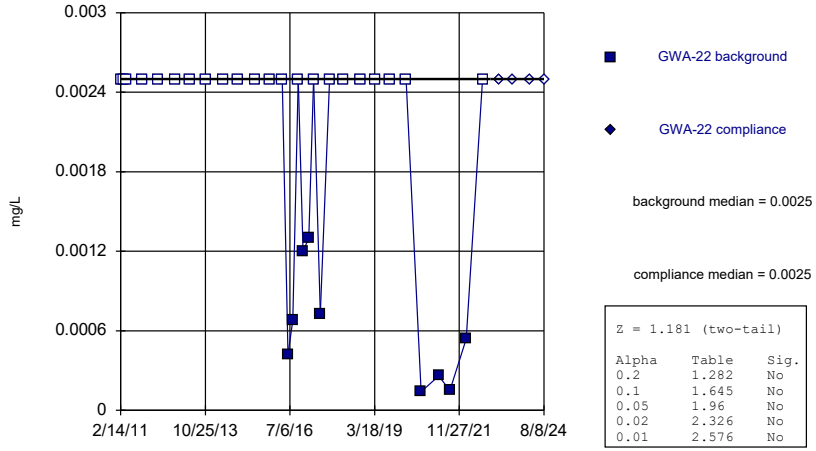
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.181 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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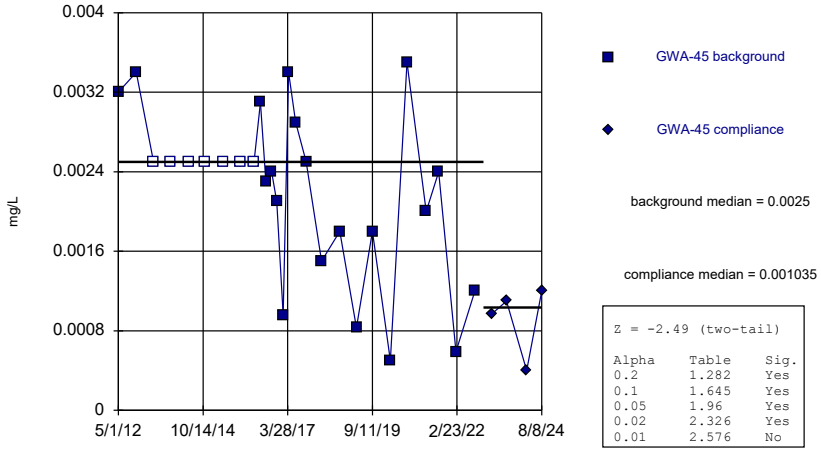
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -2.49 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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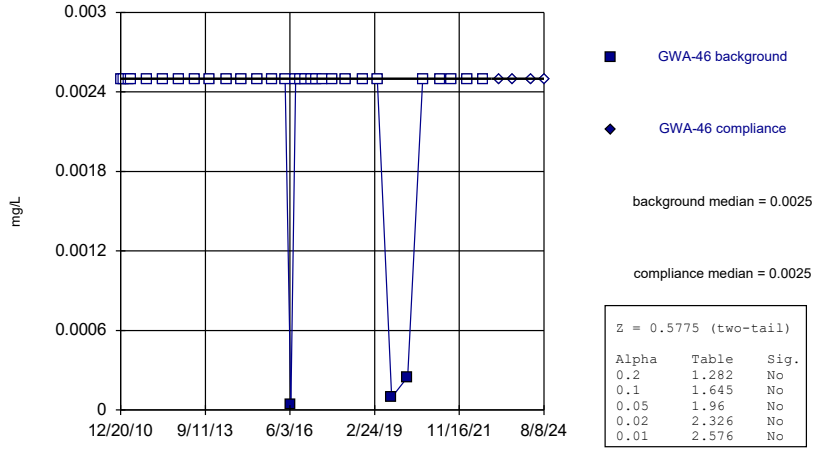
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 0.5775 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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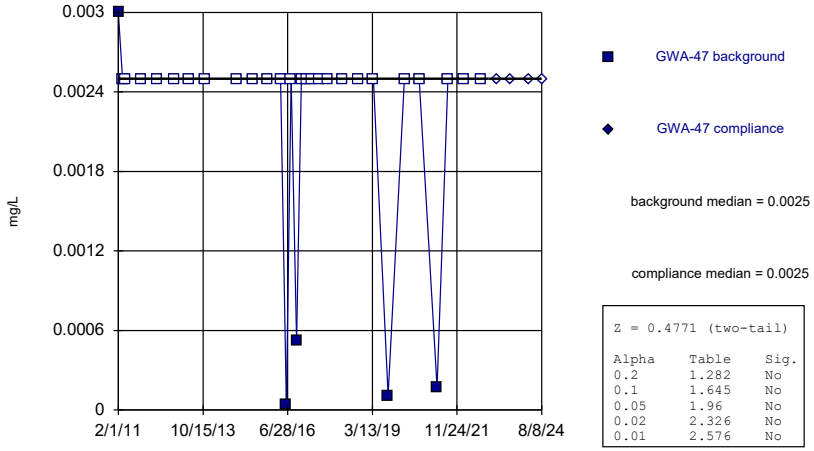
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.4771 (two-tail)

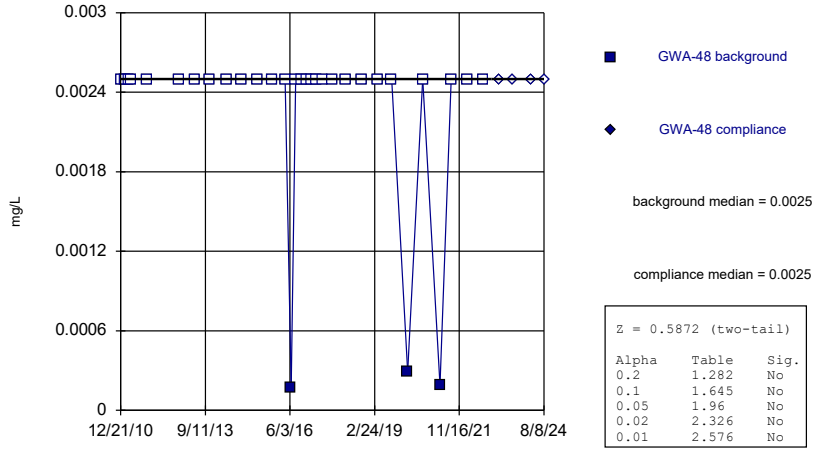
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.5872 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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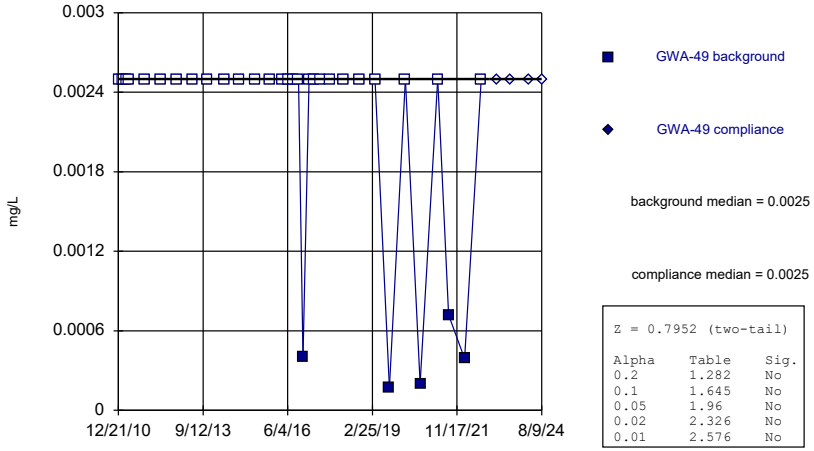
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0.7952 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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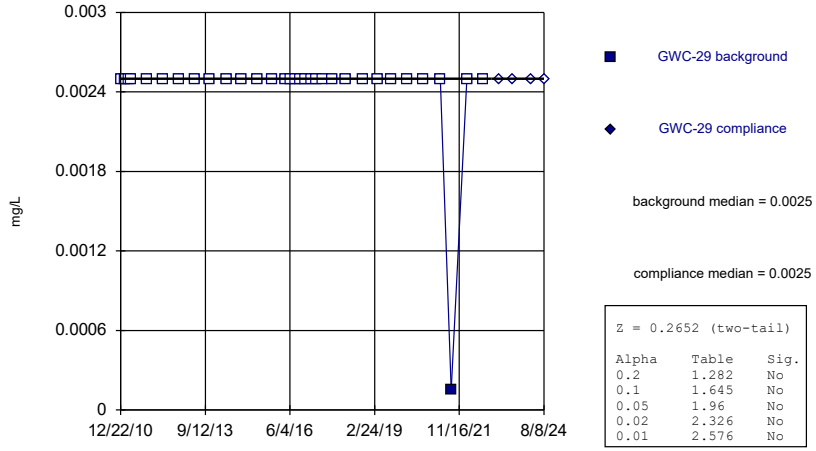
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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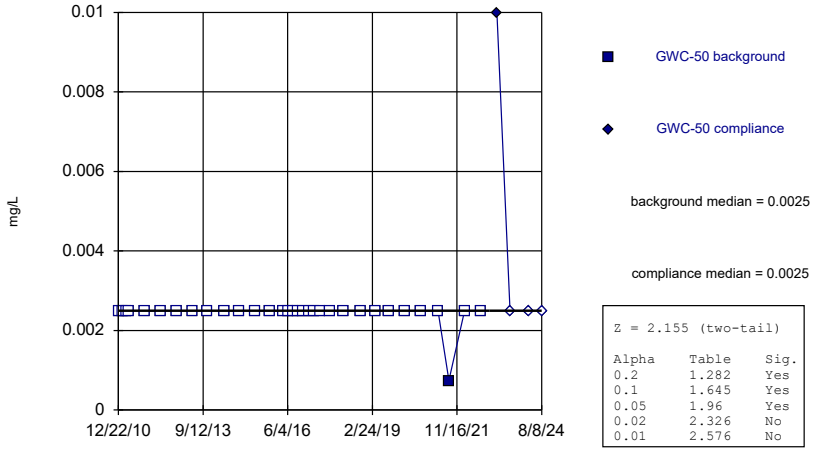
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 2.155 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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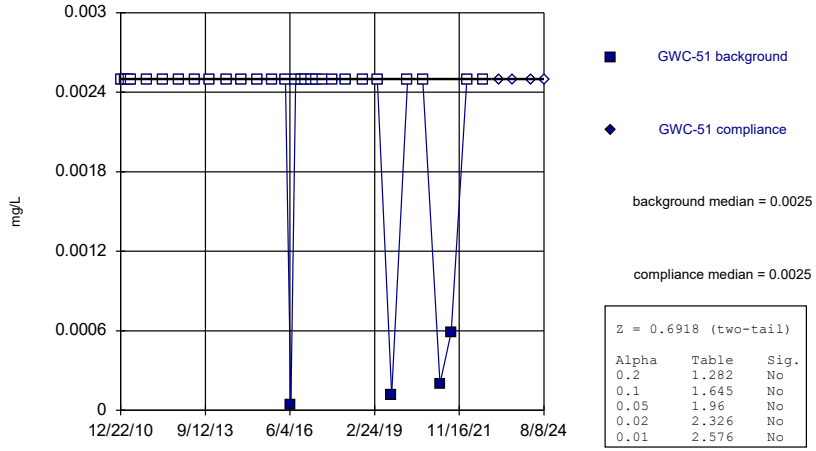
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.6918 (two-tail)

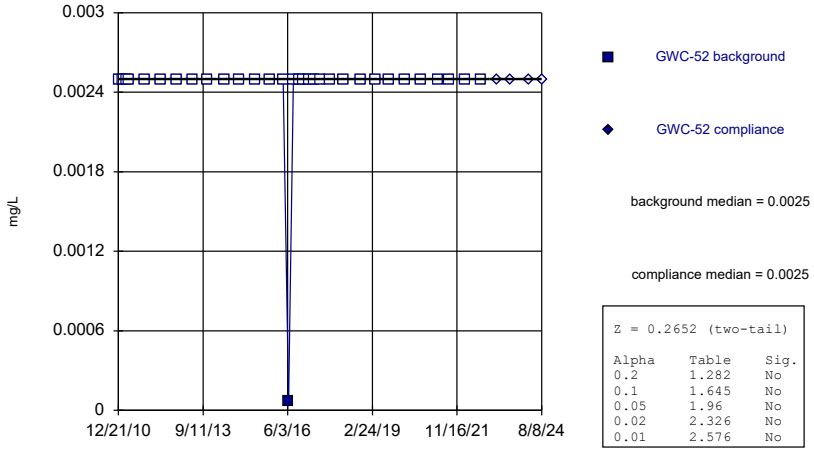
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 0.2652 (two-tail)

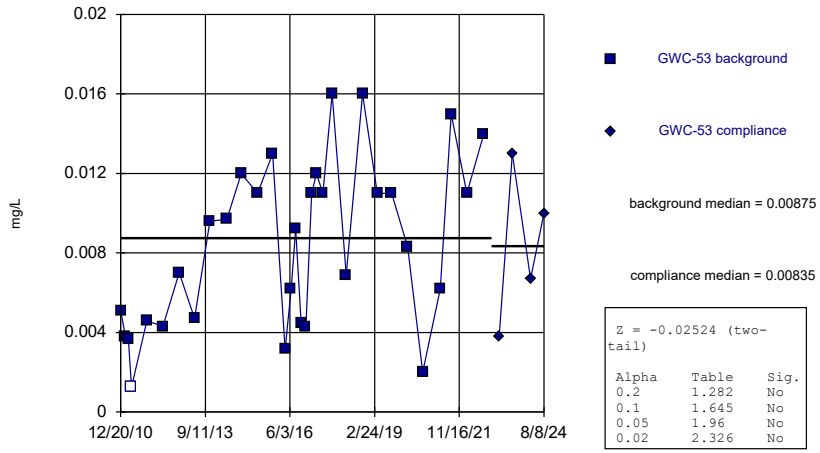
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = -0.02524 (two-tail)

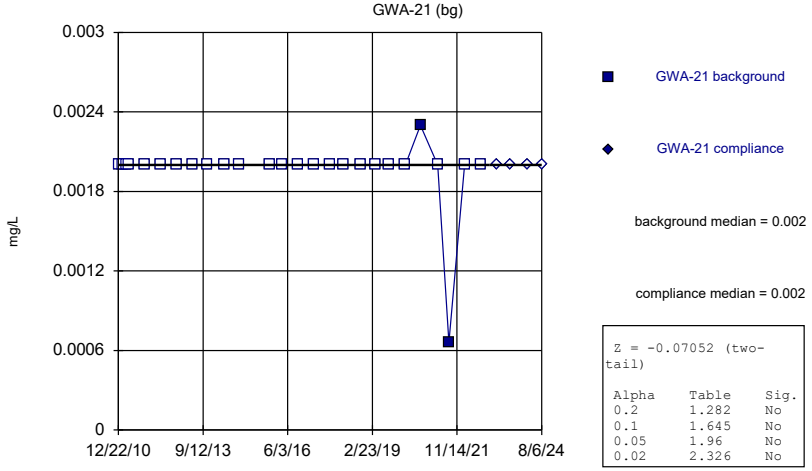
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = -0.07052 (two-tail)

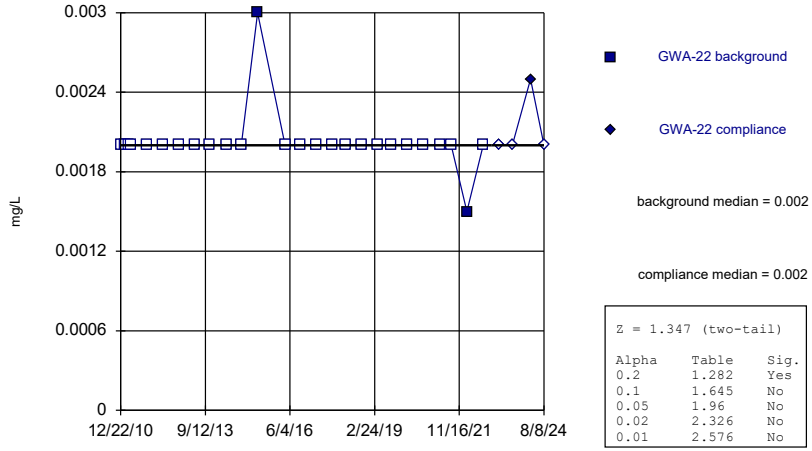
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.347 (two-tail)

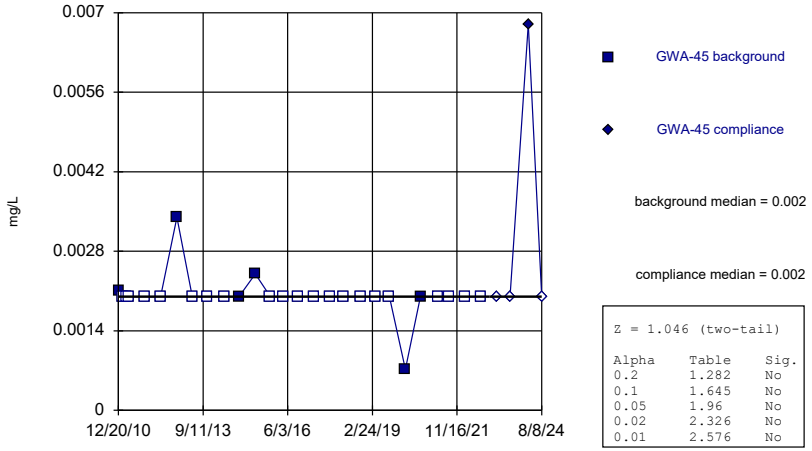
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 1.046 (two-tail)

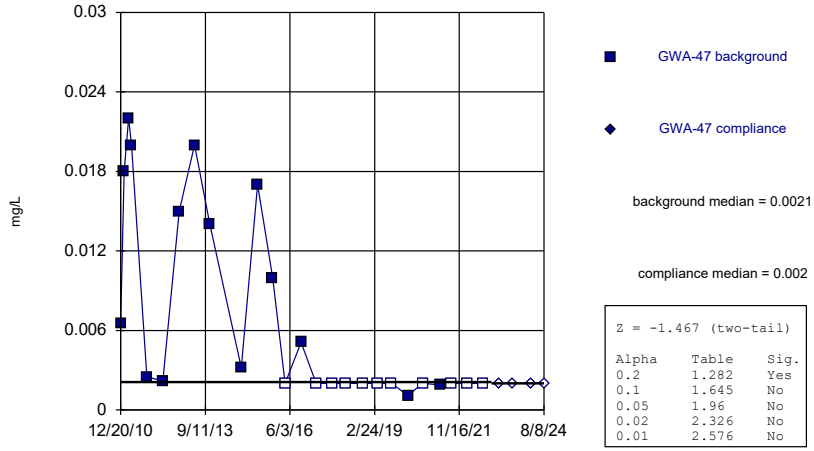
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = -1.467 (two-tail)

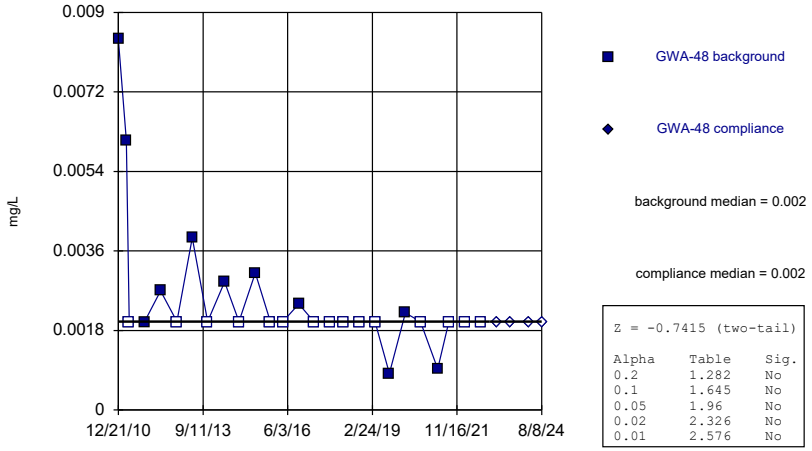
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = -0.7415 (two-tail)

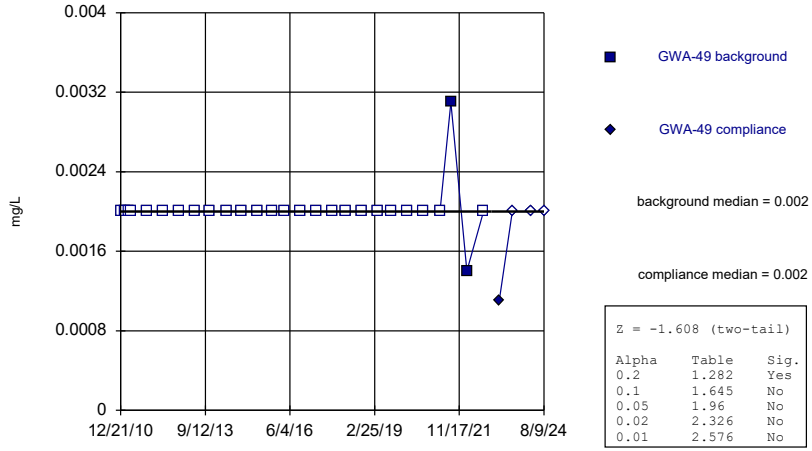
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = -1.608 (two-tail)

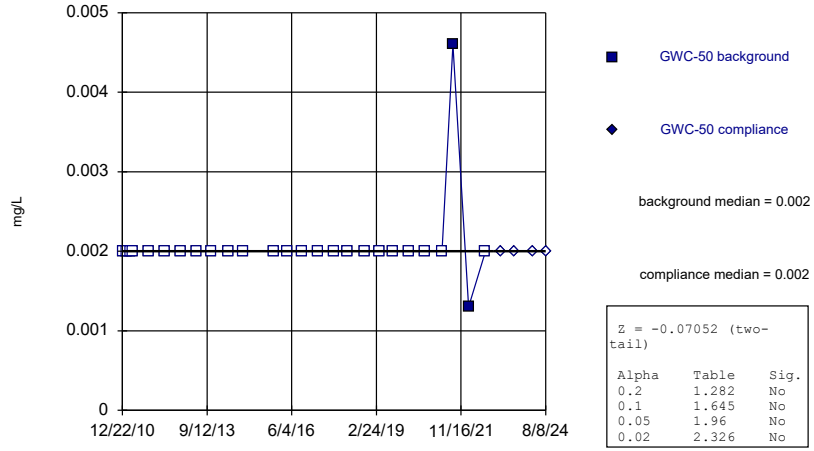
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = -0.07052 (two-tail)

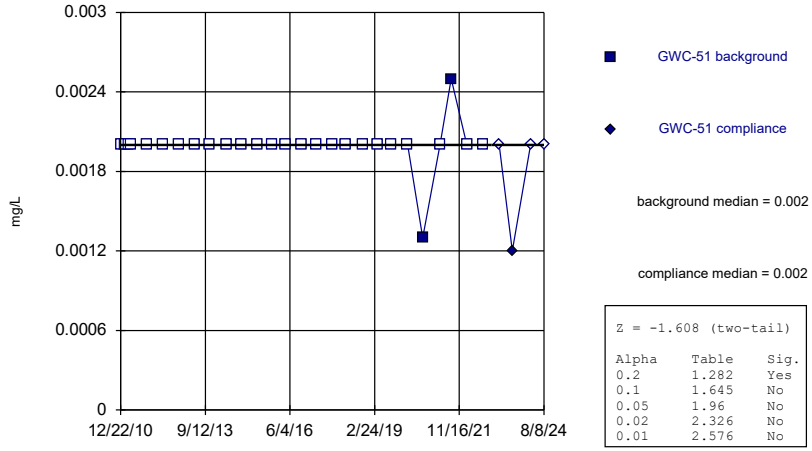
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = -1.608 (two-tail)

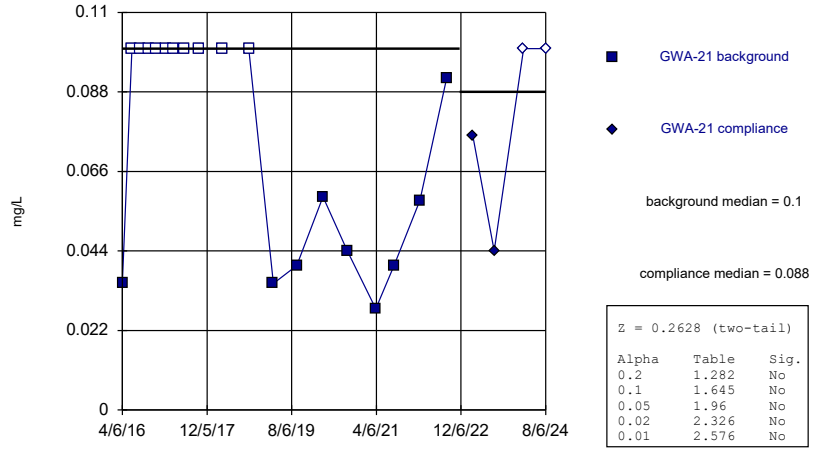
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.2628 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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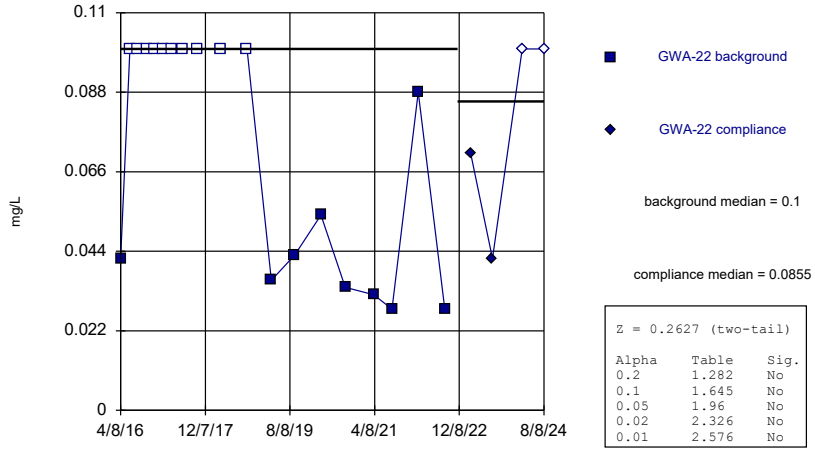
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.2627 (two-tail)

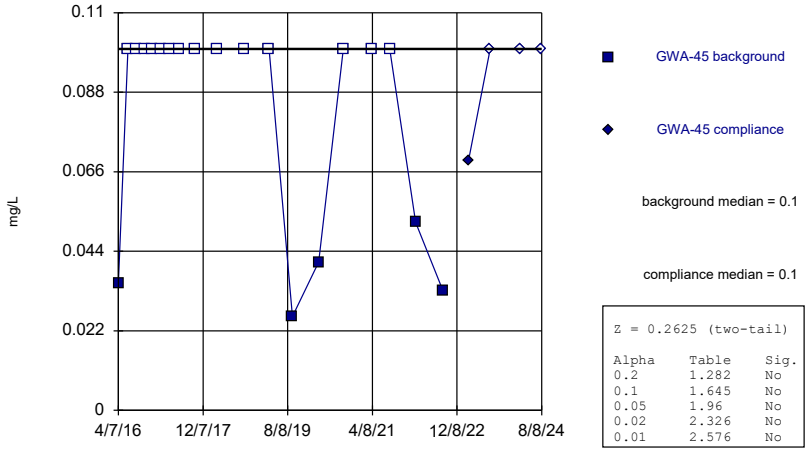
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 0.2625 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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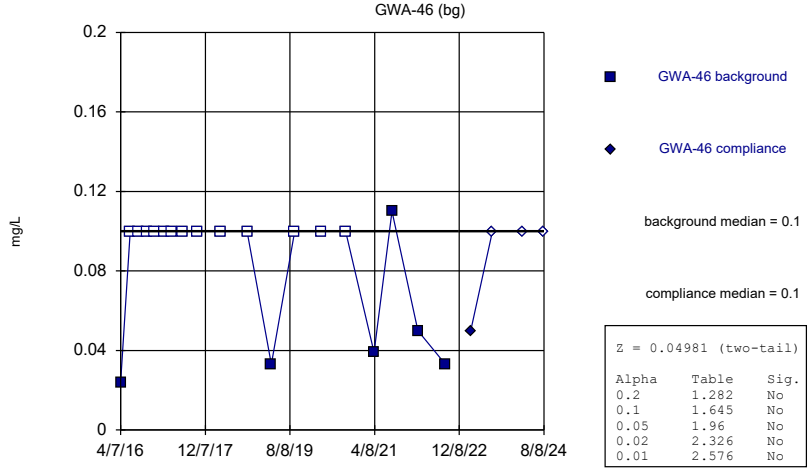
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 0.04981 (two-tail)

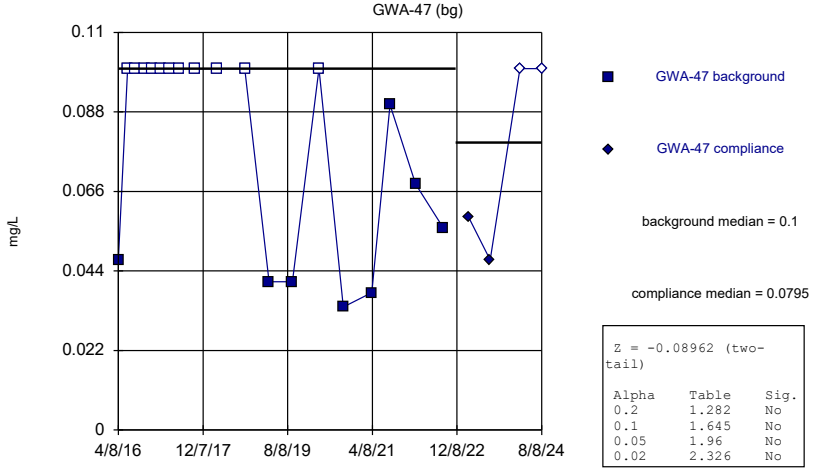
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = -0.08962 (two-tail)

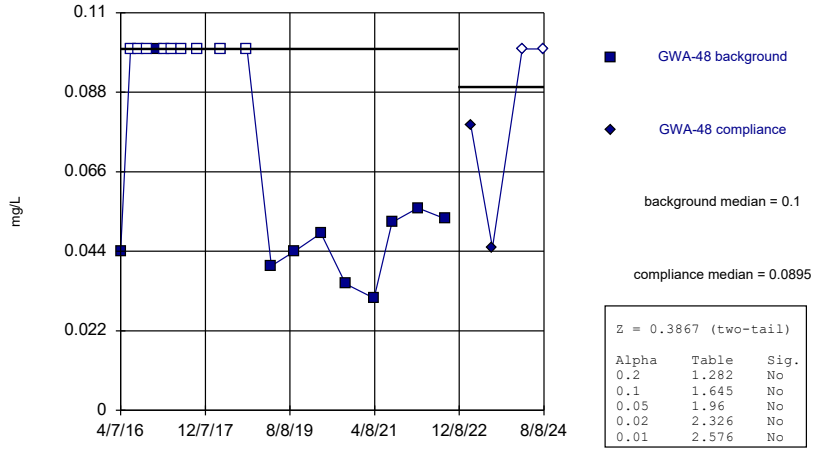
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.3867 (two-tail)

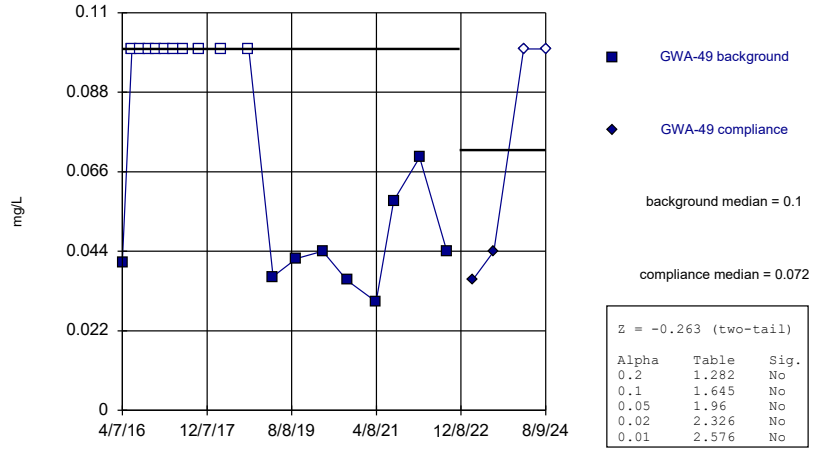
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = -0.263 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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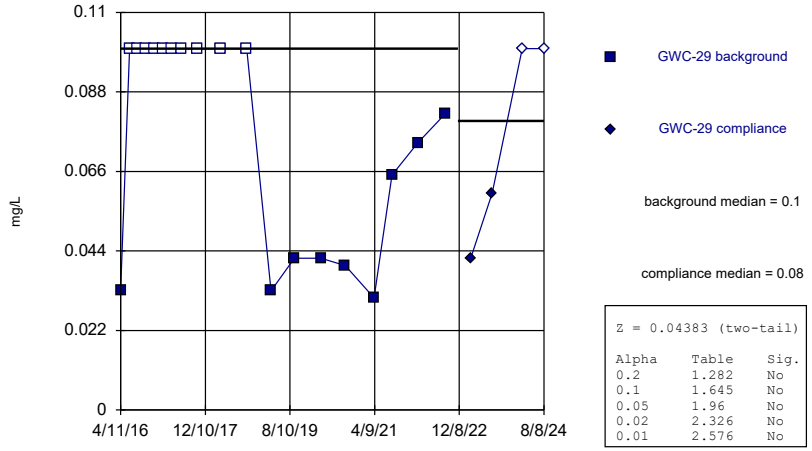
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 0.04383 (two-tail)

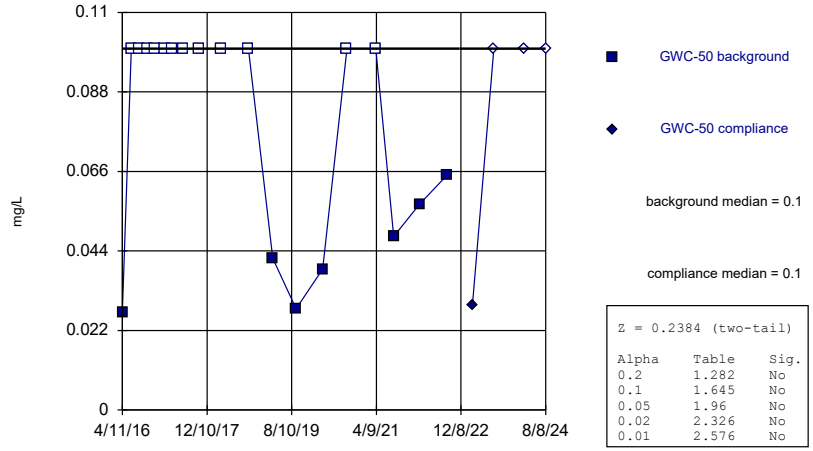
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.2384 (two-tail)

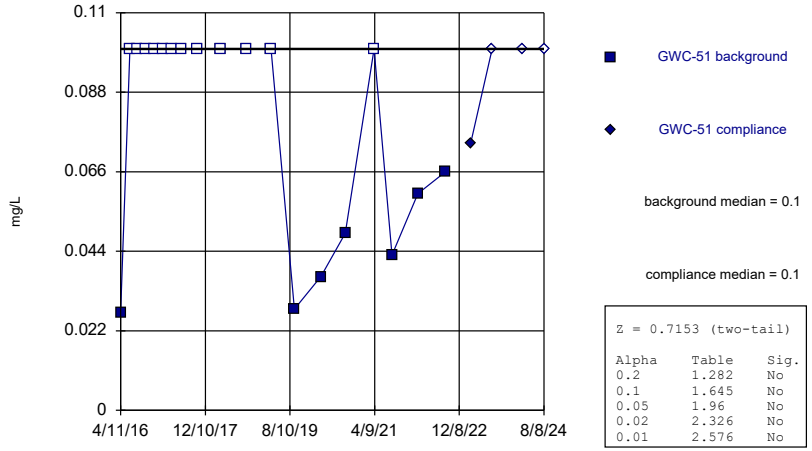
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.7153 (two-tail)

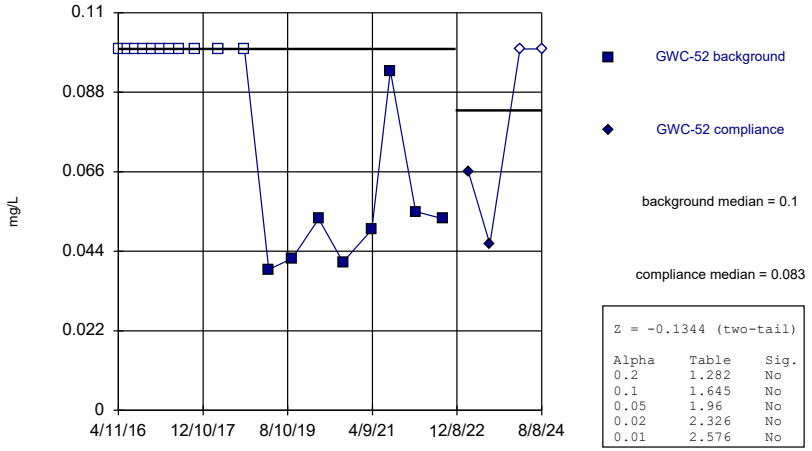
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -0.1344 (two-tail)

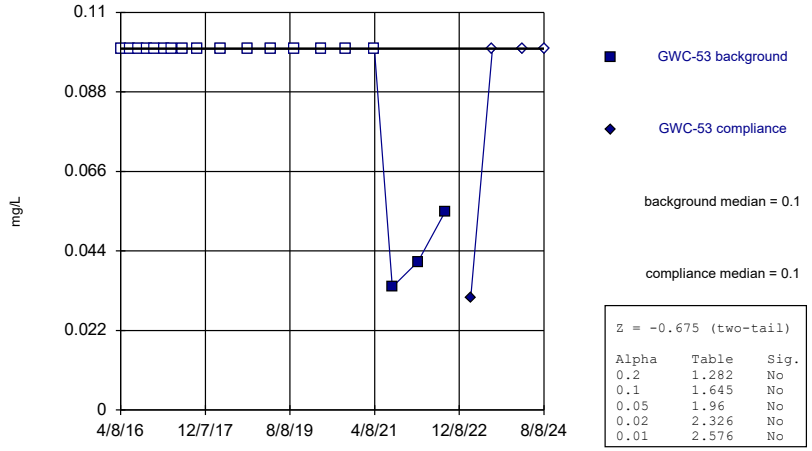
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = -0.675 (two-tail)

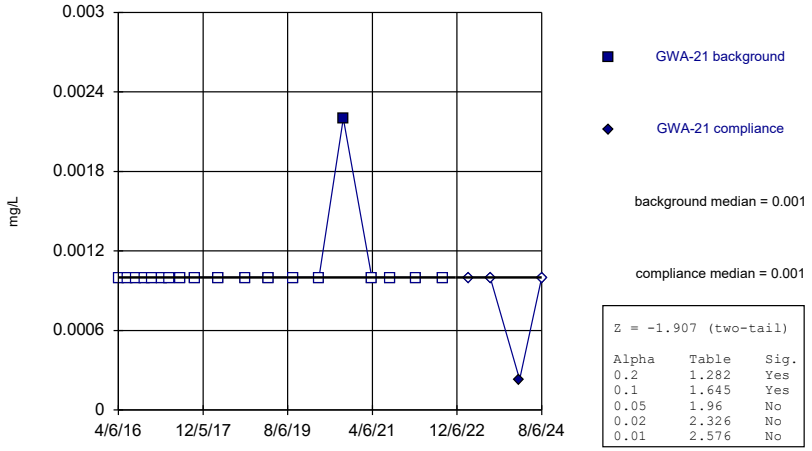
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = -1.907 (two-tail)

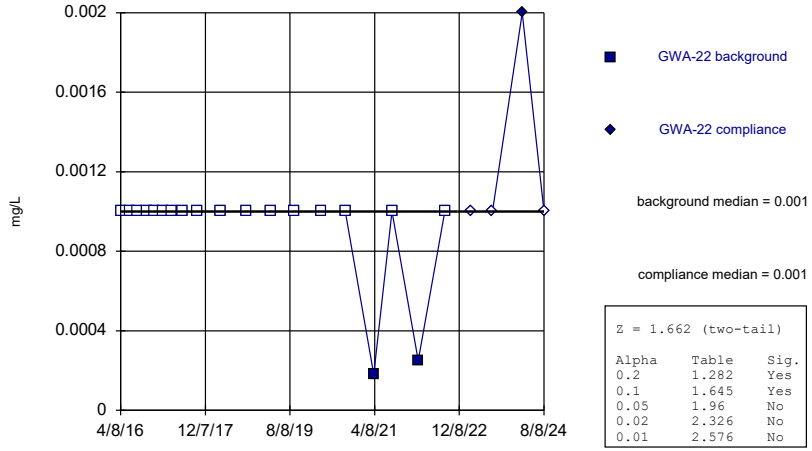
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.662 (two-tail)

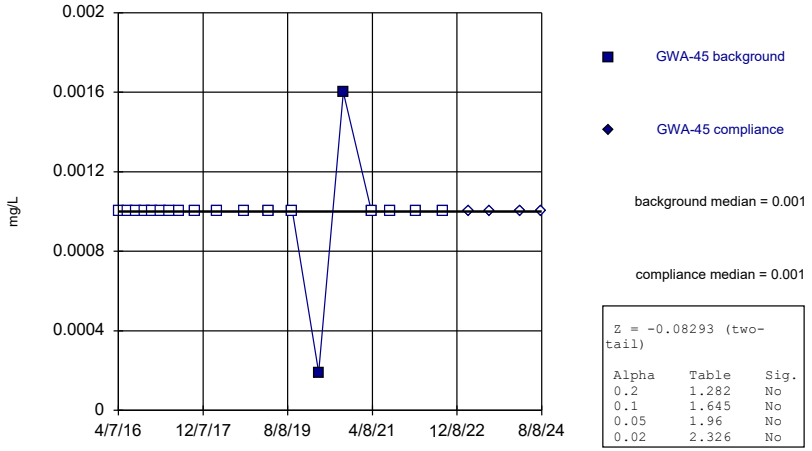
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -0.08293 (two-tail)

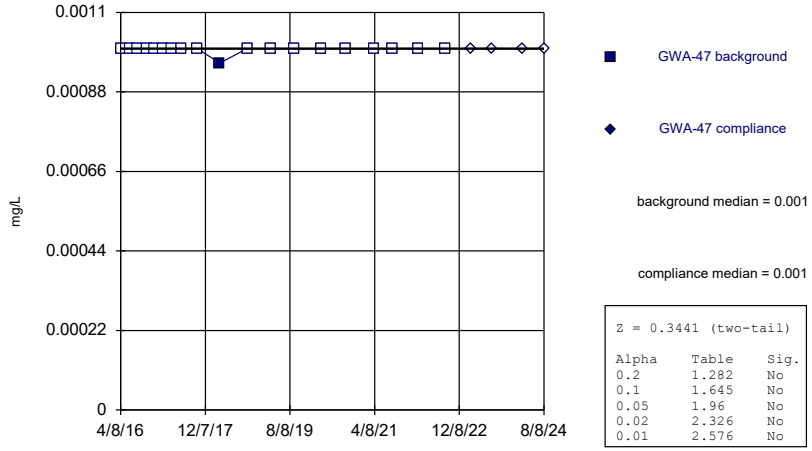
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.3441 (two-tail)

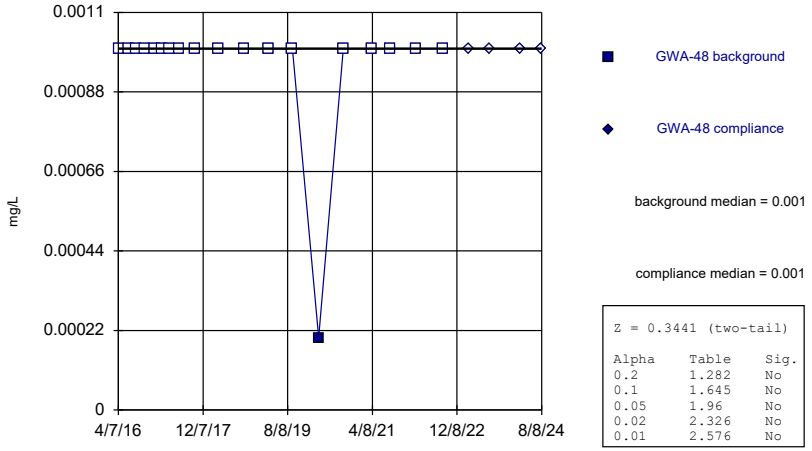
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.3441 (two-tail)

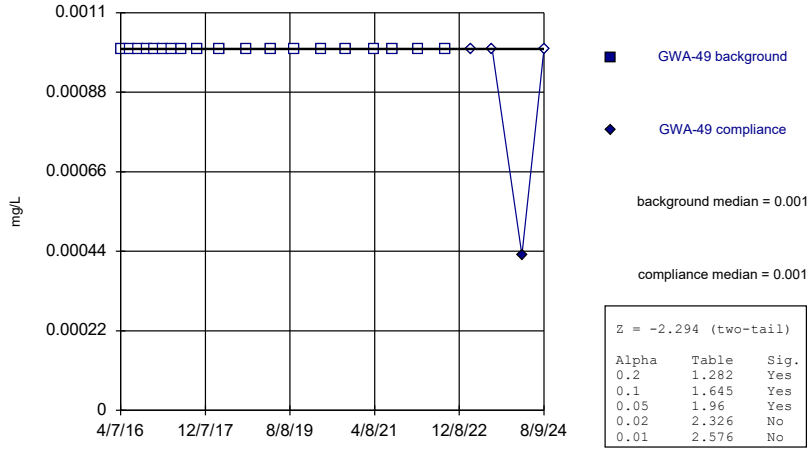
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = -2.294 (two-tail)

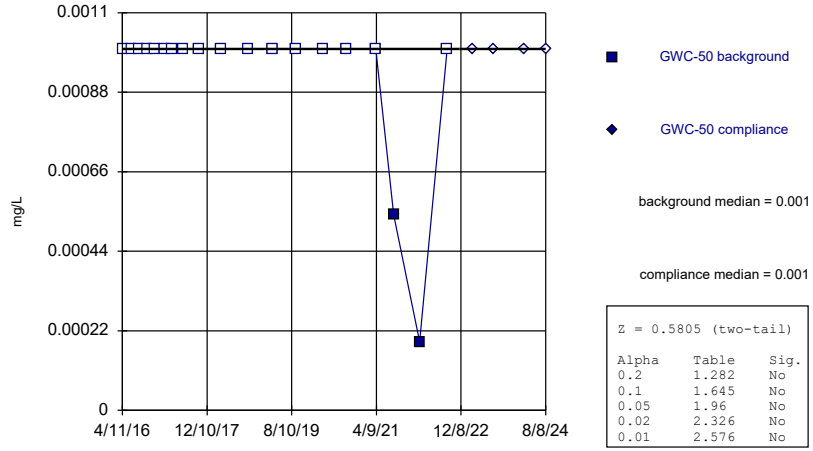
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.5805 (two-tail)

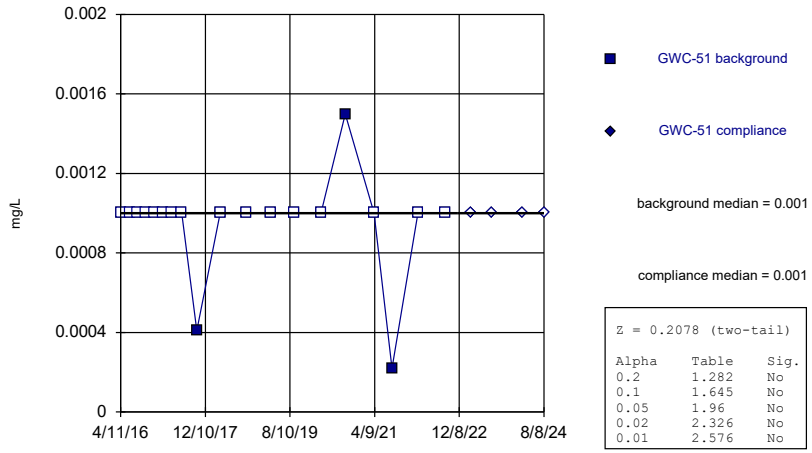
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2078 (two-tail)

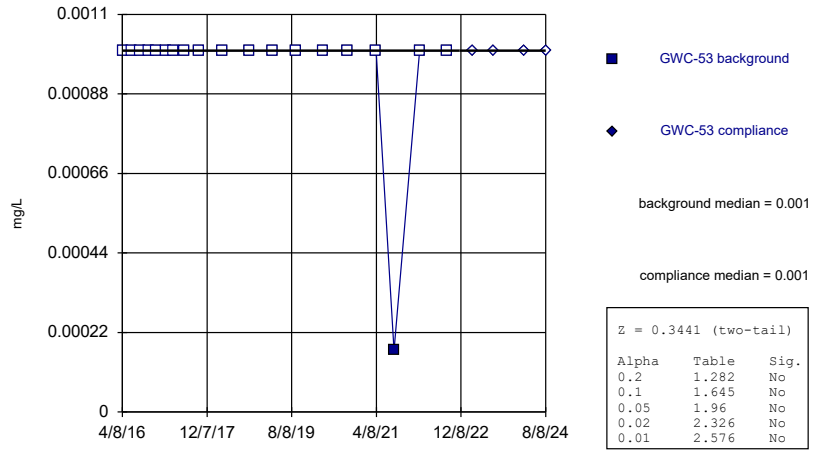
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 0.3441 (two-tail)

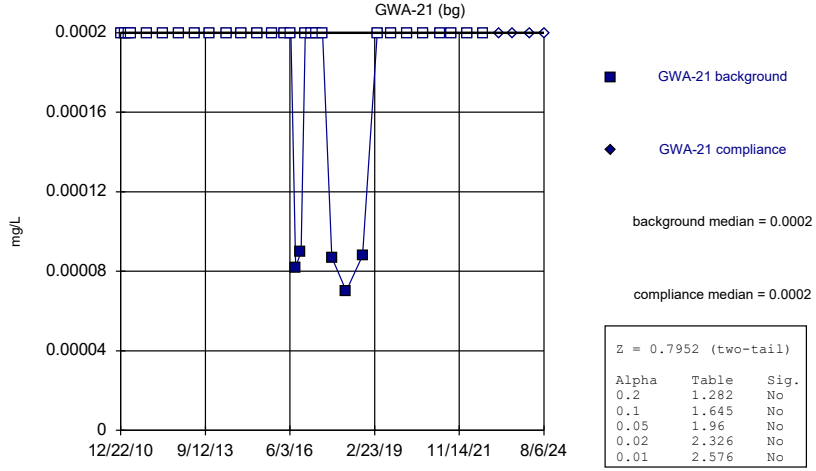
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.7952 (two-tail)

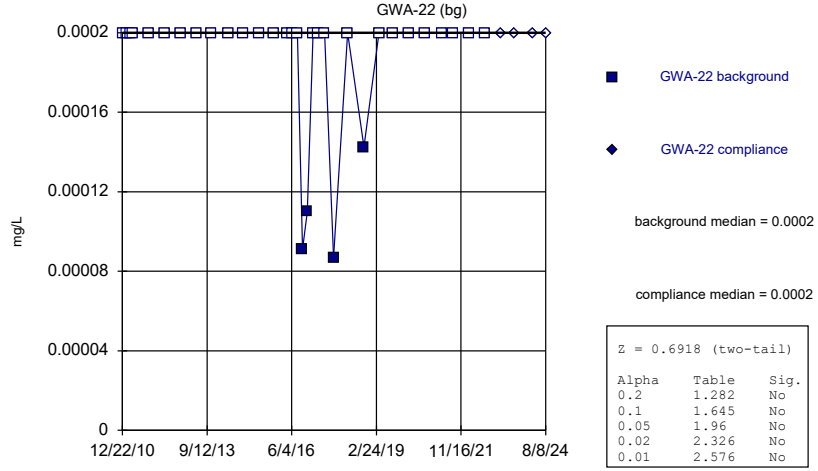
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.6918 (two-tail)

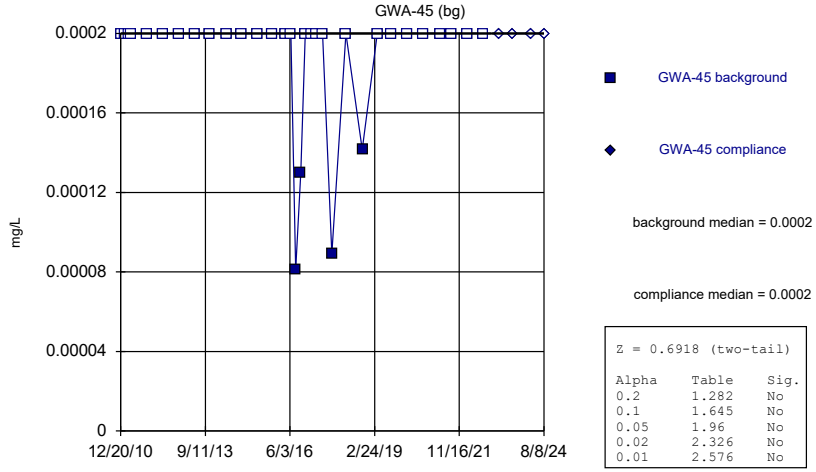
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 0.6918 (two-tail)

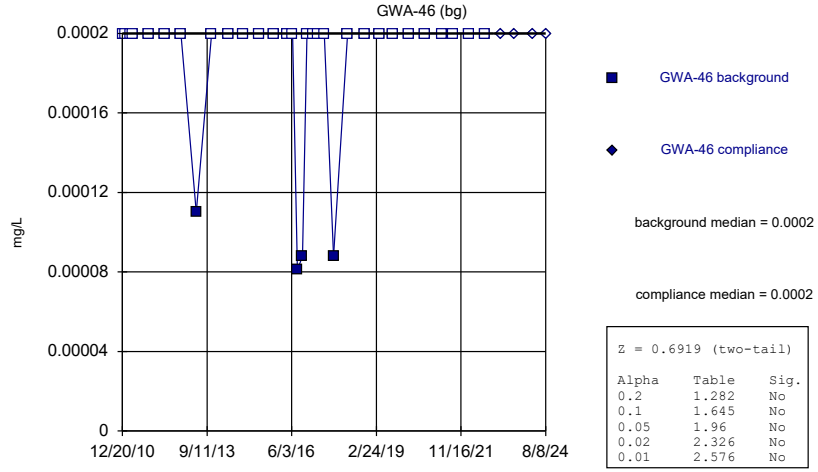
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 0.6919 (two-tail)

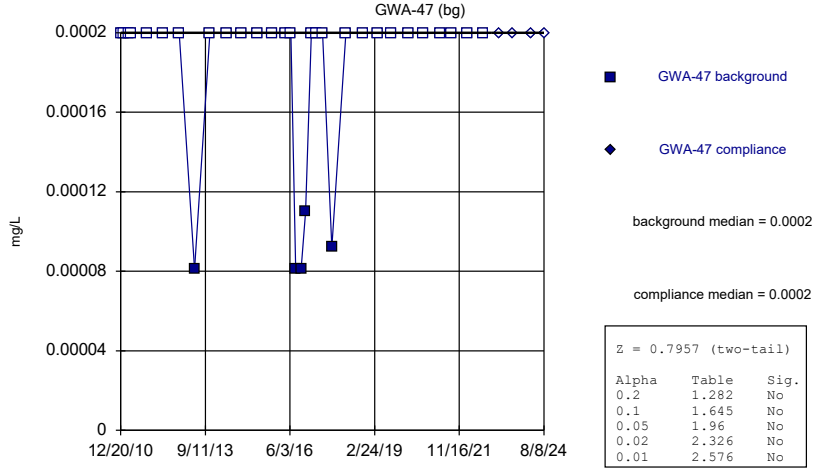
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.7957 (two-tail)

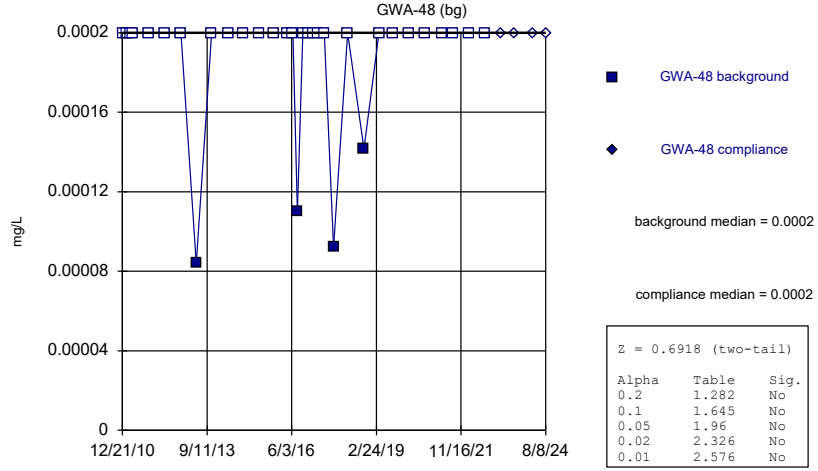
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.6918 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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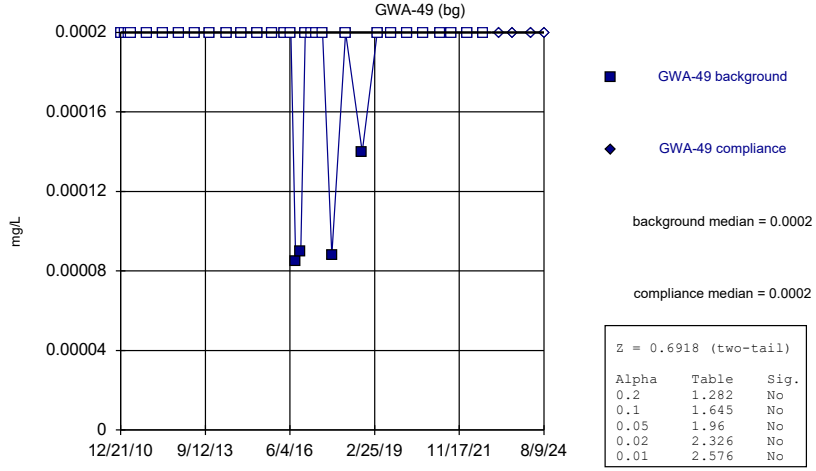
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0.6918 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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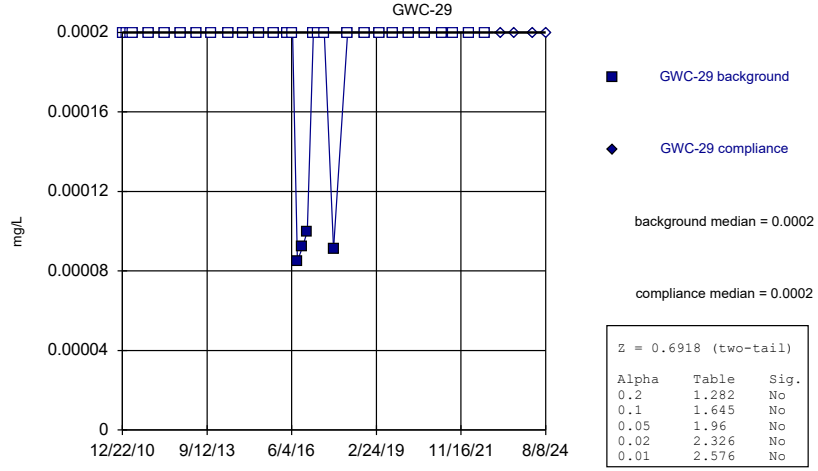
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 0.6918 (two-tail)

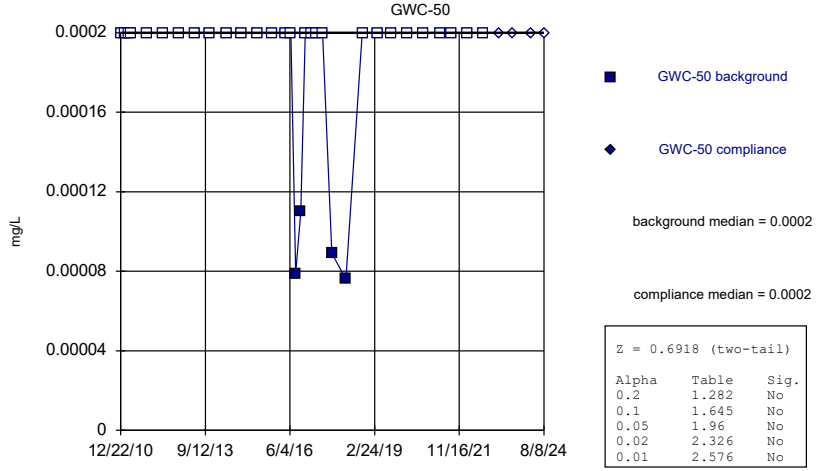
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.6918 (two-tail)

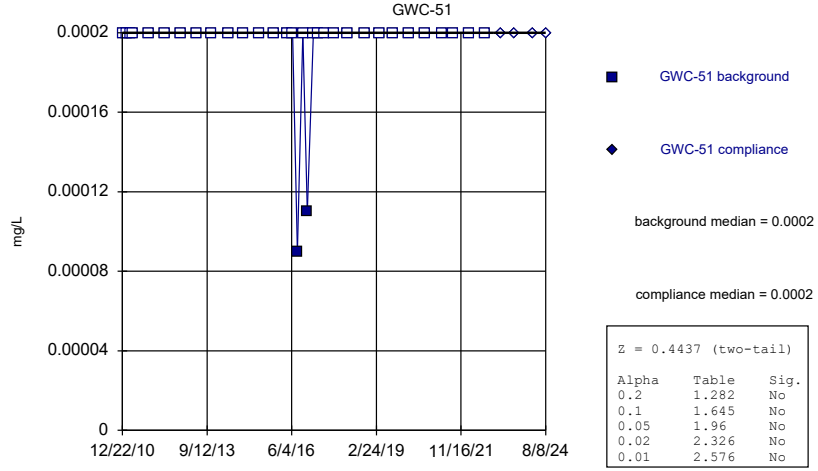
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.4437 (two-tail)

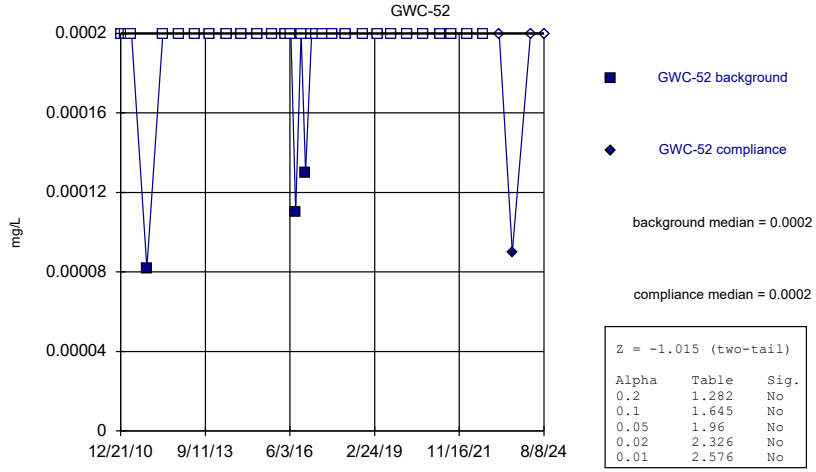
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -1.015 (two-tail)

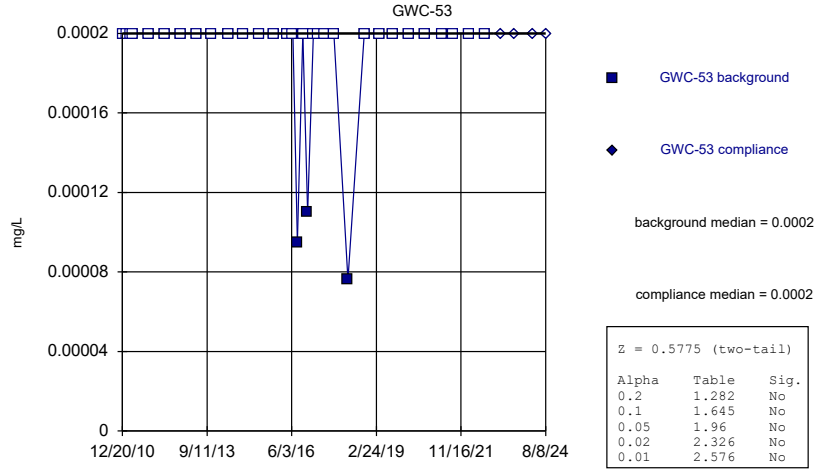
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 0.5775 (two-tail)

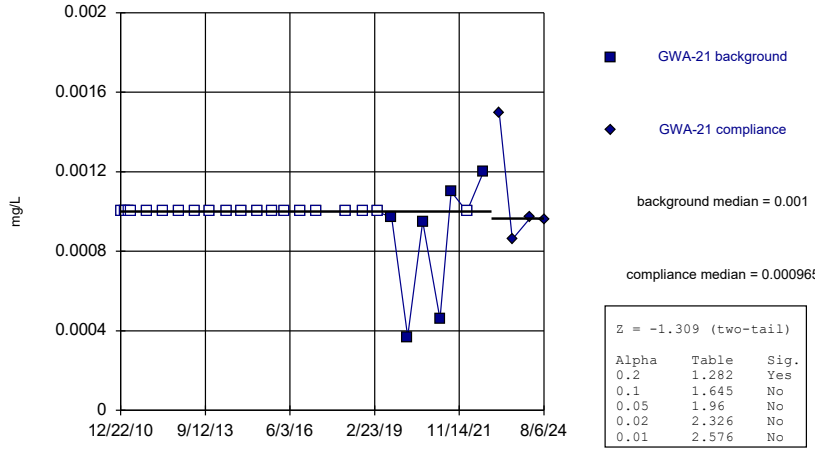
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



background median = 0.001

compliance median = 0.000965

Z = -1.309 (two-tail)

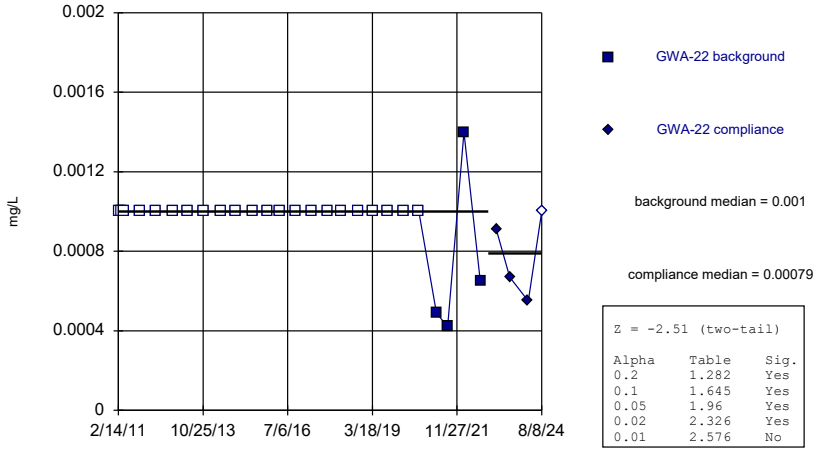
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



background median = 0.001

compliance median = 0.00079

Z = -2.51 (two-tail)

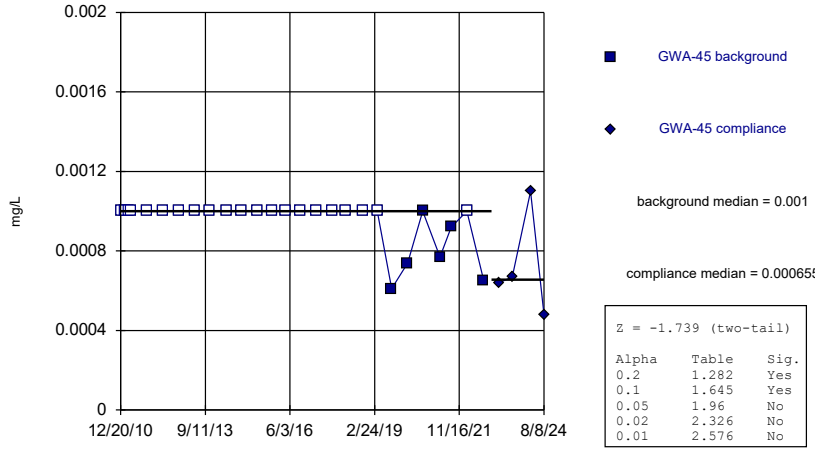
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



background median = 0.001

compliance median = 0.000655

Z = -1.739 (two-tail)

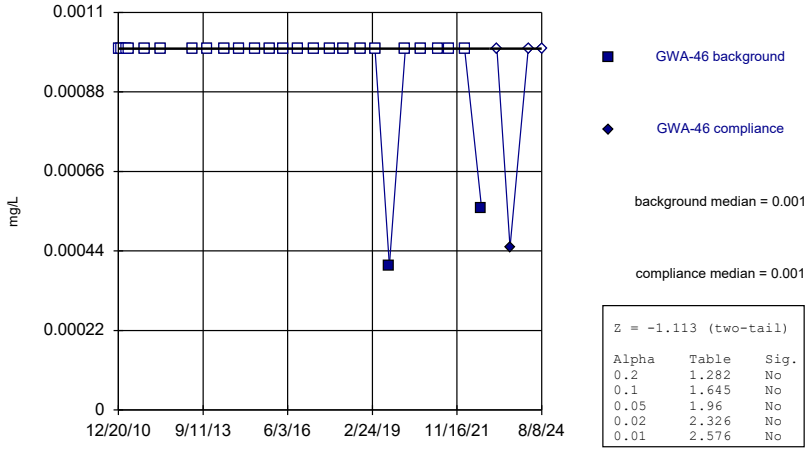
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



background median = 0.001

compliance median = 0.001

Z = -1.113 (two-tail)

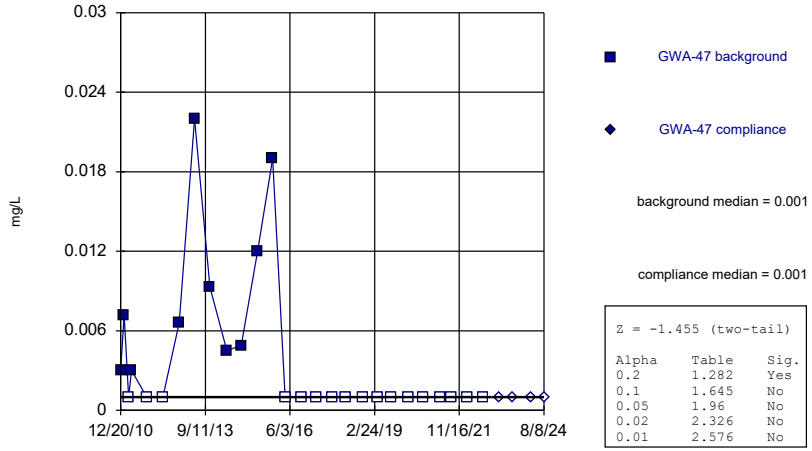
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = -1.455 (two-tail)

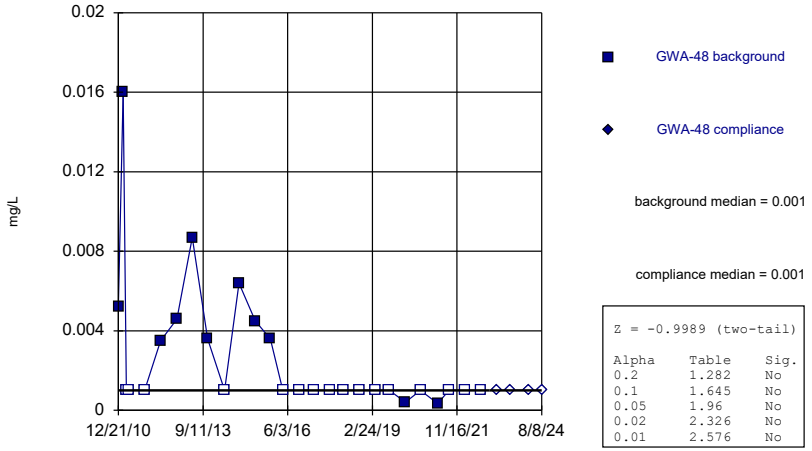
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = -0.9989 (two-tail)

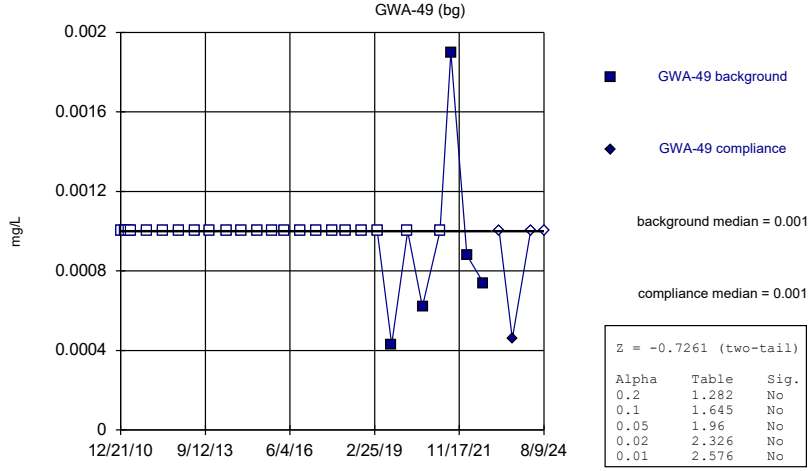
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = -0.7261 (two-tail)

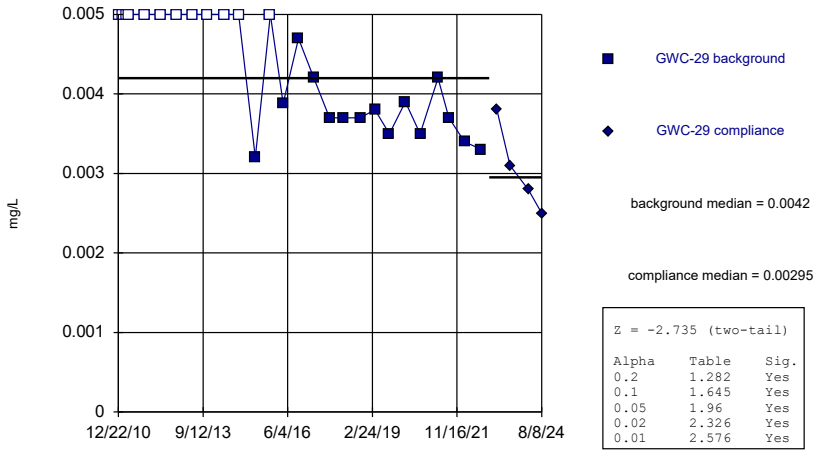
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = -2.735 (two-tail)

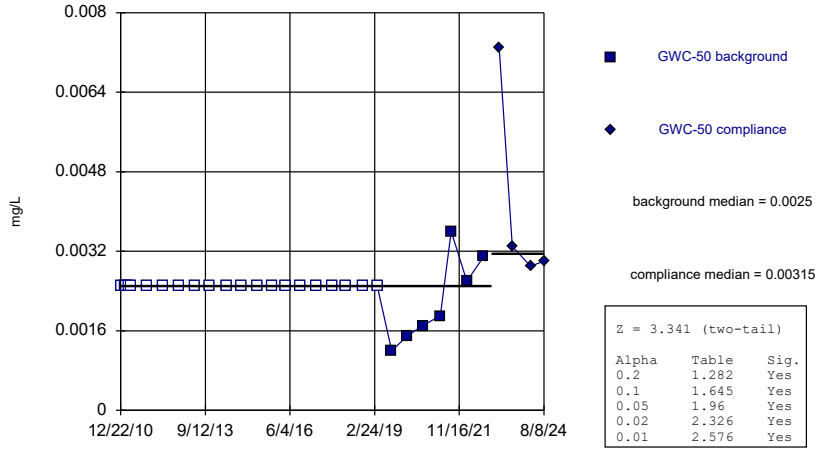
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 3.341 (two-tail)

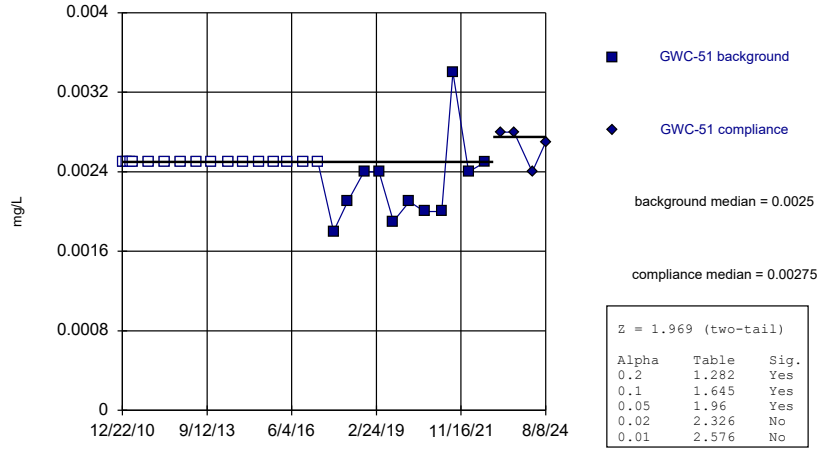
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 1.969 (two-tail)

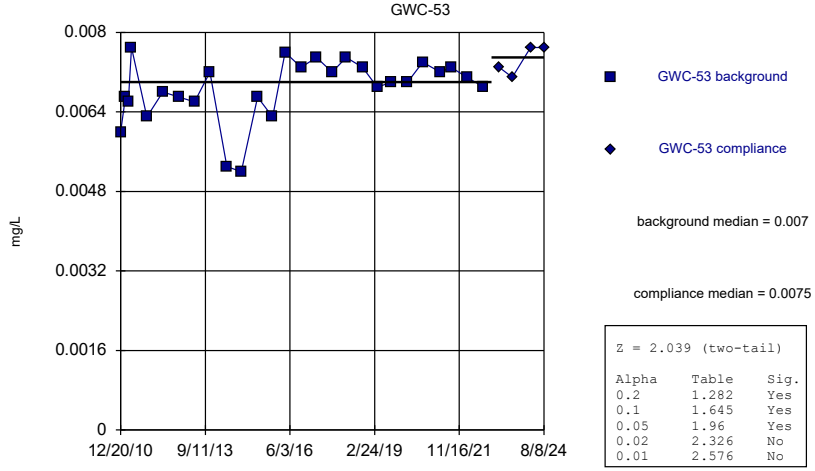
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 2.039 (two-tail)

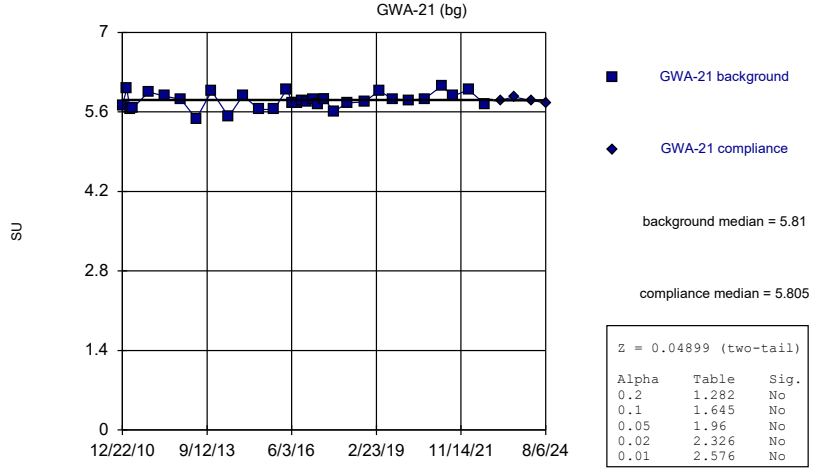
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.04899 (two-tail)

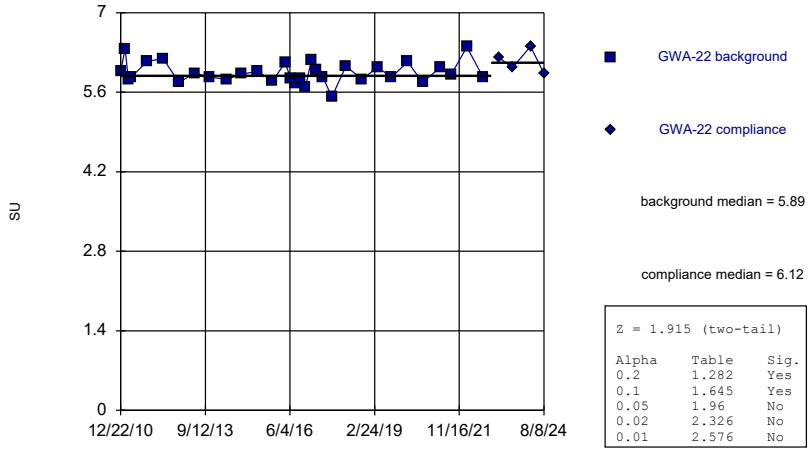
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.915 (two-tail)

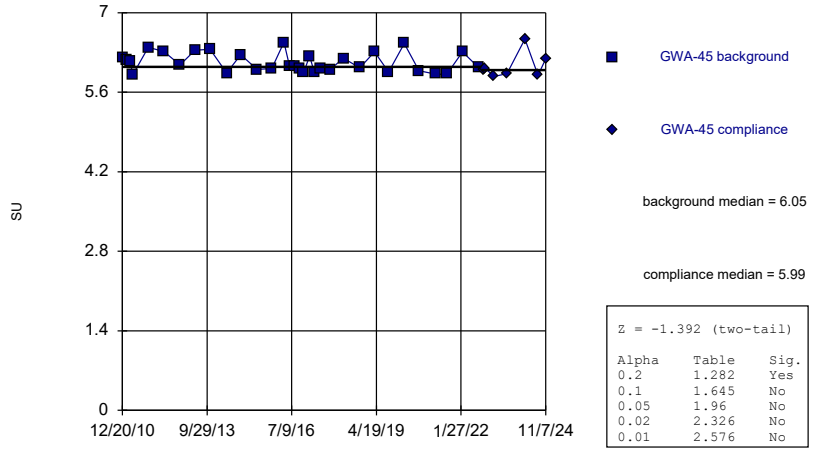
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -1.392 (two-tail)

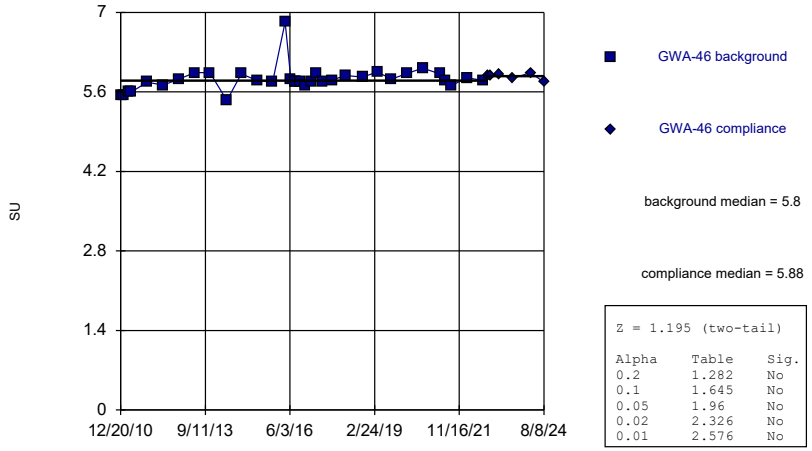
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 1.195 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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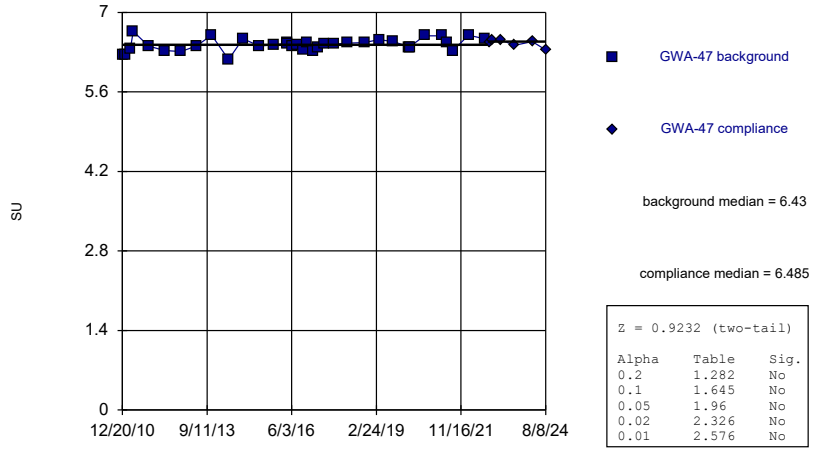
Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.9232 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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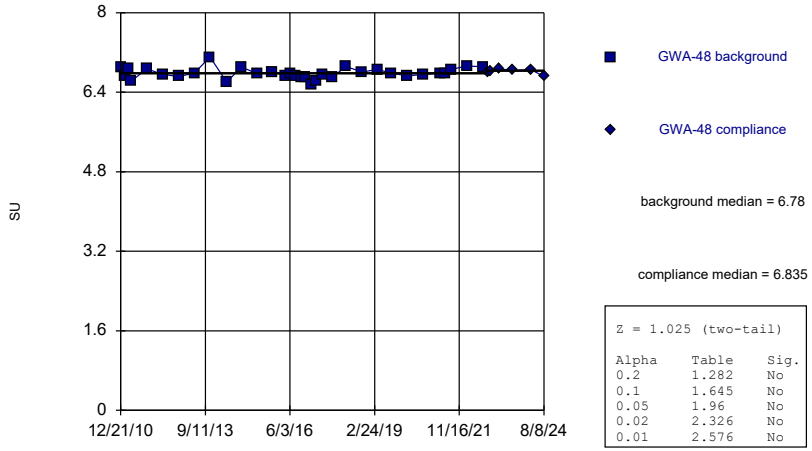
Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 1.025 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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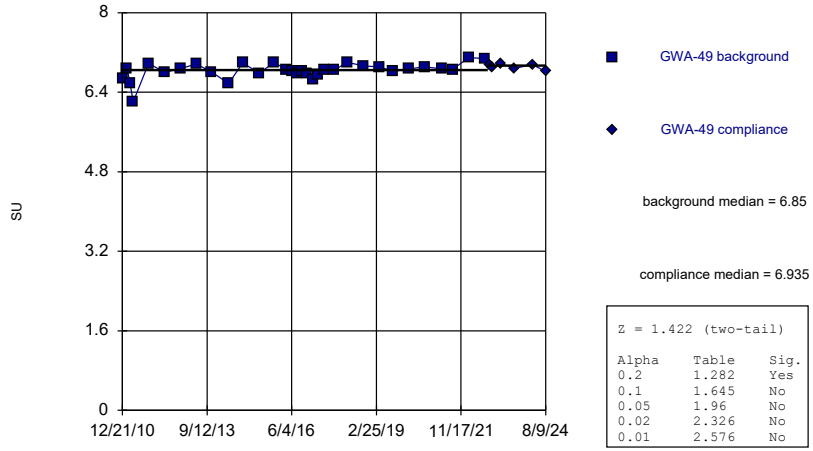
Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 1.422 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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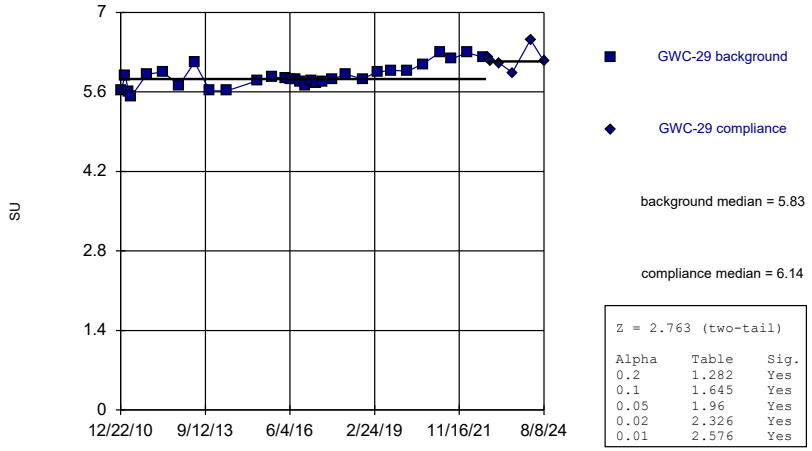
Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 2.763 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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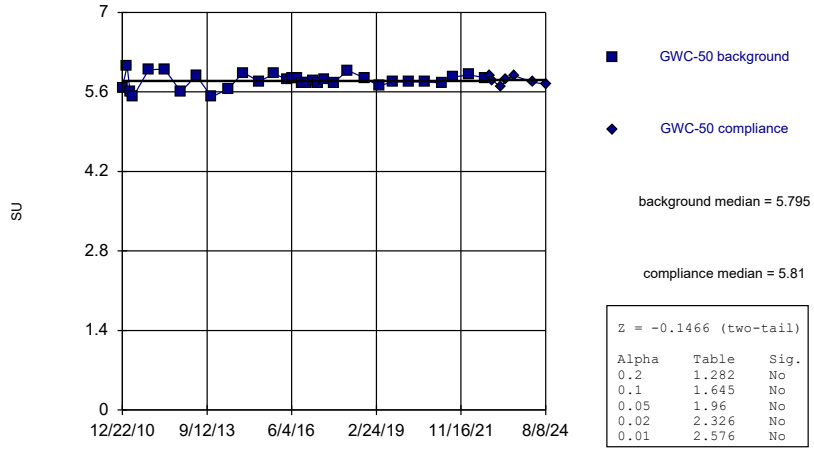
Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = -0.1466 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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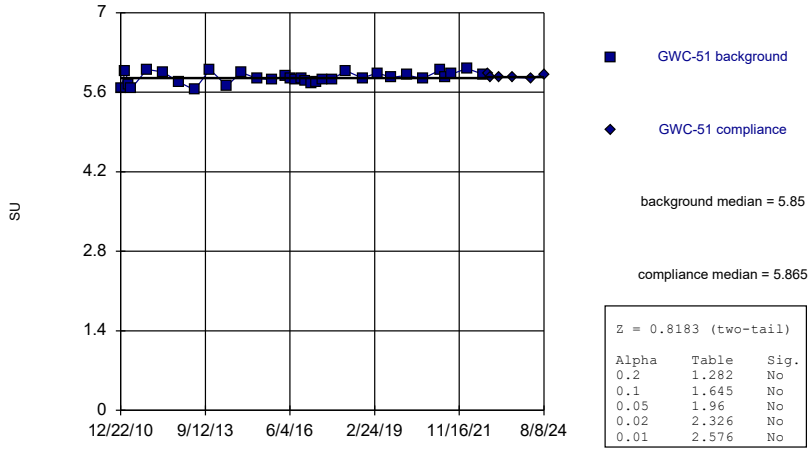
Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



background median = 5.85

compliance median = 5.865

Z = 0.8183 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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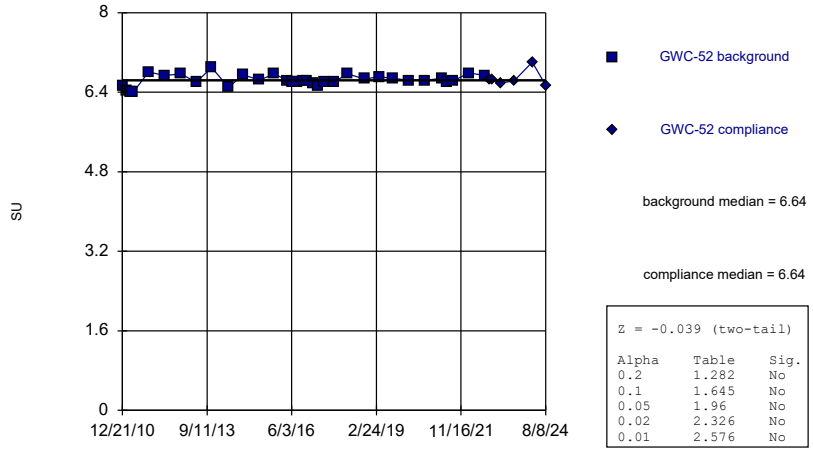
Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



background median = 6.64

compliance median = 6.64

Z = -0.039 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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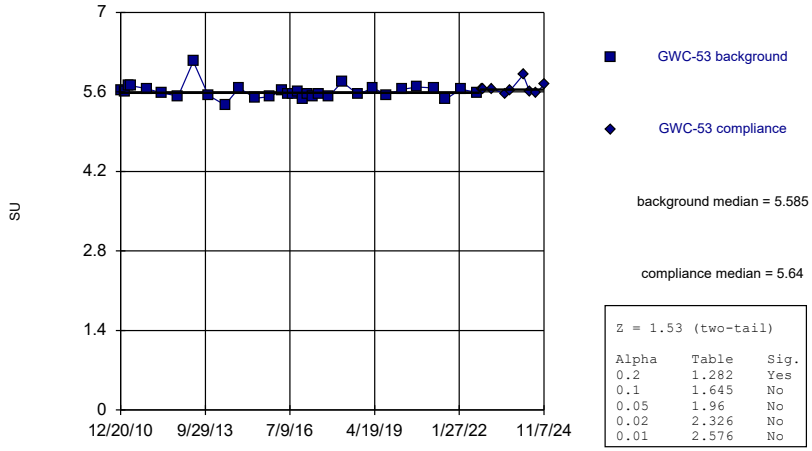
Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



background median = 5.585

compliance median = 5.64

Z = 1.53 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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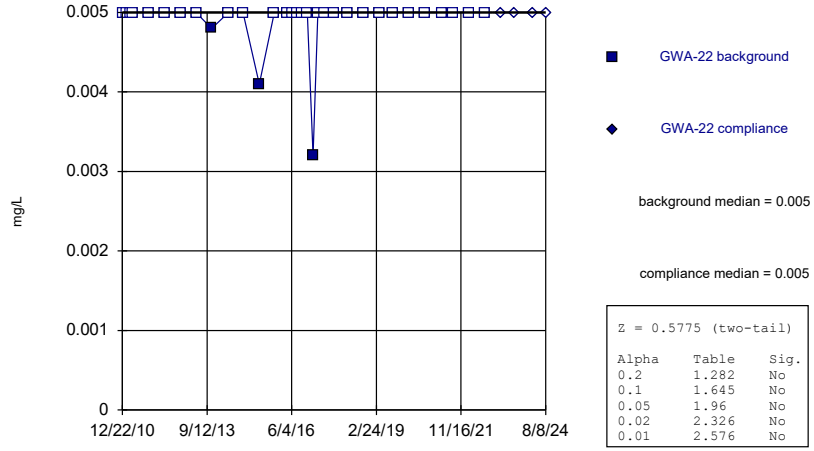
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.5775 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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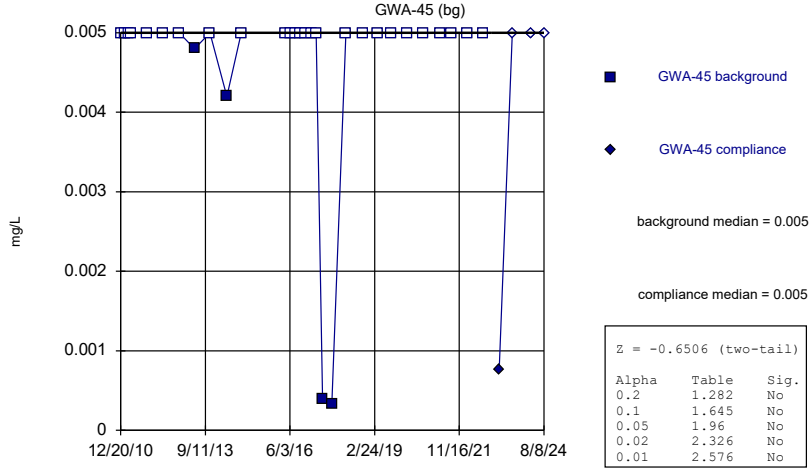
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -0.6506 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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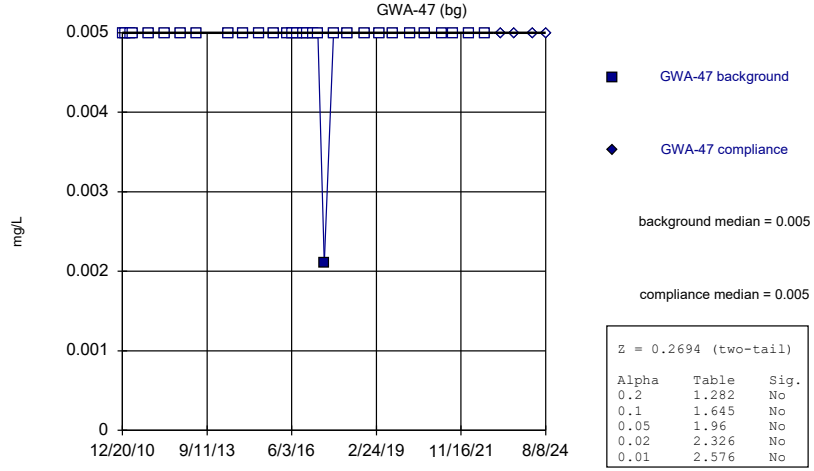
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.2694 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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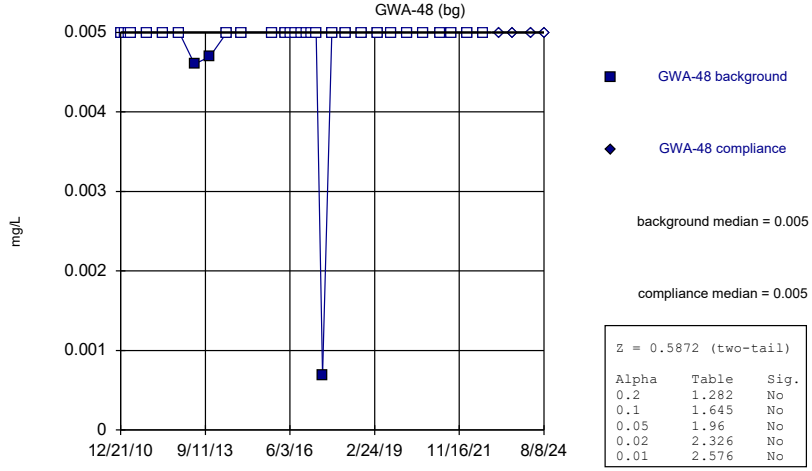
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.5872 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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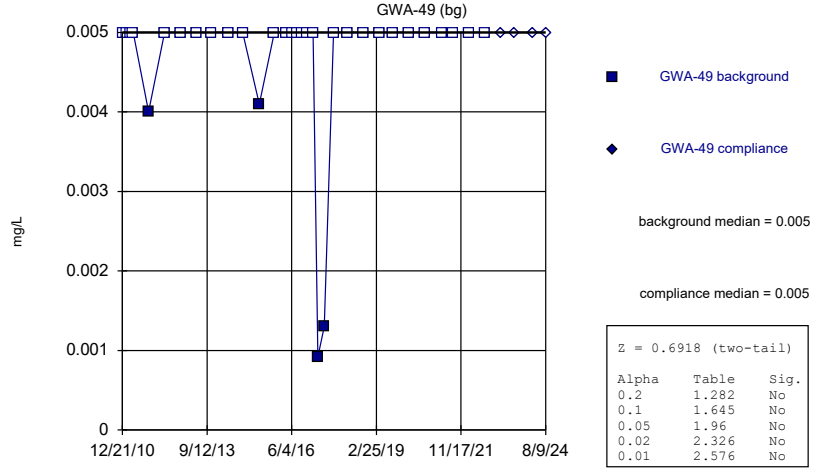
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0.6918 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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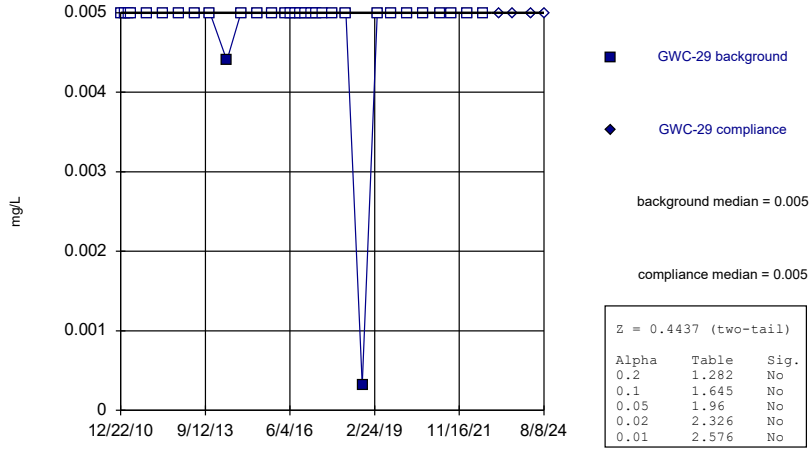
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



background median = 0.005

compliance median = 0.005

Z = 0.4437 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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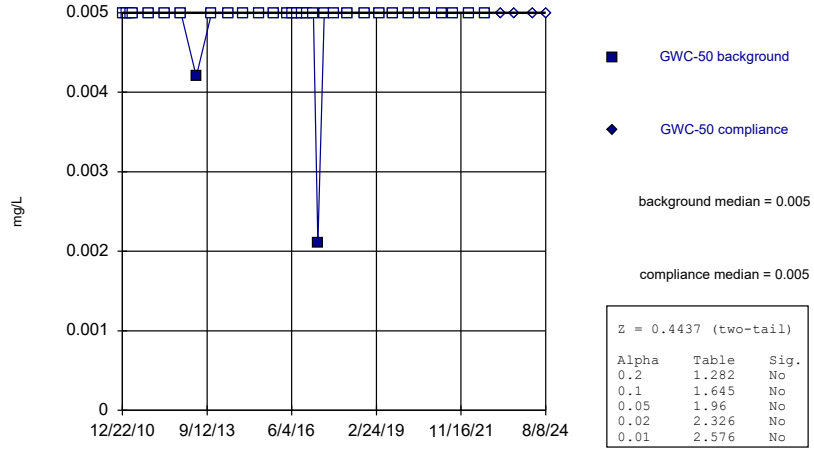
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



background median = 0.005

compliance median = 0.005

Z = 0.4437 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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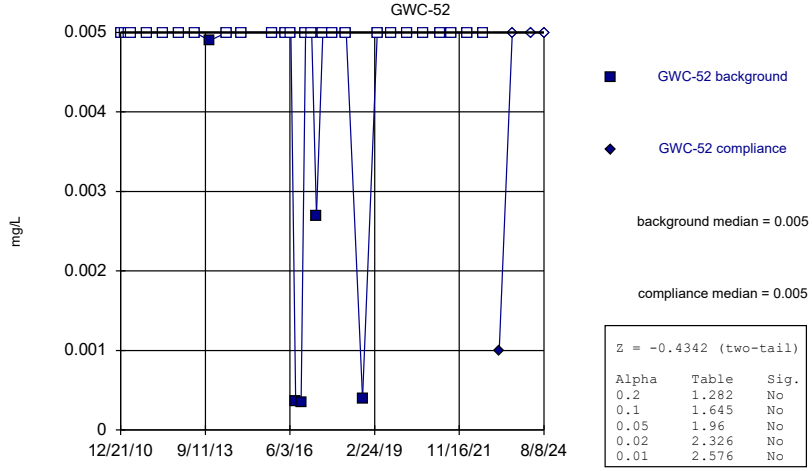
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



background median = 0.005

compliance median = 0.005

Z = -0.4342 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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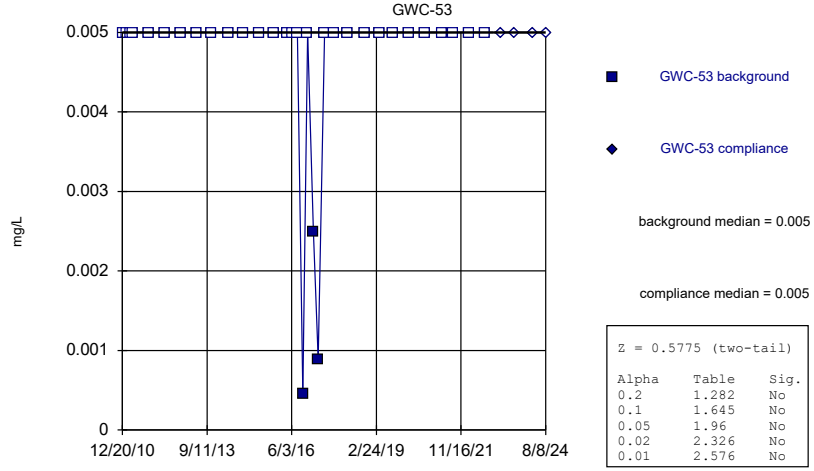
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



background median = 0.005

compliance median = 0.005

Z = 0.5775 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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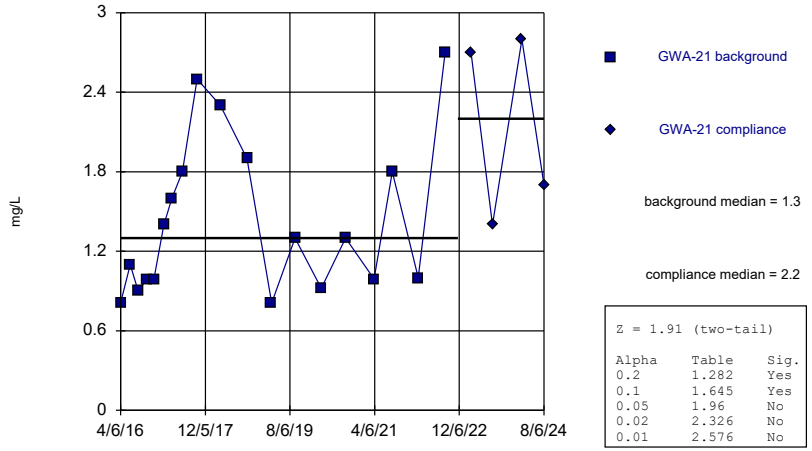
Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 1.91 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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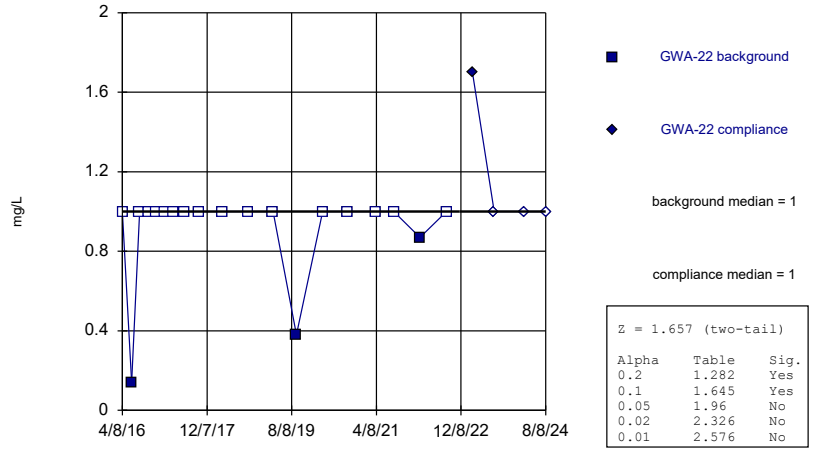
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.657 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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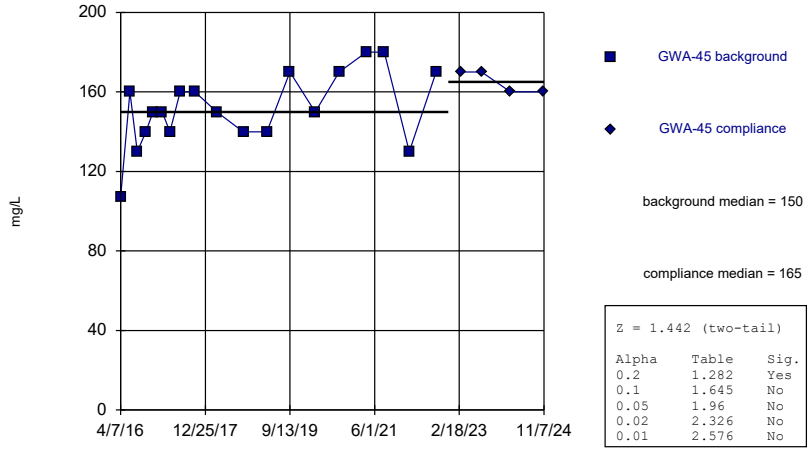
Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 1.442 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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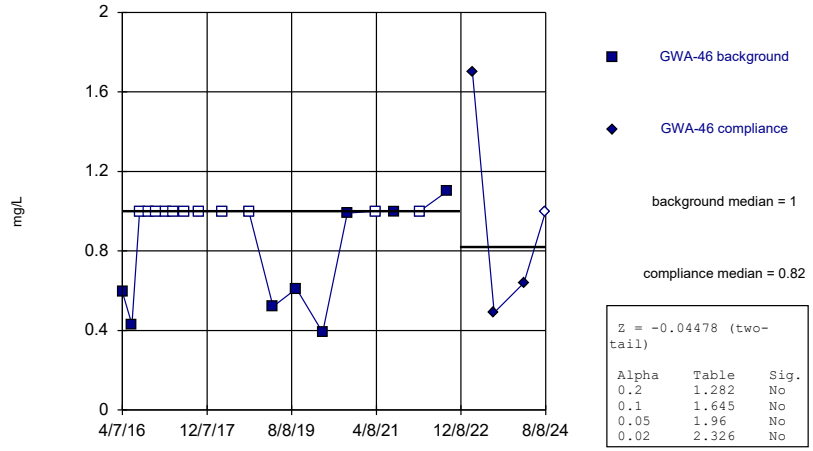
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = -0.04478 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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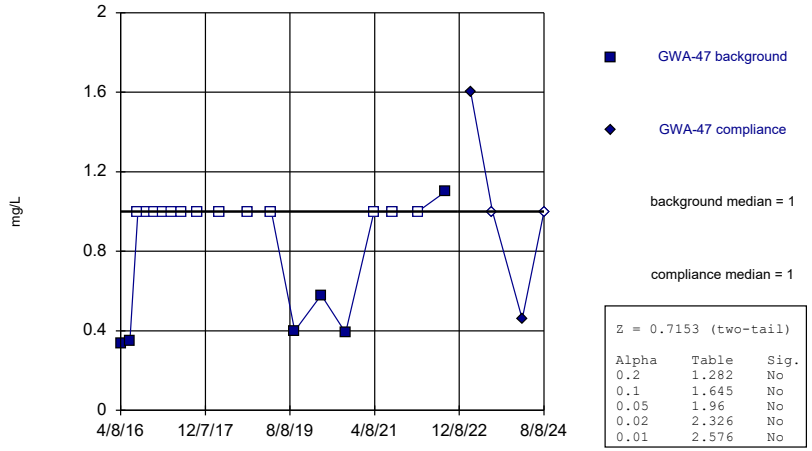
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.7153 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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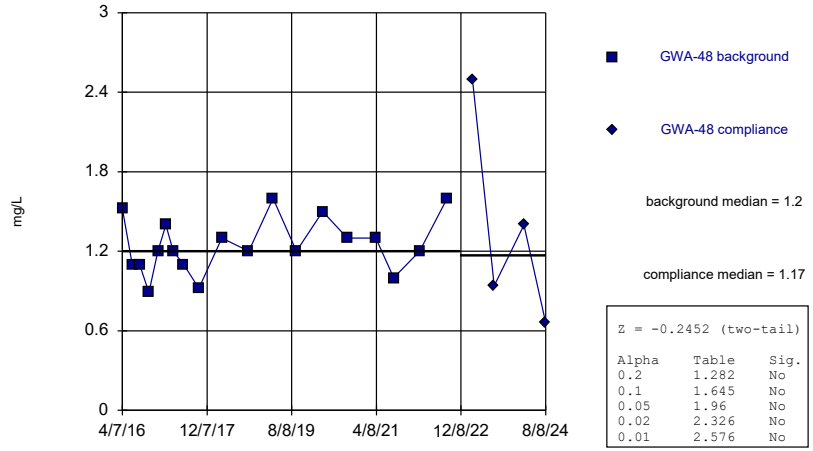
Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = -0.2452 (two-tail)

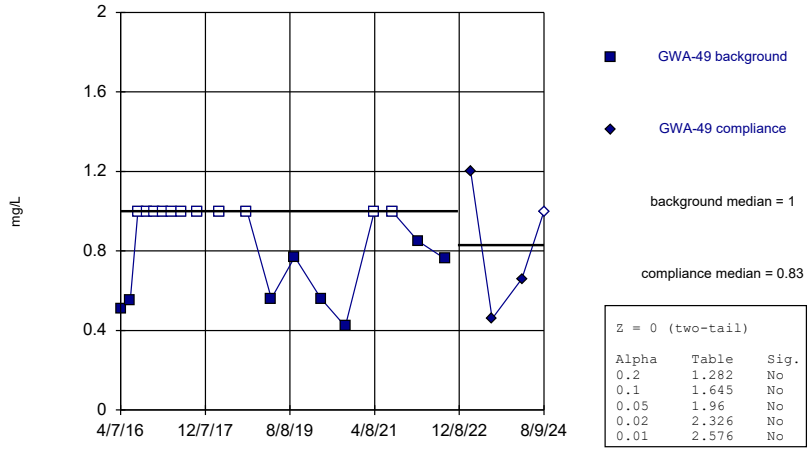
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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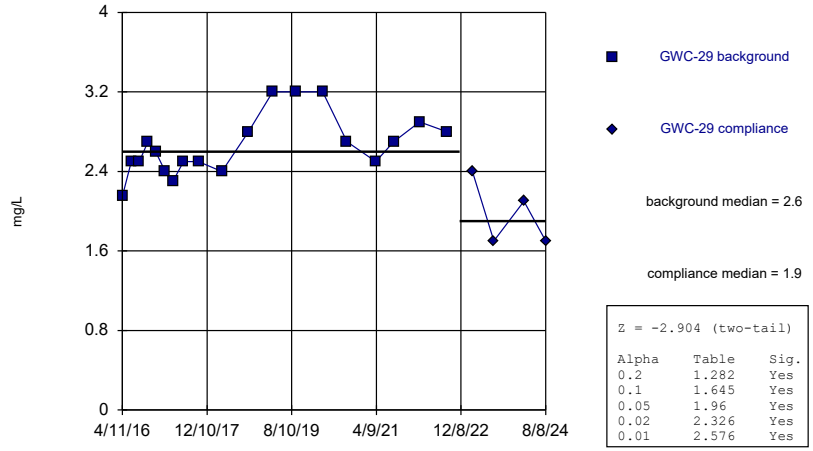
Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = -2.904 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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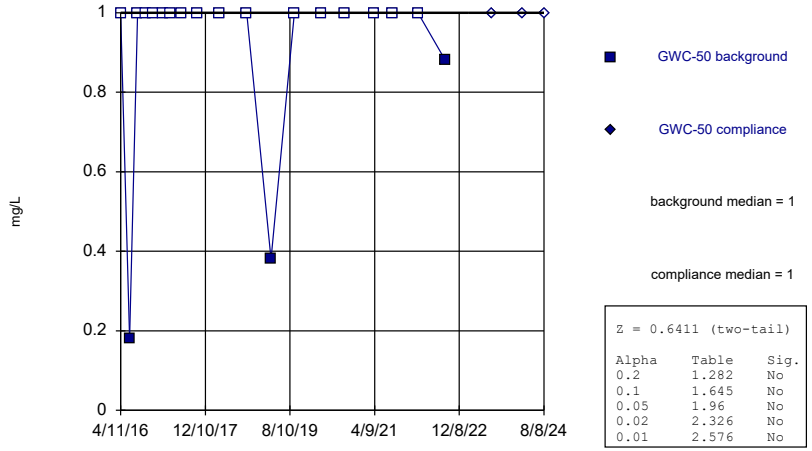
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.6411 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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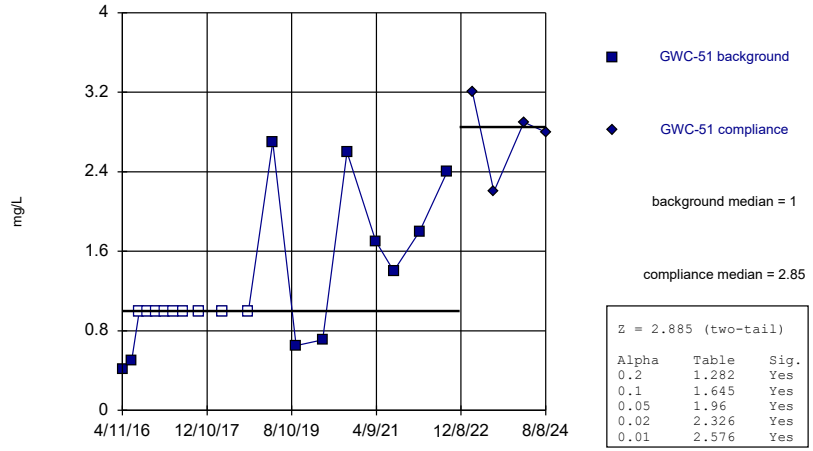
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 2.885 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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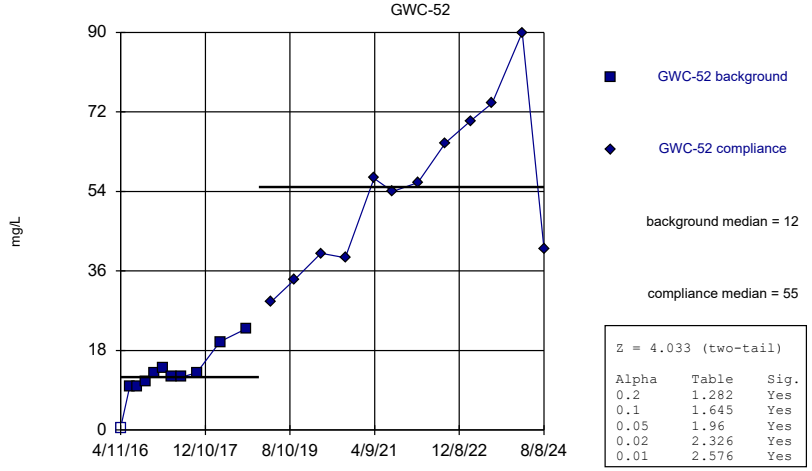
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 4.033 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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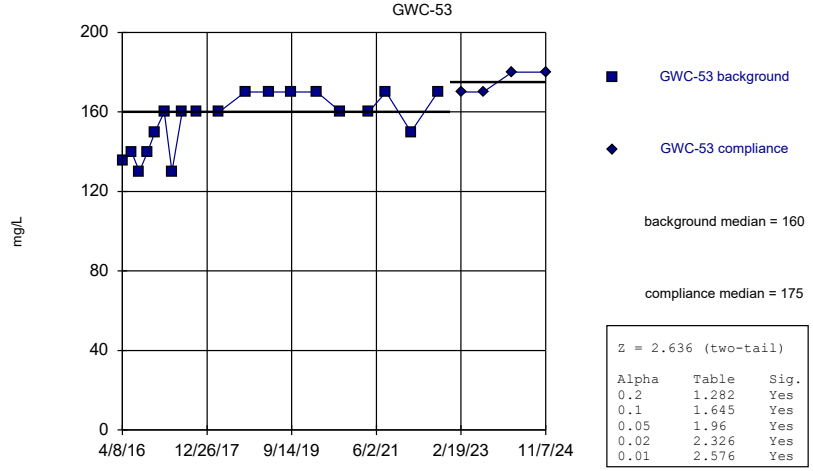
Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 2.636 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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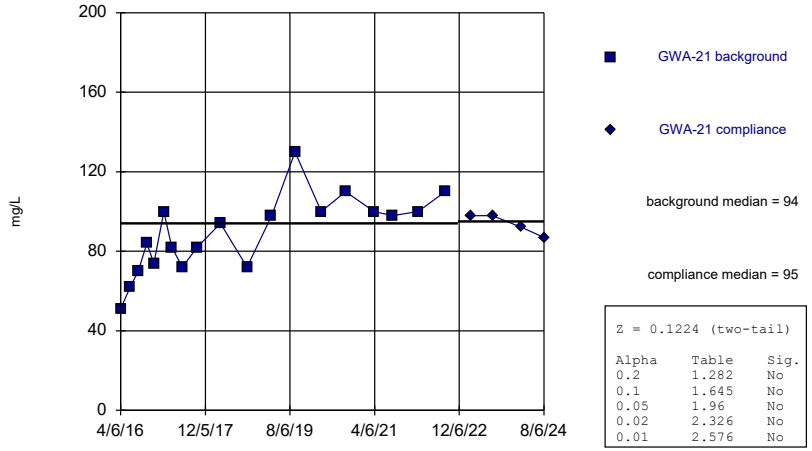
Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.1224 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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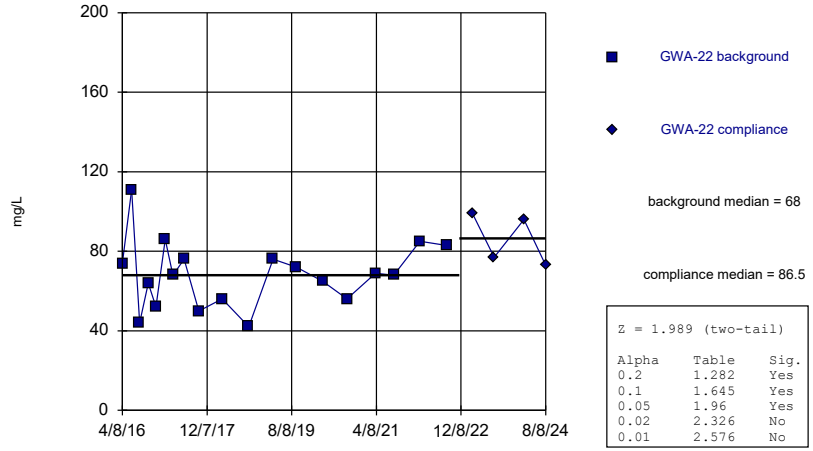
Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.989 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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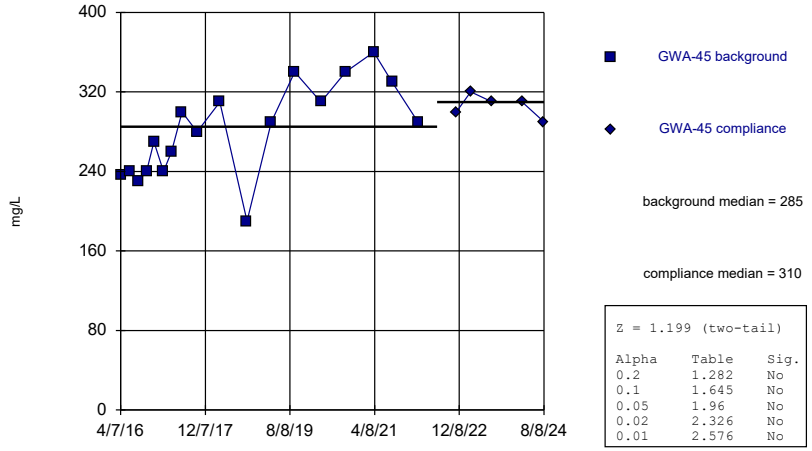
Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 1.199 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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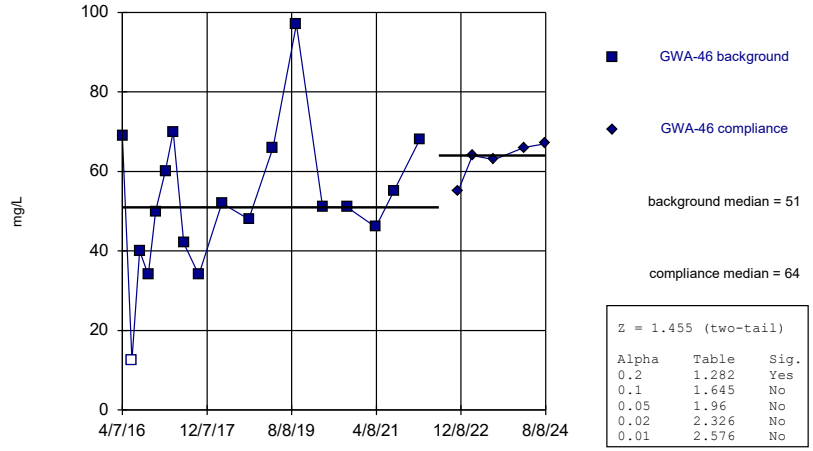
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 1.455 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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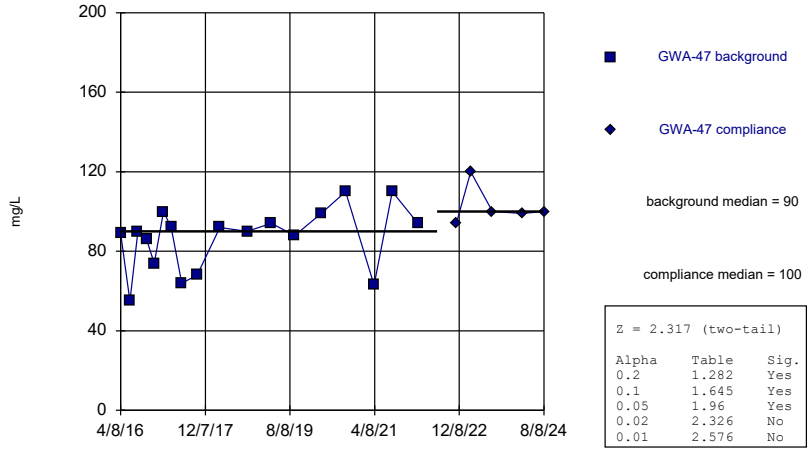
Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 2.317 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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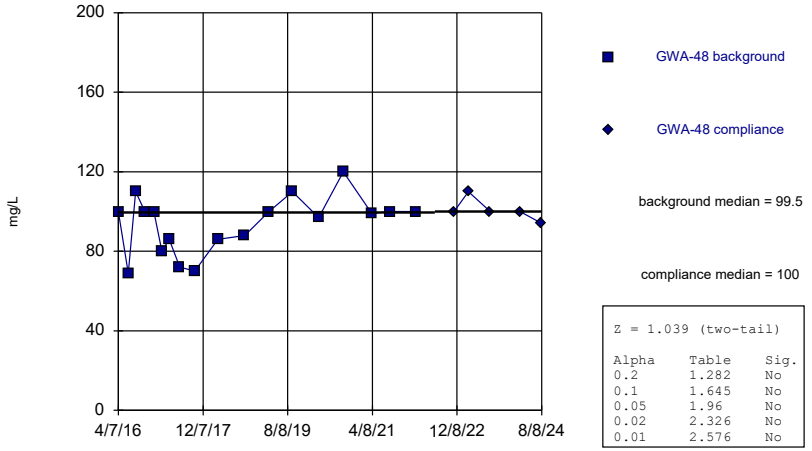
Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 1.039 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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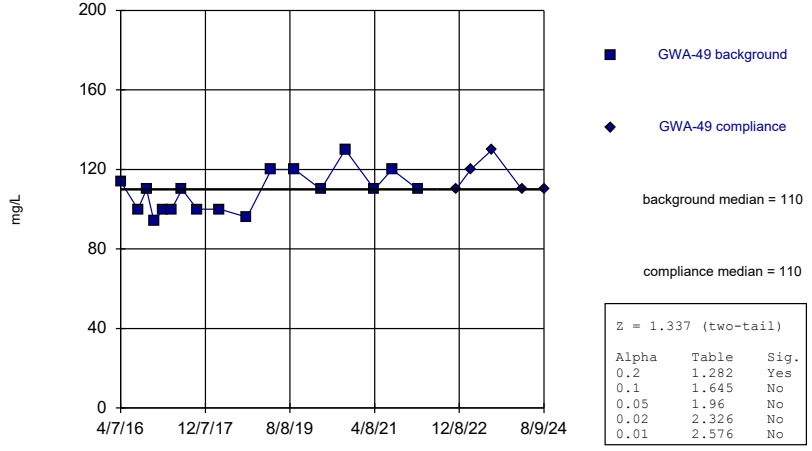
Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 1.337 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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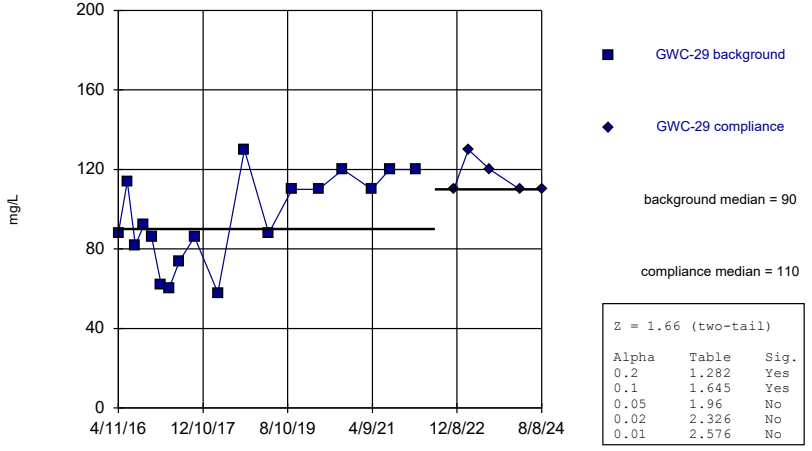
Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 1.66 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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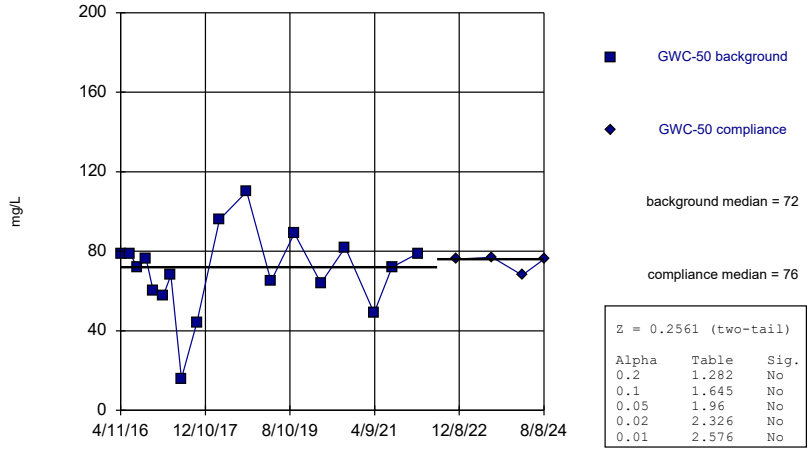
Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.2561 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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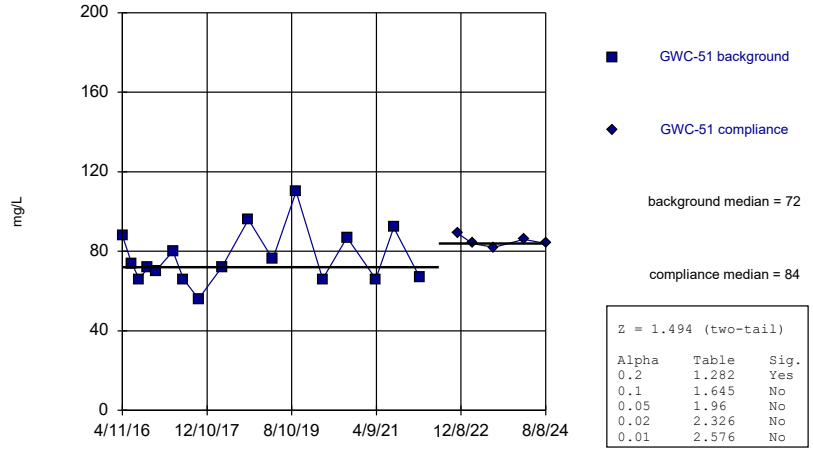
Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 1.494 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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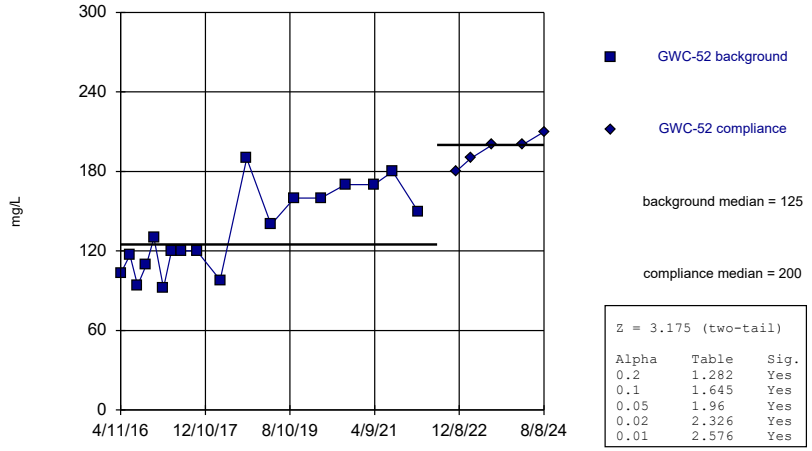
Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 3.175 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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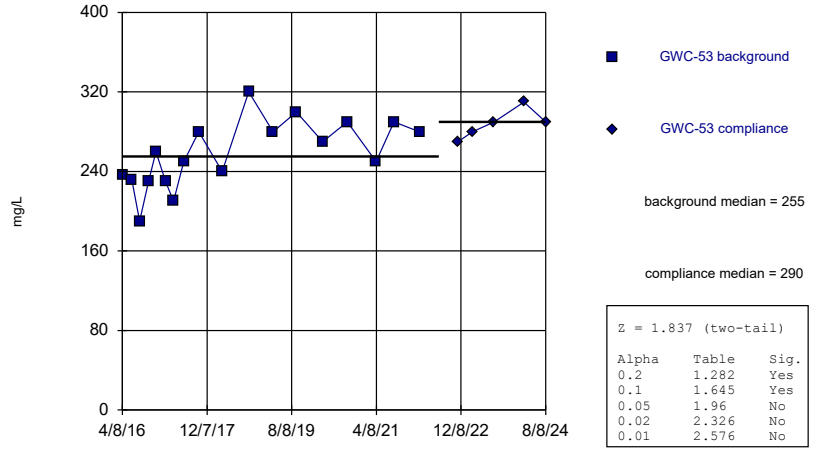
Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 1.837 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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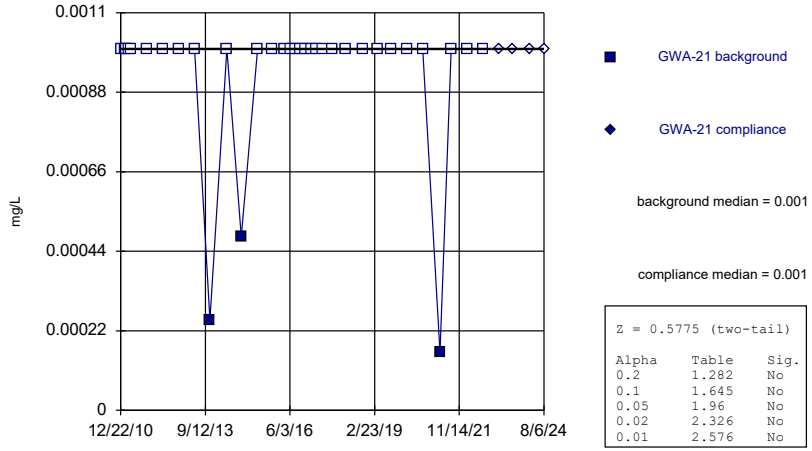
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.5775 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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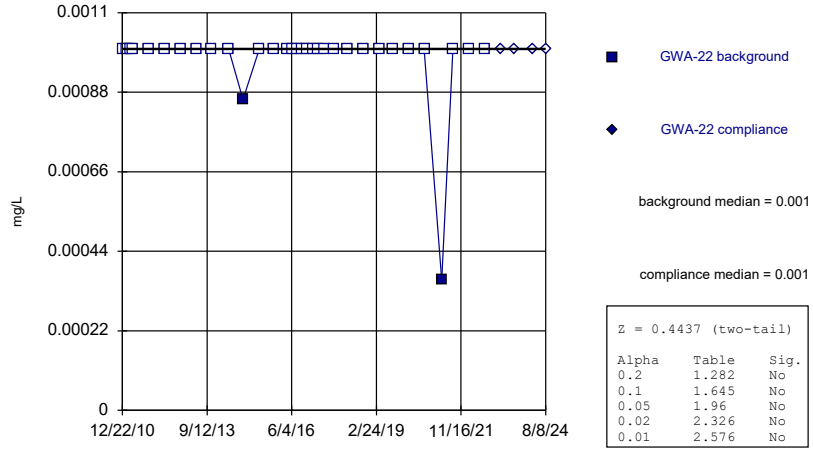
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.4437 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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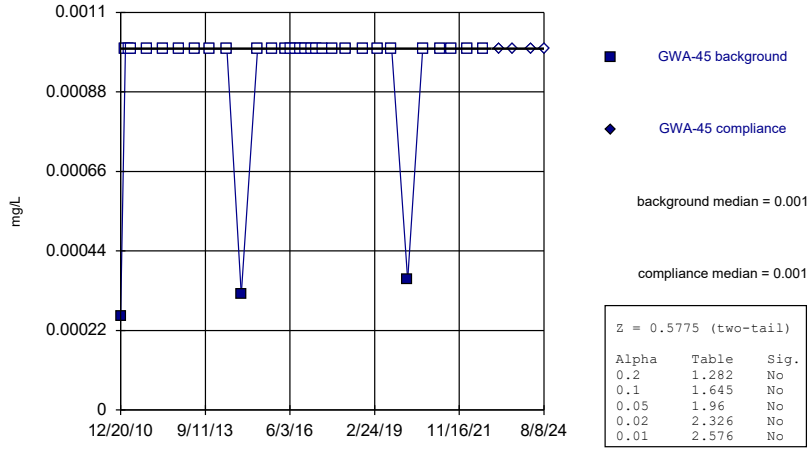
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 0.5775 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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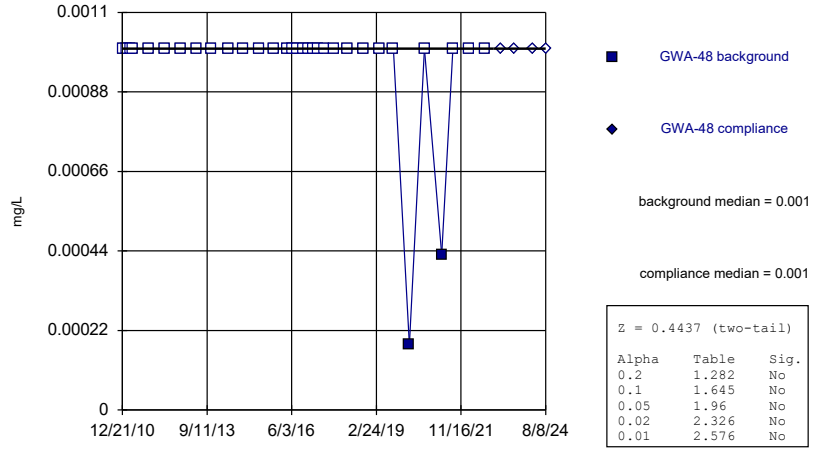
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.4437 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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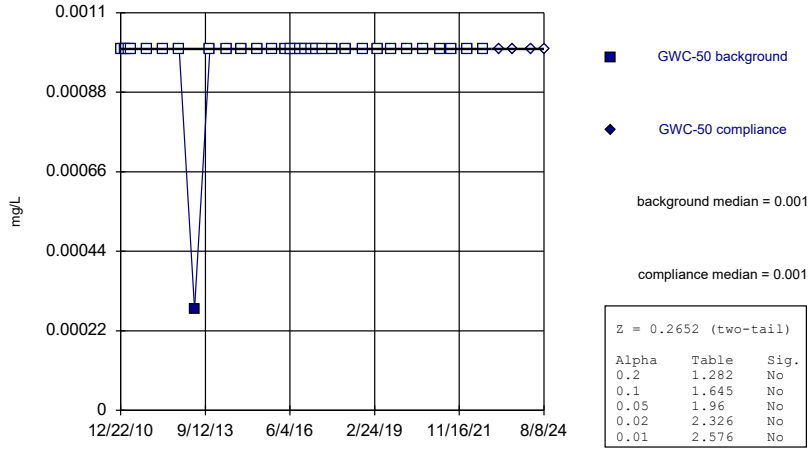
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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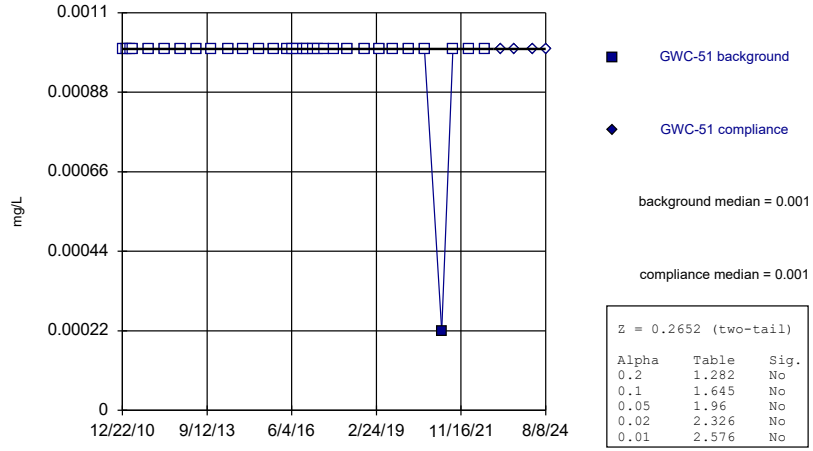
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2652 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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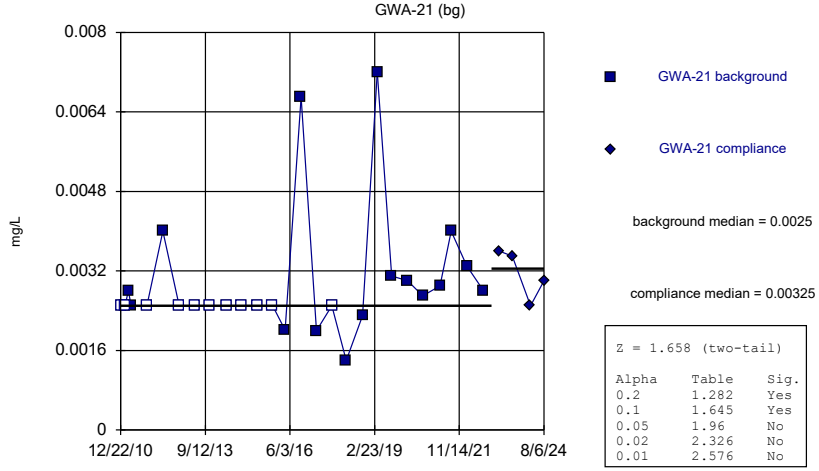
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 1.658 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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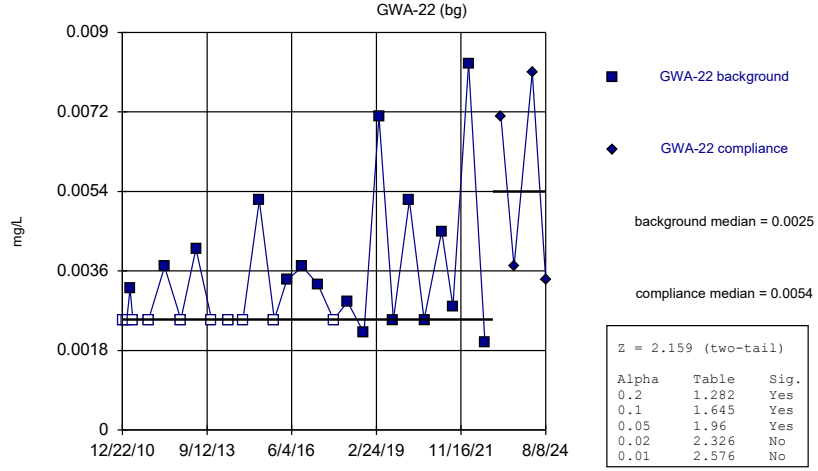
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 2.159 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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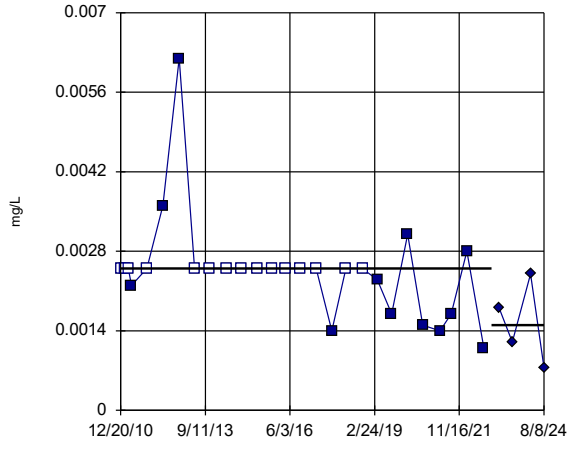
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



GWA-45 background

GWA-45 compliance

background median = 0.0025

compliance median = 0.0015

Z = -2.472 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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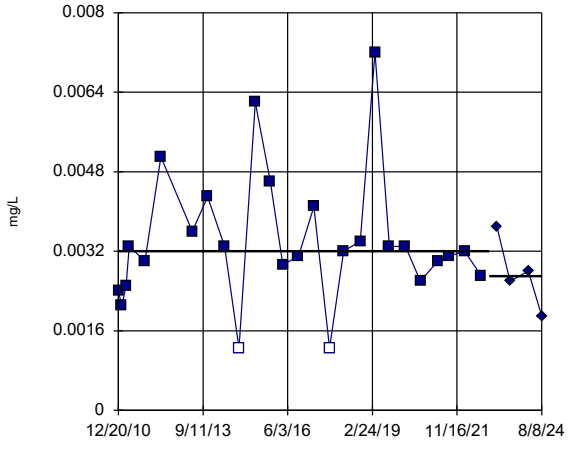
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



GWA-46 background

GWA-46 compliance

background median = 0.0032

compliance median = 0.0027

Z = -1.1 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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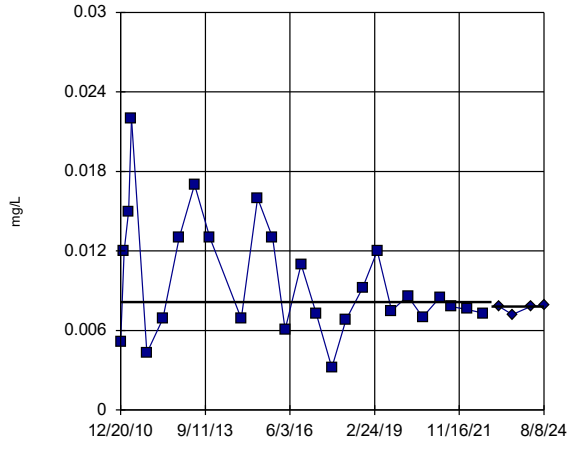
Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



GWA-47 background

GWA-47 compliance

background median = 0.00815

compliance median = 0.0078

Z = -0.397 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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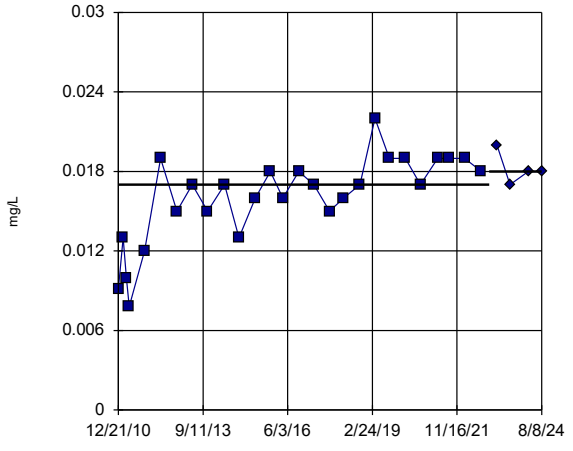
Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



GWA-48 background

GWA-48 compliance

background median = 0.017

compliance median = 0.018

Z = 1.369 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

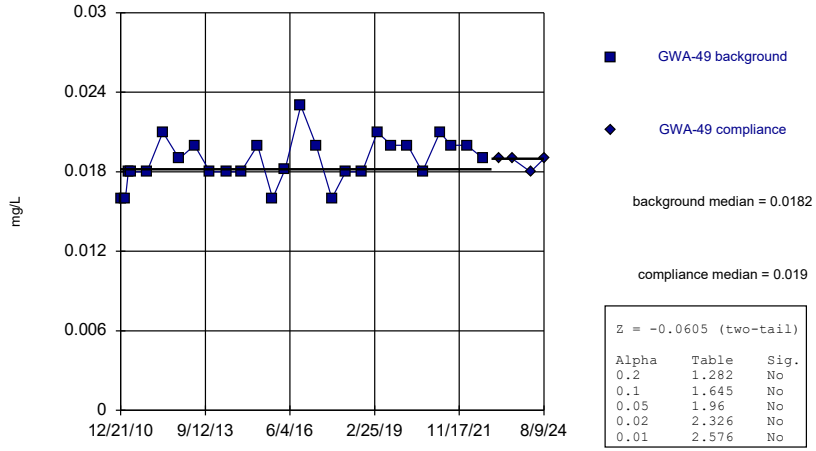
Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



background median = 0.0182

compliance median = 0.019

Z = -0.0605 (two-tail)

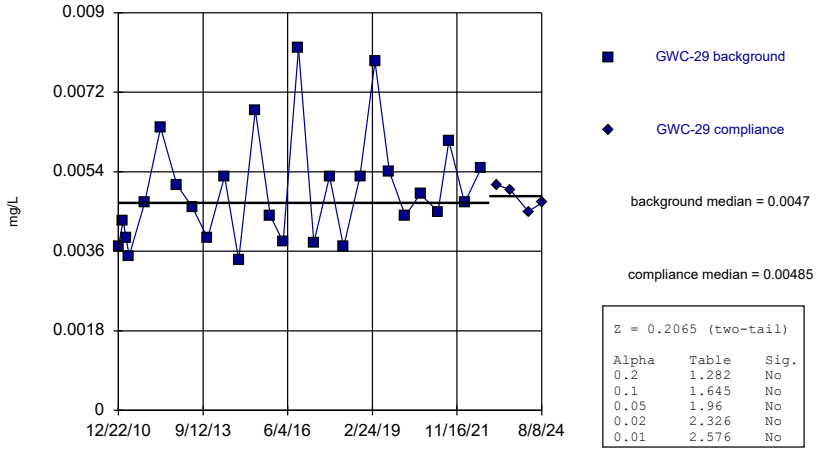
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



background median = 0.0047

compliance median = 0.00485

Z = 0.2065 (two-tail)

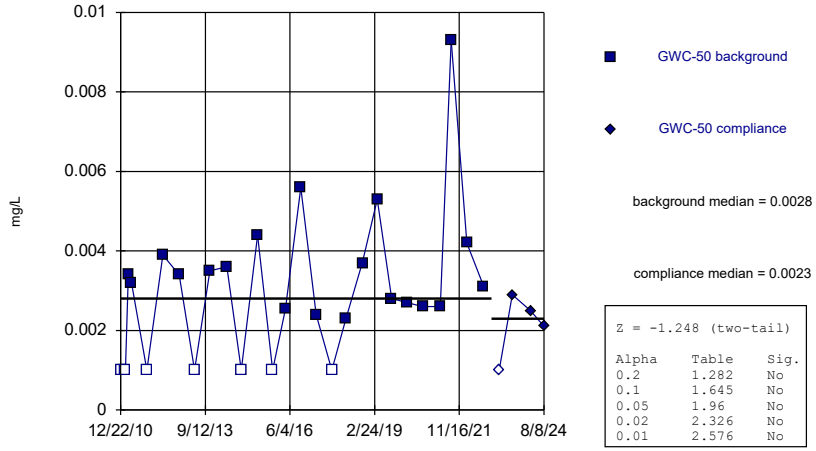
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



background median = 0.0028

compliance median = 0.0023

Z = -1.248 (two-tail)

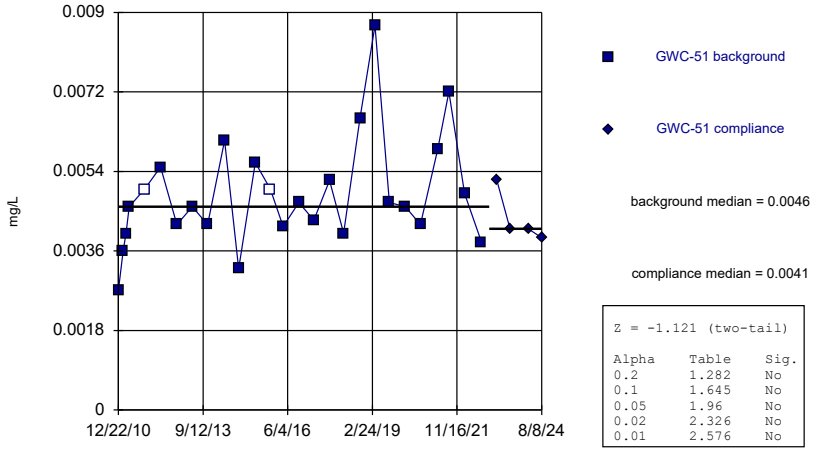
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



background median = 0.0046

compliance median = 0.0041

Z = -1.121 (two-tail)

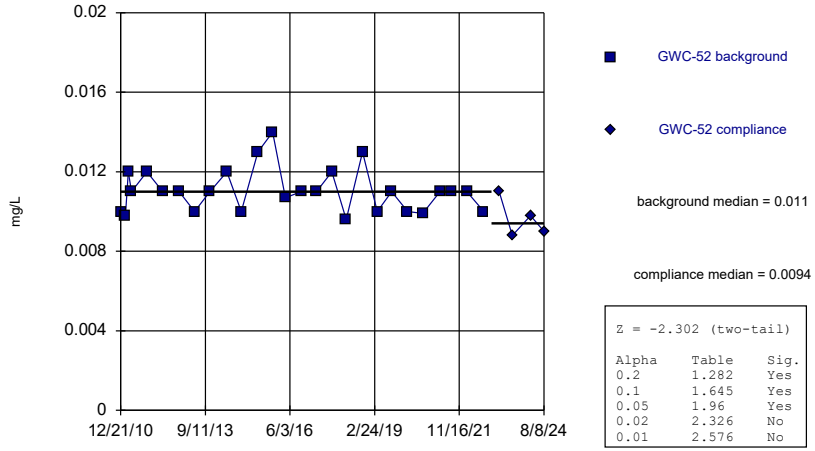
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -2.302 (two-tail)

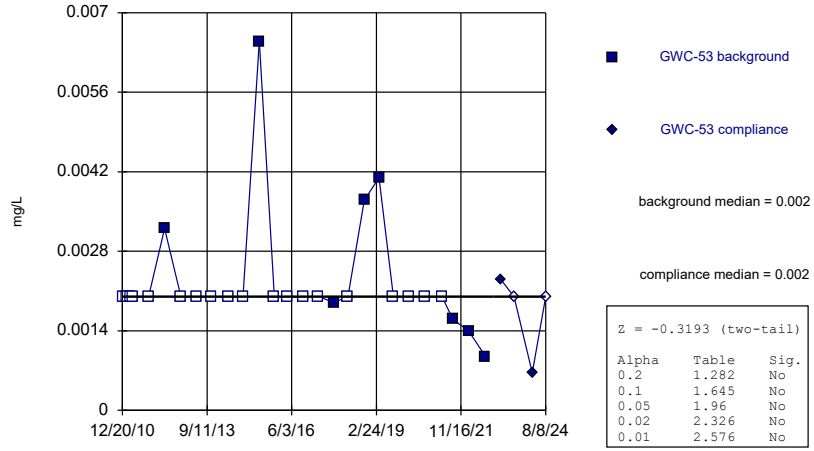
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = -0.3193 (two-tail)

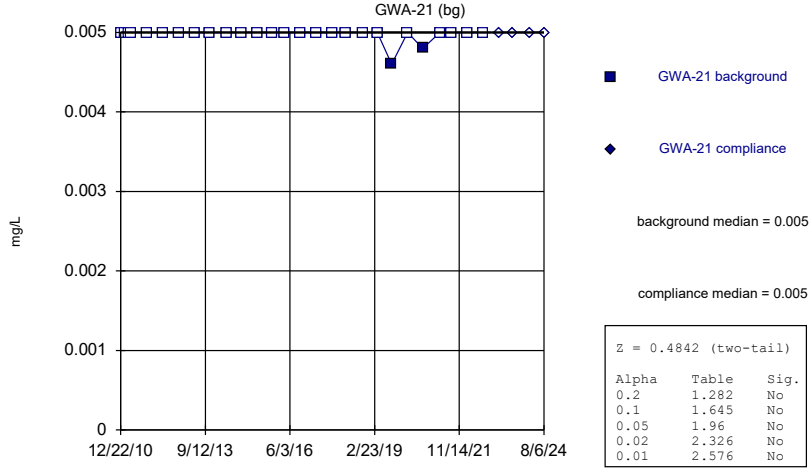
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.4842 (two-tail)

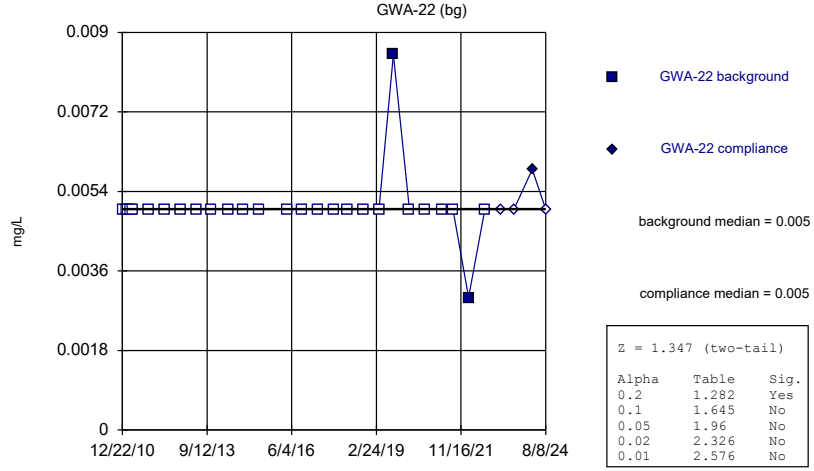
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.347 (two-tail)

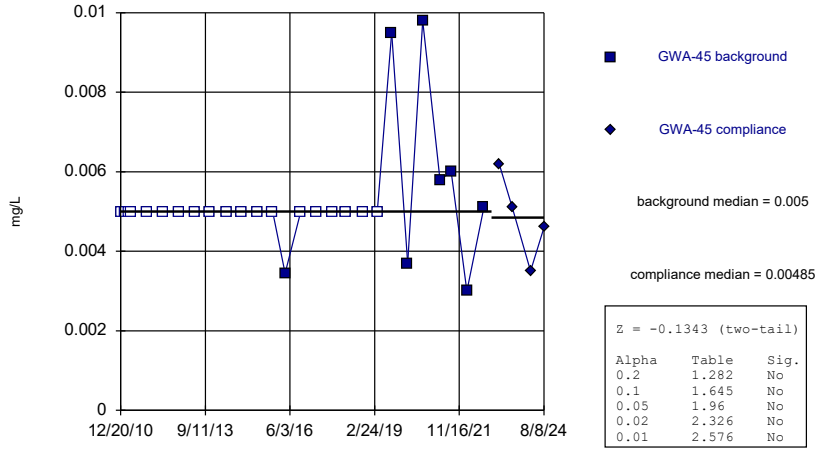
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -0.1343 (two-tail)

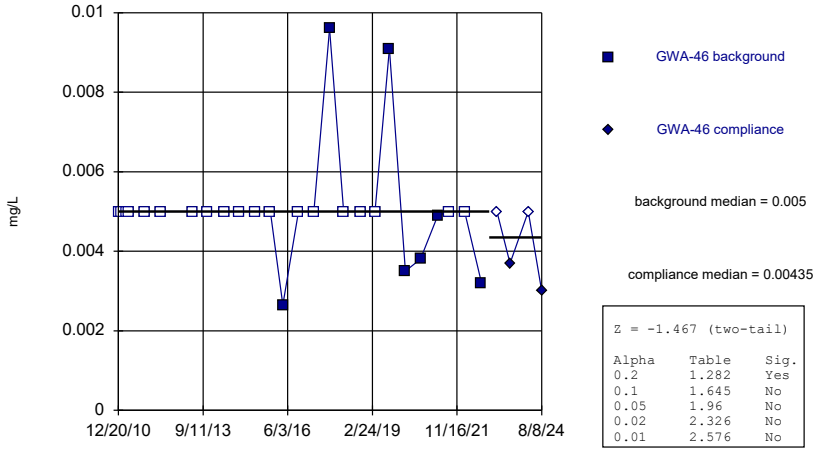
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = -1.467 (two-tail)

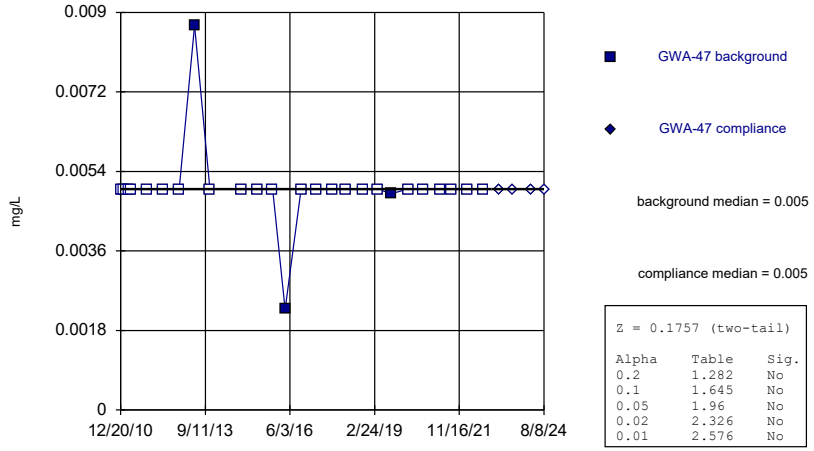
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.1757 (two-tail)

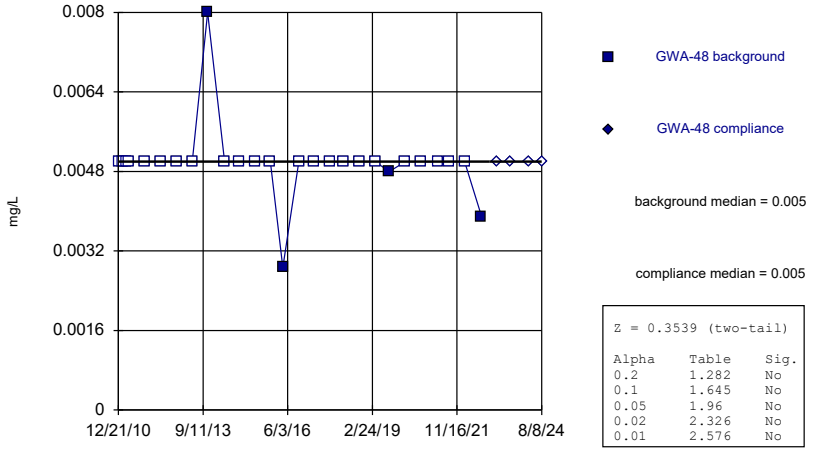
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.3539 (two-tail)

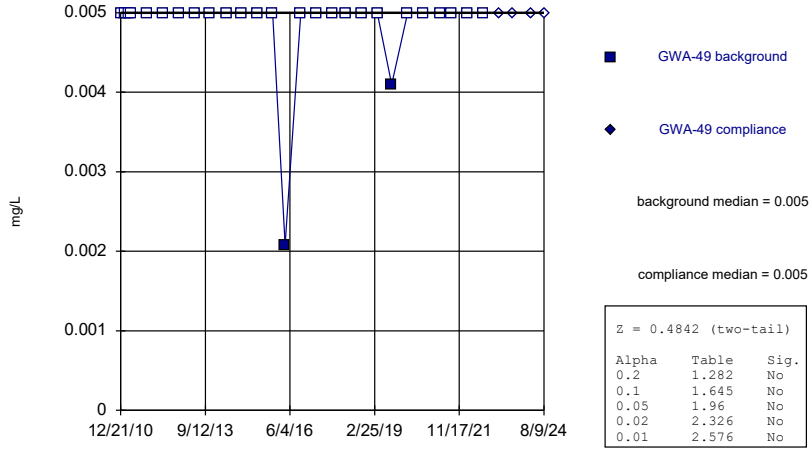
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.4842 (two-tail)

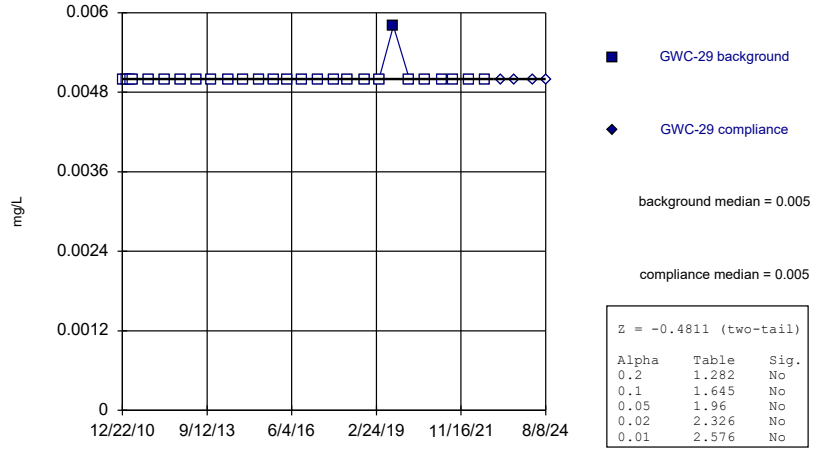
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



background median = 0.005

compliance median = 0.005

Z = -0.4811 (two-tail)

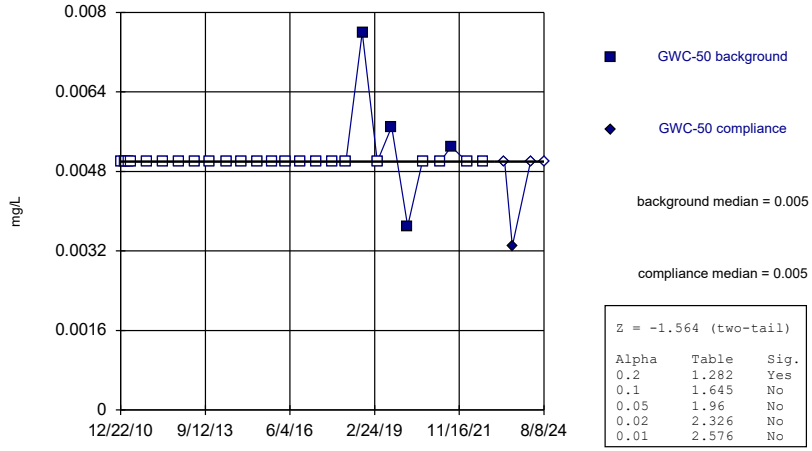
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



background median = 0.005

compliance median = 0.005

Z = -1.564 (two-tail)

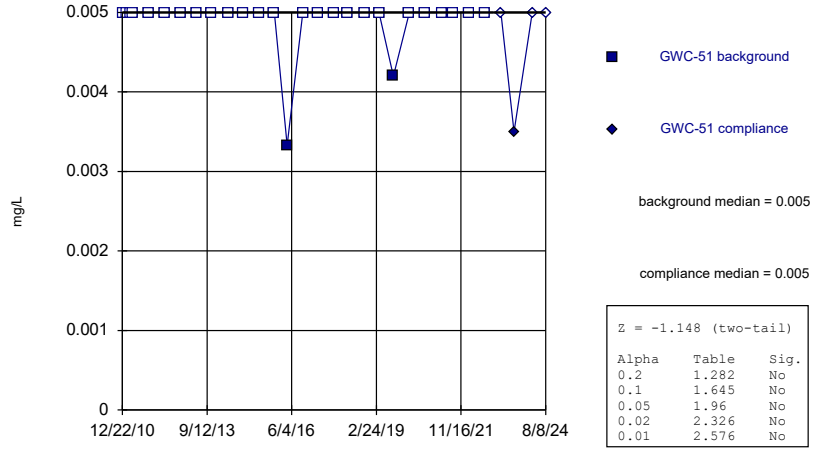
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



background median = 0.005

compliance median = 0.005

Z = -1.148 (two-tail)

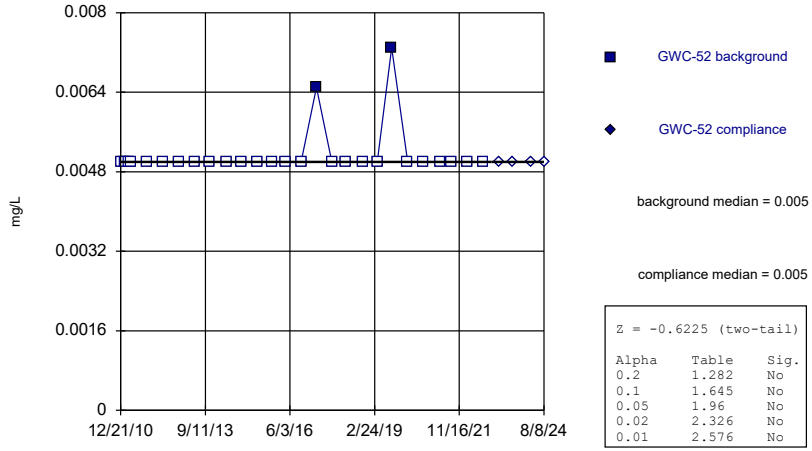
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -0.6225 (two-tail)

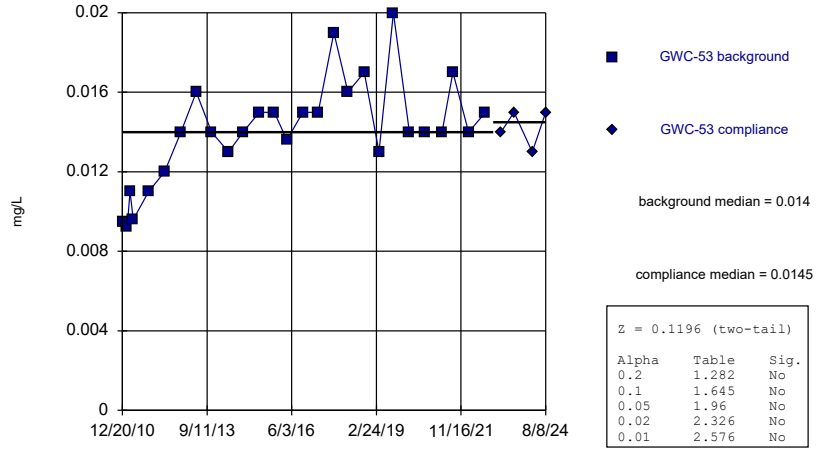
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 0.1196 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	<0.002	
11/13/2015	<0.002	
4/6/2016	<0.002	
6/14/2016	<0.002	
8/10/2016	0.001 (J)	
10/11/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023		<0.002
8/2/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.002	
2/1/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	<0.002	
11/13/2015	<0.002	
4/7/2016	<0.002	
6/14/2016	0.0004 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/23/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.002	
2/1/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/8/2016	<0.002	
6/14/2016	<0.002	
8/9/2016	<0.002	
10/11/2016	<0.002	
12/5/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00059 (JB)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.002	
2/14/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
6/17/2016	<0.002	
8/10/2016	<0.002	
10/14/2016	<0.002	
12/19/2016	<0.002	
2/13/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00089 (JB)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	<0.002	
8/10/2016	<0.002	
10/13/2016	<0.002	
12/5/2016	<0.002	
2/13/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/15/2022	<0.002	
8/31/2022	0.00087 (JB)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.00088 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	0.0015	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		0.00035 (J)
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0013

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00031 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.00089 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	0.00053 (J)	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/9/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	0.0013	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	0.00052 (J)	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	<0.001	
3/21/2011	<0.001	
4/28/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	0.001 (J)	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		0.00031 (J)
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	0.0011 (J)	
4/11/2017	0.0013	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.026 (J)	
2/14/2011	0.022 (J)	
3/22/2011	0.02 (J)	
4/26/2011	0.019 (I)	
10/27/2011	0.021	
5/1/2012	0.017	
11/8/2012	0.023	
5/7/2013	0.021	
11/4/2013	0.018	
5/24/2014	0.022	
11/8/2014	0.02	
5/21/2015	0.022	
11/13/2015	0.025	
4/6/2016	0.0239	
6/14/2016	0.021	
8/10/2016	0.019	
10/11/2016	0.02	
12/2/2016	0.022 (B)	
2/10/2017	0.03	
4/10/2017	0.025	
6/23/2017	0.026	
10/9/2017	0.025	
3/26/2018	0.026	
10/3/2018	0.022 (O)	
3/27/2019	0.024	
9/12/2019	0.025	
3/19/2020	0.027	
9/10/2020	0.023	
4/2/2021	0.02	
8/12/2021	0.023	
2/14/2022	0.024	
8/26/2022	0.026	
2/28/2023		0.022
8/2/2023		0.018
2/29/2024		0.021
8/6/2024		0.019

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.028 (J)	
2/14/2011	0.025 (J)	
3/22/2011	0.029 (J)	
4/26/2011	0.031 (I)	
10/27/2011	0.027	
5/1/2012	0.022	
11/8/2012	0.024	
5/7/2013	0.027	
11/4/2013	0.024	
5/24/2014	0.025	
11/8/2014	0.023	
5/21/2015	0.023	
11/13/2015	0.023	
4/8/2016	0.0244	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.022	
12/5/2016	0.025	
2/10/2017	0.026	
4/7/2017	0.021	
6/26/2017	0.028	
10/9/2017	0.021	
3/26/2018	0.022	
10/3/2018	0.022	
3/27/2019	0.022	
9/12/2019	0.023	
3/19/2020	0.024	
9/10/2020	0.022	
4/2/2021	0.023	
8/12/2021	0.024	
2/15/2022	0.032	
8/26/2022	0.021	
2/28/2023		0.02
8/3/2023		0.018
3/4/2024		0.022
8/8/2024		0.023

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.024 (J)	
2/14/2011	0.023 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.019 (I)	
10/26/2011	0.023	
5/1/2012	0.014	
11/8/2012	0.034	
5/8/2013	0.016	
11/4/2013	0.014	
5/24/2014	0.027	
11/7/2014	0.03	
5/20/2015	0.029	
11/13/2015	0.041	
4/7/2016	0.0381	
6/14/2016	0.034	
8/9/2016	0.032	
10/10/2016	0.037	
12/2/2016	0.038 (B)	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.05	
10/3/2018	0.042	
3/27/2019	0.057	
9/12/2019	0.1 (O)	
12/2/2019	0.11 (O)	
3/19/2020	0.11 (O)	
9/11/2020	0.15 (O)	
4/2/2021	0.11 (O)	
8/12/2021	0.091	
2/14/2022	0.077	
8/31/2022	0.065	
2/28/2023		0.056
8/3/2023		0.055
3/4/2024		0.057
8/8/2024		0.048

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.019 (J)	
2/1/2011	0.017 (J)	
3/21/2011	0.019 (J)	
4/26/2011	0.02 (I)	
10/27/2011	0.018	
5/2/2012	0.017	
11/8/2012	0.048 (O)	
5/7/2013	0.02	
11/4/2013	0.019	
5/24/2014	0.019	
11/7/2014	0.019	
5/20/2015	0.018	
11/13/2015	0.02	
4/7/2016	0.0207	
6/14/2016	0.019	
8/9/2016	0.017	
10/10/2016	0.02	
12/2/2016	0.02 (B)	
2/10/2017	0.018	
4/7/2017	0.02	
6/23/2017	0.021	
10/10/2017	0.018	
3/23/2018	0.02	
10/4/2018	0.019	
3/27/2019	0.021	
9/12/2019	0.022	
3/19/2020	0.023	
9/11/2020	0.022	
4/5/2021	0.022	
8/12/2021	0.023	
2/14/2022	0.024	
8/31/2022	0.022	
2/28/2023		0.022
8/3/2023		0.021
3/4/2024		0.022
8/8/2024		0.024

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.029 (J)	
2/1/2011	0.038 (J)	
3/23/2011	0.045 (J)	
4/27/2011	0.043 (I)	
10/26/2011	0.023	
5/1/2012	0.021	
11/8/2012	0.038	
5/7/2013	0.042	
11/5/2013	0.039	
5/23/2014	0.088 (O)	
11/7/2014	0.027	
5/21/2015	0.036	
11/12/2015	0.038	
4/8/2016	0.0261	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.03	
12/5/2016	0.026	
2/10/2017	0.023	
4/7/2017	0.024	
6/22/2017	0.025	
10/10/2017	0.022	
3/22/2018	0.024	
10/5/2018	0.026	
3/27/2019	0.026	
9/12/2019	0.028	
3/20/2020	0.029	
9/11/2020	0.026	
4/5/2021	0.028	
8/13/2021	0.026	
2/14/2022	0.029	
8/31/2022	0.031	
2/28/2023		0.027
8/3/2023		0.027 (B)
3/4/2024		0.032
8/8/2024		0.038

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.055 (JO)	
2/14/2011	0.05 (JO)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (I)	
10/25/2011	0.02	
5/1/2012	0.017	
11/8/2012	0.012	
5/7/2013	0.022	
11/5/2013	0.012	
5/23/2014	0.02	
11/7/2014	0.012	
5/21/2015	0.011	
11/12/2015	0.012	
4/7/2016	0.0116	
6/17/2016	0.012	
8/10/2016	0.012	
10/14/2016	0.016	
12/19/2016	0.012	
2/13/2017	0.017	
4/7/2017	0.011	
6/22/2017	0.014	
10/10/2017	0.012	
3/23/2018	0.012	
10/3/2018	0.012	
3/27/2019	0.013	
9/12/2019	0.016	
3/19/2020	0.02	
9/11/2020	0.013	
4/5/2021	0.015	
8/12/2021	0.013	
2/14/2022	0.014	
8/31/2022	0.016	
2/28/2023		0.014
8/3/2023		0.013 (B)
3/4/2024		0.015
8/8/2024		0.015

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.021 (J)	
2/14/2011	0.021 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.021 (I)	
10/26/2011	0.019	
5/2/2012	0.018	
11/8/2012	0.018	
5/8/2013	0.017	
11/5/2013	0.019	
5/23/2014	0.021	
11/7/2014	0.019	
5/21/2015	0.02	
11/12/2015	0.019	
4/7/2016	0.0201	
6/14/2016	0.017	
8/9/2016	0.017	
10/11/2016	0.02	
12/2/2016	0.02 (B)	
2/9/2017	0.018	
4/7/2017	0.018	
6/22/2017	0.02	
10/10/2017	0.02	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.019	
9/12/2019	0.022	
3/19/2020	0.02	
9/10/2020	0.02	
4/6/2021	0.02	
8/12/2021	0.024	
2/14/2022	0.022	
8/30/2022	0.021	
3/1/2023		0.019
8/3/2023		0.02
3/4/2024		0.019
8/9/2024		0.021

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.016 (J)	
2/15/2011	0.016 (J)	
3/22/2011	0.014 (J)	
4/27/2011	0.016 (I)	
10/26/2011	0.015	
5/2/2012	0.012	
11/8/2012	0.015	
5/8/2013	0.014	
11/4/2013	0.016	
5/24/2014	0.015	
11/7/2014	0.016	
5/22/2015	0.015	
11/13/2015	0.016	
4/11/2016	0.0167	
6/15/2016	0.015	
8/10/2016	0.015	
10/11/2016	0.017	
12/5/2016	0.017	
2/13/2017	0.016	
4/10/2017	0.015	
6/23/2017	0.017	
10/10/2017	0.016	
3/26/2018	0.015	
10/4/2018	0.018	
3/28/2019	0.017	
9/12/2019	0.019	
3/19/2020	0.019	
9/10/2020	0.02	
4/6/2021	0.018	
8/13/2021	0.021	
2/14/2022	0.02	
8/31/2022	0.025	
3/1/2023		0.02
8/3/2023		0.019 (B)
3/4/2024		0.025
8/8/2024		0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.013	
5/2/2012	0.0084 (I)	
11/8/2012	0.012	
5/8/2013	0.013	
11/4/2013	0.012	
5/24/2014	0.012	
11/8/2014	0.01	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.0132	
6/15/2016	0.011	
8/10/2016	0.012	
10/11/2016	0.012	
12/2/2016	0.012 (B)	
2/13/2017	0.013	
4/7/2017	0.01	
6/22/2017	0.012	
10/10/2017	0.011	
3/23/2018	0.011	
10/4/2018	0.012	
3/28/2019	0.012	
9/12/2019	0.013	
3/19/2020	0.013	
9/10/2020	0.013	
4/6/2021	0.013	
8/13/2021	0.029	
2/14/2022	0.018	
8/31/2022	0.015	
3/1/2023		0.038
8/3/2023		0.013
3/4/2024		0.014
8/8/2024		0.014

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (I)	
11/8/2012	0.01	
5/8/2013	0.0094 (J)	
11/4/2013	0.0094 (J)	
5/24/2014	0.0094 (J)	
11/7/2014	0.0094 (J)	
5/22/2015	0.0092 (J)	
11/13/2015	0.0095 (J)	
4/11/2016	0.0105	
6/16/2016	0.0089 (J)	
8/10/2016	0.0082	
10/13/2016	0.0088	
12/5/2016	0.01	
2/13/2017	0.0097	
4/10/2017	0.0082	
6/23/2017	0.01	
10/11/2017	0.0092	
3/26/2018	0.0094	
10/4/2018	0.0093	
3/27/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.011	
9/11/2020	0.01	
4/5/2021	0.01	
8/13/2021	0.019	
2/15/2022	0.011	
8/31/2022	0.011	
2/28/2023		0.01
8/3/2023		0.011
3/4/2024		0.011
8/8/2024		0.012

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01 (J)	
2/15/2011	0.0086 (J)	
3/21/2011	0.009 (J)	
4/28/2011	0.012 (I)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (I)	
11/9/2012	0.0091 (J)	
5/8/2013	0.0096 (J)	
11/4/2013	0.012	
5/24/2014	0.011	
11/7/2014	0.011	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.012	
6/16/2016	0.011	
8/11/2016	0.012 (B)	
10/13/2016	0.012	
12/5/2016	0.013	
2/13/2017	0.012	
4/11/2017	0.012	
6/24/2017	0.013	
10/11/2017	0.012	
3/26/2018	0.013	
10/4/2018	0.013	
3/28/2019	0.014	
9/12/2019	0.017	
3/19/2020	0.018	
9/11/2020	0.017	
4/5/2021	0.019	
8/17/2021	0.02	
2/14/2022	0.021	
8/31/2022	0.022	
3/1/2023		0.023
8/3/2023		0.021
3/4/2024		0.025
8/8/2024		0.029

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	0.1	
3/21/2011	0.1	
4/27/2011	0.091 (I)	
10/26/2011	0.1	
5/1/2012	0.095	
11/9/2012	0.093	
5/8/2013	0.077	
11/4/2013	0.083	
5/24/2014	0.07	
11/7/2014	0.065	
5/20/2015	0.058	
11/13/2015	0.058	
4/8/2016	0.0619	
6/16/2016	0.052	
8/11/2016	0.044 (B)	
10/13/2016	0.049	
12/6/2016	0.047	
2/13/2017	0.05	
4/11/2017	0.053	
6/24/2017	0.054	
10/11/2017	0.05	
3/26/2018	0.05	
10/4/2018	0.042	
3/28/2019	0.045	
9/12/2019	0.043	
3/19/2020	0.047	
9/11/2020	0.044	
4/6/2021	0.041	
8/13/2021	0.038	
2/14/2022	0.042	
8/31/2022	0.036	
2/28/2023		0.039
8/3/2023		0.033
3/4/2024		0.036
8/8/2024		0.036

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/26/2017	<0.0025	
10/9/2017	<0.0025	
3/26/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	<0.08	
6/14/2016	0.0012 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	0.053	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/26/2022	<0.08	
2/28/2023		<0.08
8/2/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<0.08	
6/14/2016	0.0029 (JB)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/26/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/28/2023		0.19
8/3/2023		<0.08
3/4/2024		0.033 (J)
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.0657 (J)	
6/14/2016	0.12	
8/9/2016	0.22	
10/10/2016	0.52	
12/2/2016	0.65	
2/9/2017	0.57	
4/7/2017	0.5	
6/22/2017	0.48	
10/10/2017	0.79	
3/22/2018	0.66	
10/3/2018	0.89	
3/27/2019	0.74	
9/12/2019	0.91	
3/19/2020	0.86	
9/11/2020	1	
4/2/2021	1.1	
8/12/2021	1.1	
2/14/2022	0.86	
8/31/2022	1.2	
2/28/2023		1.1
8/3/2023		1.1
3/4/2024		0.98
8/8/2024		1.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/10/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.11
8/3/2023		0.027 (J)
3/4/2024		0.022 (J)
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	<0.08	
6/14/2016	0.00079 (J)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/5/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/20/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.034 (J)
8/3/2023		<0.08
3/4/2024		<0.08
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	0.0049 (JB)	
8/10/2016	<0.08	
10/14/2016	<0.08	
12/19/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	0.044 (J)	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.12
8/3/2023		0.023 (J)
3/4/2024		<0.08
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/30/2022	<0.08	
3/1/2023		<0.08
8/3/2023		<0.08
3/4/2024		<0.08
8/9/2024		0.022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	<0.08	
6/15/2016	0.0021 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		0.075 (J)
8/3/2023		0.025 (J)
3/4/2024		<0.08
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	<0.08	
6/16/2016	0.0034 (JB)	
8/10/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/15/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.08
8/3/2023		<0.08
3/4/2024		0.036 (J)
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.08	
6/16/2016	0.0013 (JB)	
8/11/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/11/2017	<0.08	
6/24/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/17/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		<0.08
8/3/2023		<0.08
3/4/2024		0.023 (J)
8/8/2024		0.023 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	0.824	
6/16/2016	0.8 (J)	
8/11/2016	0.97	
10/13/2016	0.94	
12/6/2016	1	
2/13/2017	0.97	
4/11/2017	0.88	
6/24/2017	0.87	
10/11/2017	1.1	
3/26/2018	0.91	
10/4/2018	0.92	
3/28/2019	0.97	
9/12/2019	0.94	
3/19/2020	1	
9/11/2020	0.97	
4/6/2021	0.97	
8/13/2021	0.94	
2/14/2022	1	
8/31/2022	1	
2/28/2023		0.91
8/3/2023		0.97
3/4/2024		0.97
8/8/2024		1.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	0.0016 (J)	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	7.4E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0025	
2/15/2011	<0.0025	
3/21/2011	<0.0025	
4/28/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	0.00017 (J)	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/17/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	9.27	
6/14/2016	8.2	
8/10/2016	6.9	
10/11/2016	7.6	
12/2/2016	7.4	
2/10/2017	11	
4/10/2017	9.7	
6/23/2017	9.2	
10/9/2017	9.4	
3/26/2018	9.3	
10/3/2018	7.8	
3/27/2019	9.5	
9/12/2019	8.8	
3/19/2020	11	
9/10/2020	8.2	
4/2/2021	9.2	
8/12/2021	7.2	
2/14/2022	8	
8/26/2022	6.8	
2/28/2023		8.1
8/2/2023		6.4
2/29/2024		6.7
8/6/2024		6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	8.6	
6/14/2016	6.8	
8/9/2016	6.2	
10/11/2016	6.2	
12/5/2016	5.5	
2/10/2017	7.8	
4/7/2017	7.3	
6/26/2017	6.8	
10/9/2017	5.8	
3/26/2018	8.7	
10/3/2018	6.1	
3/27/2019	7.1	
9/12/2019	6.1	
3/19/2020	9.7	
9/10/2020	5.9	
4/2/2021	9	
8/12/2021	6	
2/15/2022	9.6	
8/26/2022	7.8	
2/28/2023		11
8/3/2023		9.6
3/4/2024		11
8/8/2024		7.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	38.4	
6/14/2016	32.9	
8/9/2016	29	
10/10/2016	33	
12/2/2016	33	
2/9/2017	42	
4/7/2017	35	
6/22/2017	38	
10/10/2017	40	
3/22/2018	39	
10/3/2018	41	
3/27/2019	39	
9/12/2019	36	
3/19/2020	45	
9/11/2020	30	
4/2/2021	29	
8/12/2021	26	
2/14/2022	26	
8/31/2022	23	
2/28/2023		23
8/3/2023		23
3/4/2024		25
8/8/2024		20

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	6.57	
6/14/2016	5.5	
8/9/2016	4.6	
10/10/2016	5.3	
12/2/2016	5.1	
2/10/2017	5.8	
4/7/2017	5.2	
6/23/2017	5.7	
10/10/2017	5.8	
3/23/2018	6.6	
10/4/2018	5.4	
3/27/2019	6.1	
9/12/2019	5.7	
3/19/2020	6.7	
9/11/2020	5.5	
4/5/2021	7	
8/12/2021	6.1	
2/14/2022	5.9	
8/31/2022	5.7	
2/28/2023		6.6
8/3/2023		6.4
3/4/2024		6.8
8/8/2024		6.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	10.7	
6/14/2016	11.3	
8/9/2016	9.6	
10/11/2016	11	
12/5/2016	10	
2/10/2017	11	
4/7/2017	10	
6/22/2017	11	
10/10/2017	11	
3/22/2018	11	
10/5/2018	11	
3/27/2019	11	
9/12/2019	12	
3/20/2020	12	
9/11/2020	11	
4/5/2021	13	
8/13/2021	11	
2/14/2022	11	
8/31/2022	12	
2/28/2023		13
8/3/2023		13
3/4/2024		15
8/8/2024		17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	12.6	
6/17/2016	12.4	
8/10/2016	11	
10/14/2016	13	
12/19/2016	11	
2/13/2017	13	
4/7/2017	12	
6/22/2017	13	
10/10/2017	13	
3/23/2018	13	
10/3/2018	12	
3/27/2019	13	
9/12/2019	13	
3/19/2020	14	
9/11/2020	12	
4/5/2021	13	
8/12/2021	12	
2/14/2022	11	
8/31/2022	12	
2/28/2023		13
8/3/2023		12
3/4/2024		13
8/8/2024		13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	15.3	
6/14/2016	14.2	
8/9/2016	13	
10/11/2016	14	
12/2/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/10/2017	15	
3/22/2018	14	
10/3/2018	14	
3/27/2019	15	
9/12/2019	14	
3/19/2020	15	
9/10/2020	14	
4/6/2021	16	
8/12/2021	14	
2/14/2022	13	
8/30/2022	14	
3/1/2023		15
8/3/2023		15
3/4/2024		14
8/9/2024		16

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	9.7	
6/15/2016	9.5	
8/10/2016	8.5	
10/11/2016	9.3	
12/5/2016	9	
2/13/2017	9.2	
4/10/2017	9.2	
6/23/2017	9.8	
10/10/2017	10	
3/26/2018	11	
10/4/2018	10	
3/28/2019	11	
9/12/2019	12	
3/19/2020	16	
9/10/2020	15	
4/6/2021	17	
8/13/2021	15	
2/14/2022	16	
8/31/2022	17	
3/1/2023		19
8/3/2023		18
3/4/2024		18
8/8/2024		19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	7.04	
6/15/2016	7.4	
8/10/2016	6.7	
10/11/2016	6.9	
12/2/2016	6.5	
2/13/2017	7.9	
4/7/2017	6.5	
6/22/2017	6.8	
10/10/2017	7.3	
3/23/2018	7.5	
10/4/2018	6.7	
3/28/2019	7.2	
9/12/2019	7.5	
3/19/2020	7.9	
9/10/2020	7.5	
4/6/2021	7.7	
8/13/2021	7.2	
2/14/2022	6.5	
8/31/2022	7.1	
3/1/2023	20 (o)	
8/3/2023		8
3/4/2024		7.9
8/8/2024		7.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	6.9	
6/16/2016	7.6	
8/10/2016	5.7	
10/13/2016	6.7	
12/5/2016	6.4	
2/13/2017	6.2	
4/10/2017	6.2	
6/23/2017	6.6	
10/11/2017	6.9 (B)	
3/26/2018	7	
10/4/2018	6.4	
3/27/2019	7	
9/12/2019	7.1	
3/19/2020	7.1	
9/11/2020	7	
4/5/2021	8	
8/13/2021	7	
2/15/2022	6.4	
8/31/2022	7.2	
2/28/2023		7.6
8/3/2023		8.2
3/4/2024		8.1
8/8/2024		9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	12.8	
6/16/2016	14.3	
8/11/2016	11	
10/13/2016	13	
12/5/2016	12	
2/13/2017	13	
4/11/2017	13	
6/24/2017	13	
10/11/2017	15 (B)	
3/26/2018	15	
10/4/2018	14	
3/28/2019	15	
9/12/2019	17	
3/19/2020	19	
9/11/2020	18	
4/5/2021	21	
8/17/2021	22	
2/14/2022	18	
8/31/2022	21	
3/1/2023		25
8/3/2023		24
3/4/2024		28
8/8/2024		30

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	17.5	
6/16/2016	18.4	
8/11/2016	13	
10/13/2016	15	
12/6/2016	15	
2/13/2017	16	
4/11/2017	17	
6/24/2017	17	
10/11/2017	19 (B)	
3/26/2018	19	
10/4/2018	17	
3/28/2019	18	
9/12/2019	18	
3/19/2020	19	
9/11/2020	19	
4/6/2021	19	
8/13/2021	17	
2/14/2022	16	
8/31/2022	17	
2/28/2023		18
8/3/2023		18
3/4/2024		19
8/8/2024		22

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	3.034	
6/14/2016	3.1	
8/10/2016	2.7	
10/11/2016	2.7	
12/2/2016	2.5	
2/10/2017	3.4	
4/10/2017	3.6	
6/23/2017	3.2	
10/9/2017	3.5	
3/26/2018	3.8	
10/3/2018	4	
3/27/2019	2.9	
9/12/2019	3.4	
3/19/2020	3.9	
9/10/2020	3.7	
4/2/2021	3.7	
8/12/2021	4.1	
2/14/2022	4	
8/26/2022	3.6	
2/28/2023		3.6
8/2/2023		3.4
2/29/2024		3.7
8/6/2024		3.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	2.1	
6/14/2016	4.2	
8/9/2016	5	
10/11/2016	3.8	
12/5/2016	3.6	
2/10/2017	2.2	
4/7/2017	2.2	
6/26/2017	3.4	
10/9/2017	3.4	
3/26/2018	1.9	
10/3/2018	2.9	
3/27/2019	2	
9/12/2019	2.5	
3/19/2020	2.2	
9/10/2020	2.5	
4/2/2021	1.8	
8/12/2021	2.7	
2/15/2022	1.8	
8/26/2022	2	
2/28/2023		1.8
8/3/2023		1.8
3/4/2024		1.8
8/8/2024		1.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3 (D)	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021	13	
8/12/2021	13	
2/14/2022	10	
8/31/2022	13	
2/28/2023		13
8/3/2023		13
3/4/2024		14
8/8/2024	27 (o)	
11/7/2024		13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	2.914	
6/14/2016	3.1	
8/9/2016	3.2	
10/10/2016	3	
12/2/2016	3	
2/10/2017	2.7	
4/7/2017	2.9	
6/23/2017	3.3	
10/10/2017	3.5	
3/23/2018	3.6	
10/4/2018	3.9	
3/27/2019	3.7	
9/12/2019	4.3	
3/19/2020	4.5	
9/11/2020	4.7	
4/5/2021	5.3	
8/12/2021	5.5	
2/14/2022	5	
8/31/2022	5.1	
2/28/2023		5.2
8/3/2023		5.2
3/4/2024		5.4
8/8/2024		5.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	1.57	
6/14/2016	1.7	
8/9/2016	1.5	
10/11/2016	1.6	
12/5/2016	1.5	
2/10/2017	1.5	
4/7/2017	1.4	
6/22/2017	1.4	
10/10/2017	1.4	
3/22/2018	1.3	
10/5/2018	1.4	
3/27/2019	1.2	
9/12/2019	1.4	
3/20/2020	1.7 (F1)	
9/11/2020	1.6	
4/5/2021	1.8	
8/13/2021	1.8	
2/14/2022	1.5	
8/31/2022	1.5	
2/28/2023		1.7
8/3/2023		1.6
3/4/2024		1.8
8/8/2024		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9 (BD)	
8/10/2016	1.8	
10/14/2016	1.7	
12/19/2016	2.7 (O)	
2/13/2017	1.8	
4/7/2017	1.7	
6/22/2017	1.7	
10/10/2017	1.6	
3/23/2018	1.6	
10/3/2018	1.6	
3/27/2019	1.5	
9/12/2019	1.7	
3/19/2020	1.9	
9/11/2020	1.8	
4/5/2021	2	
8/12/2021	1.8	
2/14/2022	1.8	
8/31/2022	1.6	
2/28/2023		1.8
8/3/2023		1.7
3/4/2024		1.8
8/8/2024		1.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	2.285	
6/14/2016	2.3	
8/9/2016	2.3	
10/11/2016	2.1	
12/2/2016	2	
2/9/2017	2.1	
4/7/2017	2	
6/22/2017	2	
10/10/2017	2	
3/22/2018	1.9	
10/3/2018	2	
3/27/2019	1.9	
9/12/2019	1.9	
3/19/2020	2.2	
9/10/2020	2.1	
4/6/2021	2.1	
8/12/2021	2.2	
2/14/2022	2	
8/30/2022	2.2	
3/1/2023		2.1
8/3/2023		1.9
3/4/2024		2
8/9/2024		2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	1.57 (O)	
6/15/2016	3.9	
8/10/2016	4	
10/11/2016	3.7	
12/5/2016	3.6	
2/13/2017	3.4	
4/10/2017	3.5	
6/23/2017	3.4	
10/10/2017	3.3	
3/26/2018	3.1	
10/4/2018	3.1	
3/28/2019	2.8	
9/12/2019	3	
3/19/2020	3.4	
9/10/2020	3.3	
4/6/2021	3.3	
8/13/2021	3.7	
2/14/2022	3.8	
8/31/2022	3.5	
3/1/2023		3.9
8/3/2023		3.3
3/4/2024		3.4
8/8/2024		3.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	2.09	
6/15/2016	2.1	
8/10/2016	2	
10/11/2016	1.9	
12/2/2016	1.9	
2/13/2017	1.9	
4/7/2017	2	
6/22/2017	1.9	
10/10/2017	1.9	
3/23/2018	1.9	
10/4/2018	1.9	
3/28/2019	1.8	
9/12/2019	1.8	
3/19/2020	2.1	
9/10/2020	2.1	
4/6/2021	1.9	
8/13/2021	2.1	
2/14/2022	1.9	
8/31/2022	1.6	
3/1/2023	14 (o)	
5/2/2023		1.7
8/3/2023		1.6
3/4/2024		1.9
8/8/2024		1.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	2.09 (O)	
6/16/2016	6.3	
8/10/2016	6.9	
10/13/2016	6.5	
12/5/2016	6.6	
2/13/2017	6.7	
4/10/2017	6.7	
6/23/2017	6.6	
10/11/2017	6.5	
3/26/2018	6.6	
10/4/2018	6.9	
3/27/2019	7	
9/12/2019	6.8	
3/19/2020	7.3	
9/11/2020	7.7	
4/5/2021	7.8	
8/13/2021	8	
2/15/2022	7.6	
8/31/2022	7.7	
2/28/2023		7.9
8/3/2023		7.8
3/4/2024		8.4
8/8/2024		8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.25 (O)	
6/16/2016	7.4	
8/11/2016	8.3	
10/13/2016	7.8	
12/5/2016	8.1	
2/13/2017	8	
4/11/2017	7.6	
6/24/2017	8.3	
10/11/2017	7.9	
3/26/2018	7.8	
10/4/2018	8.1	
3/28/2019	7.5	
9/12/2019	7.7	
3/19/2020	8.2	
9/11/2020	7.9	
4/5/2021	8.2	
8/17/2021	8.3	
2/14/2022	7.6	
8/31/2022	7.6	
3/1/2023		8
8/3/2023		7.6
3/4/2024		8.1
8/8/2024		4.3 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023		13
8/3/2023		14
10/4/2023		15
3/4/2024		15
5/20/2024		13
8/8/2024	29 (o)	
11/7/2024		14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.0052	
2/14/2011	0.0057	
3/22/2011	0.0055	
4/26/2011	0.0069	
10/27/2011	0.011	
5/1/2012	0.0056	
11/8/2012	<0.01	
5/7/2013	0.0036 (J)	
11/4/2013	0.0032 (JV)	
5/24/2014	0.0043 (J)	
11/8/2014	<0.01	
5/21/2015	0.002 (J)	
11/13/2015	<0.01	
4/6/2016	0.00278 (J)	
6/14/2016	0.0014 (J)	
8/10/2016	0.0019 (J)	
10/11/2016	0.0024 (J)	
12/2/2016	0.0023 (J)	
2/10/2017	0.0021 (J)	
4/10/2017	0.002 (J)	
6/23/2017	0.0018 (J)	
10/9/2017	0.0016 (J)	
3/26/2018	0.0011 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	0.003	
9/12/2019	0.0047 (B)	
3/19/2020	0.0026	
9/10/2020	0.0019 (J)	
4/2/2021	0.0029	
8/12/2021	0.0016 (J)	
2/14/2022	0.0026	
8/26/2022	0.0016 (J)	
2/28/2023		0.0024
8/2/2023		0.0028
2/29/2024		0.0021
8/6/2024		0.0021

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0029 (J)	
2/14/2011	0.0027 (J)	
3/22/2011	0.0049 (J)	
4/26/2011	0.0048 (I)	
10/27/2011	0.0023 (J)	
5/1/2012	0.0051	
11/8/2012	0.0034 (J)	
5/7/2013	0.0078	
11/4/2013	0.0055 (JV)	
5/24/2014	0.0075 (J)	
11/8/2014	0.0048 (J)	
5/21/2015	0.0082 (J)	
11/13/2015	0.0079 (J)	
4/8/2016	0.00878 (J)	
6/14/2016	0.0071 (J)	
8/9/2016	0.0079	
10/11/2016	0.0069	
12/5/2016	0.0077	
2/10/2017	0.0098	
4/7/2017	0.0081	
6/26/2017	0.0084	
10/9/2017	0.0082	
3/26/2018	0.0088	
10/3/2018	0.0086	
3/27/2019	0.0078	
9/12/2019	0.0092 (B)	
3/19/2020	0.011	
9/10/2020	0.0077	
4/2/2021	0.01	
8/12/2021	0.008	
2/15/2022	0.013	
8/26/2022	0.0078	
2/28/2023		0.01
8/3/2023		0.0089
3/4/2024		0.011
8/8/2024		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0025 (J)	
11/13/2015	0.0042 (J)	
4/7/2016	<0.002	
6/14/2016	0.00055 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		0.0012 (J)
3/4/2024		0.0016 (J)
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0036 (J)	
2/1/2011	0.0037 (J)	
3/21/2011	0.004 (J)	
4/26/2011	0.0037 (I)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (JV)	
5/24/2014	0.005 (J)	
11/7/2014	0.004 (J)	
5/20/2015	0.0062 (J)	
11/13/2015	0.0067 (J)	
4/7/2016	0.00467 (J)	
6/14/2016	0.0041 (J)	
8/9/2016	0.0041	
10/10/2016	0.0041	
12/2/2016	0.0039	
2/10/2017	0.0044	
4/7/2017	0.0046	
6/23/2017	0.005	
10/10/2017	0.0088	
3/23/2018	0.0045	
10/4/2018	0.0047	
3/27/2019	0.0048	
9/12/2019	0.0051 (B)	
3/19/2020	0.0043	
9/11/2020	0.0042	
4/5/2021	0.0041	
8/12/2021	0.0045	
2/14/2022	0.0047	
8/31/2022	0.0048	
2/28/2023		0.0047
8/3/2023		0.0053
3/4/2024		0.0048
8/8/2024		0.006

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0064	
2/1/2011	0.015	
3/23/2011	0.0084	
4/27/2011	0.011	
10/26/2011	0.0061	
5/1/2012	0.0072	
11/8/2012	0.015	
5/7/2013	0.044	
11/5/2013	0.023	
5/23/2014	0.022	
11/7/2014	0.013	
5/21/2015	0.029	
11/12/2015	0.045	
4/8/2016	0.00752 (J)	
6/14/2016	0.007 (J)	
8/9/2016	0.008	
10/11/2016	0.0079	
12/5/2016	0.0057	
2/10/2017	0.0062	
4/7/2017	0.0072	
6/22/2017	0.0074	
10/10/2017	0.0072	
3/22/2018	0.0074	
10/5/2018	0.0083	
3/27/2019	0.0081	
9/12/2019	0.0088 (B)	
3/20/2020	0.0085	
9/11/2020	0.0081	
4/5/2021	0.0084	
8/13/2021	0.0082	
2/14/2022	0.0086	
8/31/2022	0.0084	
2/28/2023		0.0084
8/3/2023		0.0092
3/4/2024		0.01
8/8/2024		0.012

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.005	
10/25/2011	0.0062	
5/1/2012	0.011	
11/8/2012	0.0089	
5/7/2013	0.019	
11/5/2013	0.0057 (JV)	
5/23/2014	0.0084 (J)	
11/7/2014	0.011	
5/21/2015	0.013	
11/12/2015	0.015	
4/7/2016	0.00498 (J)	
6/17/2016	0.004 (J)	
8/10/2016	0.0047	
10/14/2016	0.0056	
12/19/2016	0.0039	
2/13/2017	0.0059	
4/7/2017	0.0051	
6/22/2017	0.005	
10/10/2017	0.005	
3/23/2018	0.005	
10/3/2018	0.0051	
3/27/2019	0.0051	
9/12/2019	0.0085 (B)	
3/19/2020	0.0063	
9/11/2020	0.0053	
4/5/2021	0.0061	
8/12/2021	0.0058	
2/14/2022	0.0058	
8/31/2022	0.0059	
2/28/2023		0.0058
8/3/2023		0.0056
3/4/2024		0.0063
8/8/2024		0.0061

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.0073	
2/14/2011	0.0051	
3/21/2011	0.0067	
4/26/2011	0.0065	
10/26/2011	0.0068	
5/2/2012	0.011	
11/8/2012	0.0052	
5/8/2013	0.0059	
11/5/2013	0.0044 (JV)	
5/23/2014	0.0087 (J)	
11/7/2014	0.0048 (J)	
5/21/2015	0.006 (J)	
11/12/2015	0.007 (J)	
4/7/2016	0.0056 (J)	
6/14/2016	0.0048 (J)	
8/9/2016	0.0053	
10/11/2016	0.0058	
12/2/2016	0.0071	
2/9/2017	0.0051	
4/7/2017	0.006	
6/22/2017	0.0056	
10/10/2017	0.0073	
3/22/2018	0.0051	
10/3/2018	0.0052	
3/27/2019	0.0056	
9/12/2019	0.0075 (B)	
3/19/2020	0.0055	
9/10/2020	0.0063	
4/6/2021	0.0055	
8/12/2021	0.0096	
2/14/2022	0.0076	
8/30/2022	0.0064	
3/1/2023		0.0057
8/3/2023		0.0065
3/4/2024		0.006
8/9/2024		0.0059

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0026 (J)	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	0.002 (I)	
10/26/2011	0.002 (J)	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0027 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/22/2015	0.0034 (J)	
11/13/2015	0.0038 (J)	
4/11/2016	<0.002	
6/15/2016	0.0015 (J)	
8/10/2016	0.0014 (J)	
10/11/2016	0.0017 (J)	
12/5/2016	0.0014 (J)	
2/13/2017	0.0016 (J)	
4/10/2017	0.0014 (J)	
6/23/2017	0.0014 (J)	
10/10/2017	0.0039	
3/26/2018	0.0013 (J)	
10/4/2018	0.0014 (J)	
3/28/2019	0.0012 (J)	
9/12/2019	0.0021 (JB)	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
3/1/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0012 (J)
8/8/2024		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.0034 (J)	
2/15/2011	0.0034 (J)	
3/22/2011	0.0037 (J)	
4/27/2011	0.0038 (I)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (I)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.002	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	0.0041 (J)	
8/10/2016	0.0047	
10/11/2016	0.0048	
12/2/2016	0.0043	
2/13/2017	0.0047	
4/7/2017	0.0044	
6/22/2017	0.0045	
10/10/2017	0.005	
3/23/2018	0.0042	
10/4/2018	0.005	
3/28/2019	0.0043	
9/12/2019	0.006 (B)	
3/19/2020	0.0047	
9/10/2020	0.0047	
4/6/2021	0.0044	
8/13/2021	0.0089	
2/14/2022	0.0046	
8/31/2022	0.004	
3/1/2023		<0.002
8/3/2023		0.0042
3/4/2024		0.0042
8/8/2024		0.0037

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0036 (J)	
2/15/2011	0.0038 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0042 (I)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (I)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.003 (J)	
11/7/2014	<0.01	
5/22/2015	0.0023 (J)	
11/13/2015	0.0042 (J)	
4/11/2016	0.00309 (J)	
6/16/2016	0.0025 (J)	
8/10/2016	0.0023 (J)	
10/13/2016	0.0028	
12/5/2016	0.0032	
2/13/2017	0.0021 (J)	
4/10/2017	0.0022 (J)	
6/23/2017	0.0025	
10/11/2017	0.0027	
3/26/2018	0.0028	
10/4/2018	0.0041	
3/27/2019	0.0044	
9/12/2019	0.0043 (B)	
3/19/2020	0.0032	
9/11/2020	0.0041	
4/5/2021	0.0054	
8/13/2021	0.0087	
2/15/2022	0.0054	
8/31/2022	0.0047	
2/28/2023		0.0047
8/3/2023		0.0063
3/4/2024		0.0064
8/8/2024		0.0064

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0087	
3/21/2011	0.0083	
4/28/2011	0.0076	
10/26/2011	0.0078	
5/1/2012	0.0049 (I)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013 (V)	
5/24/2014	0.012	
11/7/2014	0.0084 (J)	
5/22/2015	0.0096 (J)	
11/13/2015	0.011	
4/11/2016	0.0101	
6/16/2016	0.01	
8/11/2016	0.0097	
10/13/2016	0.012	
12/5/2016	0.012	
2/13/2017	0.011	
4/11/2017	0.011	
6/24/2017	0.0095	
10/11/2017	0.0096	
3/26/2018	0.012	
10/4/2018	0.016	
3/28/2019		0.019
9/12/2019		0.027 (B)
3/19/2020		0.029
9/11/2020		0.028
4/5/2021		0.031
8/17/2021		0.034
2/14/2022		0.036
8/31/2022		0.038
3/1/2023		0.038
8/3/2023		0.035
3/4/2024		0.033
8/8/2024		0.033

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	0.0033 (J)	
5/1/2012	0.0025 (I)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0035 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/20/2015	0.0021 (J)	
11/13/2015	0.0041 (J)	
4/8/2016	0.0053 (J)	
6/16/2016	0.0014 (J)	
8/11/2016	0.0013 (J)	
10/13/2016	0.0018 (J)	
12/6/2016	0.0014 (J)	
2/13/2017	0.0021 (J)	
4/11/2017	0.0012 (J)	
6/24/2017	0.0017 (J)	
10/11/2017	0.0013 (J)	
3/26/2018	0.0014 (J)	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	0.002 (JB)	
3/19/2020	<0.002	
9/11/2020	0.0023	
4/6/2021	<0.002	
8/13/2021	0.0019 (J)	
2/14/2022	0.0018 (J)	
8/31/2022	0.002	
2/28/2023		0.003
8/3/2023		<0.002
3/4/2024		0.0013 (J)
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	<0.0025	
6/14/2016	6.6E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	0.00047 (J)	
12/2/2016	0.0014 (J)	
2/10/2017	0.00052 (J)	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/9/2017	0.00053 (J)	
3/26/2018	0.00088 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	<0.0025	
9/12/2019	0.0004 (J)	
3/19/2020	0.00015 (J)	
9/10/2020	0.00019 (J)	
4/2/2021	0.00016 (J)	
8/12/2021	0.00028 (J)	
2/14/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/2/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		0.00056 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0038 (JO)	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	0.00042 (J)	
8/9/2016	0.00068 (J)	
10/11/2016	<0.0025	
12/5/2016	0.0012 (J)	
2/10/2017	0.0013 (J)	
4/7/2017	<0.0025	
6/26/2017	0.00073 (J)	
10/9/2017	<0.0025	
3/26/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00014 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	0.00015 (J)	
2/15/2022	0.00054 (J)	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.012 (o)	
2/14/2011	0.0093 (Jo)	
3/21/2011	0.0076 (Jo)	
4/26/2011	0.0058 (Io)	
10/26/2011	0.005 (Jo)	
5/1/2012	0.0032 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	0.0031 (J)	
8/9/2016	0.0023 (J)	
10/10/2016	0.0024 (J)	
12/2/2016	0.0021 (J)	
2/9/2017	0.00096 (J)	
4/7/2017	0.0034	
6/22/2017	0.0029	
10/10/2017	0.0025	
3/22/2018	0.0015 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.00083 (J)	
9/12/2019	0.0018 (J)	
3/19/2020	0.0005 (J)	
9/11/2020	0.0035	
4/2/2021	0.002 (J)	
8/12/2021	0.0024 (J)	
2/14/2022	0.00059 (J)	
8/31/2022	0.0012 (JB)	
2/28/2023		0.00097 (J)
8/3/2023		0.0011 (J)
3/4/2024		0.0004 (J)
8/8/2024		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	3.8E-05 (J)	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	9.5E-05 (J)	
3/19/2020	0.00025 (J)	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0033 (JO)	
2/1/2011	0.003 (J)	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	0.0048 (JO)	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	4.2E-05 (J)	
8/9/2016	<0.0025	
10/11/2016	0.00052 (J)	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00011 (J)	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.00017 (J)	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/25/2011	<0.0025	
5/1/2012	0.0039 (O)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/17/2016	0.00017 (J)	
8/10/2016	<0.0025	
10/14/2016	<0.0025	
12/19/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	0.00029 (J)	
9/11/2020	<0.0025	
4/5/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	0.0004 (J)	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00017 (J)	
3/19/2020	<0.0025	
9/10/2020	0.0002 (J)	
4/6/2021	<0.0025	
8/12/2021	0.00072 (J)	
2/14/2022	0.00039 (J)	
8/30/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/9/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00015 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00074 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		0.01
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	3.8E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00012 (J)	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.0002 (J)	
8/13/2021	0.00059 (J)	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0025	
2/15/2011	<0.0025	
3/21/2011	<0.0025	
4/28/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	7E-05 (J)	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/17/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0051 (J)	
2/14/2011	0.0038 (J)	
3/21/2011	0.0037 (J)	
4/27/2011	<0.0025	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (I)	
11/9/2012	0.007 (J)	
5/8/2013	0.0047 (J)	
11/4/2013	0.0096 (J)	
5/24/2014	0.0097 (J)	
11/7/2014	0.012	
5/20/2015	0.011	
11/13/2015	0.013	
4/8/2016	0.00315 (J)	
6/16/2016	0.0062 (J)	
8/11/2016	0.0092	
10/13/2016	0.0045	
12/6/2016	0.0043	
2/13/2017	0.011	
4/11/2017	0.012	
6/24/2017	0.011	
10/11/2017	0.016	
3/26/2018	0.0069	
10/4/2018	0.016	
3/28/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.0083	
9/11/2020	0.002 (J)	
4/6/2021	0.0062	
8/13/2021	0.015	
2/14/2022	0.011	
8/31/2022	0.014 (B)	
2/28/2023		0.0038
8/3/2023		0.013
3/4/2024		0.0067
8/8/2024		0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.0028 (JO)	
11/13/2015	<0.002	
4/6/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	0.0023	
4/2/2021	<0.002	
8/12/2021	0.00066 (J)	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023		<0.002
8/2/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.003 (J)	
11/13/2015	0.078 (O)	
4/8/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	0.0015 (J)	
8/26/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0025
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.0021 (J)	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	0.0034 (J)	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	0.002 (J)	
5/20/2015	0.0024 (J)	
11/13/2015	<0.002	
4/7/2016	<0.002	
10/10/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	0.00072 (J)	
9/11/2020	0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0068
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0065 (J)	
2/1/2011	0.018	
3/23/2011	0.022	
4/27/2011	0.02	
10/26/2011	0.0025 (J)	
5/1/2012	0.0022 (I)	
11/8/2012	0.015	
5/7/2013	0.02	
11/5/2013	0.014	
5/23/2014	0.06 (O)	
11/7/2014	0.0032 (J)	
5/21/2015	0.017 (JV)	
11/12/2015	0.01 (J)	
4/8/2016	<0.002	
10/11/2016	0.0051	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	0.0011 (J)	
9/11/2020	<0.002	
4/5/2021	0.0019 (J)	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0084 (J)	
2/14/2011	0.013 (O)	
3/23/2011	0.0061 (J)	
4/27/2011	<0.002	
10/25/2011	0.002 (J)	
5/1/2012	0.0027 (I)	
11/8/2012	<0.002	
5/7/2013	0.0039 (J)	
11/5/2013	<0.002	
5/23/2014	0.0029 (J)	
11/7/2014	<0.002	
5/21/2015	0.0031 (J)	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/14/2016	0.0024 (J)	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	0.00083 (J)	
3/19/2020	0.0022	
9/11/2020	<0.002	
4/5/2021	0.00093 (J)	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	0.0031	
2/14/2022	0.0014 (J)	
8/30/2022	<0.002	
3/1/2023		0.0011 (J)
8/3/2023		<0.002
3/4/2024		<0.002
8/9/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	0.0031 (JO)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0046	
2/14/2022	0.0013 (J)	
8/31/2022	<0.002	
3/1/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/10/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	0.0013 (J)	
4/5/2021	<0.002	
8/13/2021	0.0025	
2/15/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		0.0012 (J)
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.035 (J)	
9/12/2019	0.04 (J)	
3/19/2020	0.059 (J)	
9/10/2020	0.044 (J)	
4/2/2021	0.028 (J)	
8/12/2021	0.04 (J)	
2/14/2022	0.058 (J)	
8/26/2022	0.092 (J)	
2/28/2023		0.076 (J)
8/2/2023		0.044 (J)
2/29/2024		<0.1
8/6/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	0.042 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/26/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.036 (J)	
9/12/2019	0.043 (J)	
3/19/2020	0.054 (J)	
9/10/2020	0.034 (J)	
4/2/2021	0.032 (J)	
8/12/2021	0.028 (J)	
2/15/2022	0.088 (J)	
8/26/2022	0.028 (J)	
2/28/2023		0.071 (J)
8/3/2023		0.042 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.035 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.026 (J)	
3/19/2020	0.041 (J)	
9/11/2020	<0.1	
4/2/2021	<0.1	
8/12/2021	<0.1	
2/14/2022	0.052 (J)	
8/31/2022	0.033 (J)	
2/28/2023		0.069 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.024 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.033 (J)	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/5/2021	0.039 (J)	
8/12/2021	0.11	
2/14/2022	0.05 (J)	
8/31/2022	0.033 (J)	
2/28/2023		0.05 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.047 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/5/2018	<0.1	
3/27/2019	0.041 (J)	
9/12/2019	0.041 (J)	
3/20/2020	<0.1	
9/11/2020	0.034 (J)	
4/5/2021	0.038 (J)	
8/13/2021	0.09 (J)	
2/14/2022	0.068 (J)	
8/31/2022	0.056 (J)	
2/28/2023		0.059 (J)
8/3/2023		0.047 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.1 (D)	
8/10/2016	<0.1	
10/14/2016	<0.1	
12/19/2016	0.1 (J)	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.04 (J)	
9/12/2019	0.044 (J)	
3/19/2020	0.049 (J)	
9/11/2020	0.035 (J)	
4/5/2021	0.031 (J)	
8/12/2021	0.052 (J)	
2/14/2022	0.056 (J)	
8/31/2022	0.053 (J)	
2/28/2023		0.079 (J)
8/3/2023		0.045 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.037 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.044 (J)	
9/10/2020	0.036 (J)	
4/6/2021	0.03 (J)	
8/12/2021	0.058 (J)	
2/14/2022	0.07 (J)	
8/30/2022	0.044 (J)	
3/1/2023		0.036 (J)
8/3/2023		0.044 (J)
3/4/2024		<0.1
8/9/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.033 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.042 (J)	
9/10/2020	0.04 (J)	
4/6/2021	0.031 (J)	
8/13/2021	0.065 (JF1)	
2/14/2022	0.074 (J)	
8/31/2022	0.082 (J)	
3/1/2023		0.042 (J)
8/3/2023		0.06 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	0.027 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.042 (J)	
9/12/2019	0.028 (J)	
3/19/2020	0.039 (J)	
9/10/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.048 (J)	
2/14/2022	0.057 (J)	
8/31/2022	0.065 (J)	
3/1/2023		0.029 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.027 (J)	
6/16/2016	<0.1	
8/10/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.028 (J)	
3/19/2020	0.037 (J)	
9/11/2020	0.049 (J)	
4/5/2021	<0.1	
8/13/2021	0.043 (J)	
2/15/2022	0.06 (J)	
8/31/2022	0.066 (J)	
2/28/2023		0.074 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.039 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.053 (J)	
9/11/2020	0.041 (J)	
4/5/2021	0.05 (J)	
8/17/2021	0.094 (JF1)	
2/14/2022	0.055 (J)	
8/31/2022	0.053 (J)	
3/1/2023		0.066 (J)
8/3/2023		0.046 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/6/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	<0.1	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.034 (J)	
2/14/2022	0.041 (J)	
8/31/2022	0.055 (J)	
2/28/2023		0.031 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	0.0028 (J)	
3/22/2011	0.0021 (J)	
4/26/2011	0.003 (I)	
10/27/2011	0.0028 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0044 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	0.0032 (J)	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.0022	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/2/2023		<0.001
2/29/2024		0.00023 (J)
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	0.002 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	0.0033 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0048 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.0021 (J)	
5/21/2015	0.002 (J)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00018 (J)	
8/12/2021	<0.001	
2/15/2022	0.00025 (J)	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		0.002
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	0.0024 (J)	
3/21/2011	<0.001	
4/26/2011	0.0027 (I)	
10/26/2011	0.0026 (J)	
5/1/2012	<0.001	
11/8/2012	0.0023 (J)	
5/8/2013	0.0026 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.005 (J)	
11/13/2015	0.0031 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00019 (J)	
9/11/2020	0.0016	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0027 (J)	
3/23/2011	0.0041 (J)	
4/27/2011	0.0054	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0022 (J)	
5/7/2013	0.0062	
11/5/2013	<0.001	
5/23/2014	0.0026 (J)	
11/7/2014	0.0022 (J)	
5/21/2015	0.0049 (J)	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	0.00096 (J)	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	0.0029 (J)	
3/23/2011	0.0028 (J)	
4/27/2011	0.0038 (I)	
10/25/2011	0.0043 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0064	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	0.0026 (J)	
5/21/2015	0.0038 (J)	
11/12/2015	0.0021 (J)	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0002 (J)	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	0.0032 (J)	
3/21/2011	0.0038 (J)	
4/26/2011	0.0046 (I)	
10/26/2011	0.0024 (J)	
5/2/2012	<0.001	
11/8/2012	0.0021 (J)	
5/8/2013	0.006	
11/5/2013	0.0023 (J)	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	0.0062 (J)	
11/12/2015	0.0035 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		0.00043 (J)
8/9/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	0.0028 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0028 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0043 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0042 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00054 (J)	
2/14/2022	0.00019 (J)	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	0.0032 (J)	
3/22/2011	0.0024 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0023 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0035 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	0.00041 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	0.0015	
4/5/2021	<0.001	
8/13/2021	0.00022 (J)	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0026 (JO)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00017 (J)	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/6/2016	<0.0002	
6/14/2016	<0.0002	
8/10/2016	8.2E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	7E-05 (JB)	
10/3/2018	8.8E-05 (JB)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023		<0.0002
8/2/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	9.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	<0.0002	
10/3/2018	0.0001425 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	0.00013 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	0.00011 (J)	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	8.8E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/23/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.1E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/11/2016	8.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/22/2018	<0.0002	
10/5/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/20/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/25/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.4E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/17/2016	<0.0002	
8/10/2016	0.00011 (JB)	
10/14/2016	<0.0002	
12/19/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/23/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.5E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.00014 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/30/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/9/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	8.5E-05 (JB)	
10/11/2016	9.2E-05 (JB)	
12/5/2016	0.0001 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (JB)	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	7.9E-05 (JB)	
10/11/2016	0.00011 (JB)	
12/2/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/23/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/10/2016	9E-05 (J)	
10/13/2016	<0.0002	
12/5/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/15/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0002	
2/15/2011	<0.0002	
3/21/2011	<0.0002	
4/28/2011	<0.0002	
10/26/2011	8.2E-05 (J)	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00011 (JB)	
10/13/2016	<0.0002	
12/5/2016	0.00013 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/17/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		9E-05 (J)
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (JB)	
10/13/2016	<0.0002	
12/6/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
10/11/2016	<0.001	
4/10/2017	<0.001	
10/9/2017	0.0024 (JO)	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00037 (J)	
9/10/2020	0.00095 (J)	
4/2/2021	0.00046 (J)	
8/12/2021	0.0011	
2/14/2022	<0.001	
8/26/2022	0.0012 (B)	
2/28/2023		0.0015
8/2/2023		0.00086 (J)
2/29/2024		0.00097 (J)
8/6/2024		0.00096 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.003 (JO)	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00049 (J)	
8/12/2021	0.00042 (J)	
2/15/2022	0.0014	
8/26/2022	0.00065 (JB)	
2/28/2023		0.00091 (J)
8/3/2023		0.00067 (J)
3/4/2024		0.00055 (J)
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00061 (J)	
3/19/2020	0.00074 (J)	
9/11/2020	0.001	
4/2/2021	0.00077 (J)	
8/12/2021	0.00092 (J)	
2/14/2022	<0.001	
8/31/2022	0.00065 (JB)	
2/28/2023		0.00064 (J)
8/3/2023		0.00067 (J)
3/4/2024		0.0011
8/8/2024		0.00048 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	0.0035 (JO)	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.0004 (J)	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	0.00056 (JB)	
2/28/2023		<0.001
8/3/2023		0.00045 (J)
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.003 (J)	
2/1/2011	0.0072	
3/23/2011	<0.001	
4/27/2011	0.003 (I)	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0066	
5/7/2013	0.022	
11/5/2013	0.0093	
5/23/2014	0.0045 (J)	
11/7/2014	0.0049 (J)	
5/21/2015	0.012	
11/12/2015	0.019	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0052	
2/14/2011	0.016	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	0.0035 (I)	
11/8/2012	0.0046 (J)	
5/7/2013	0.0087	
11/5/2013	0.0036 (J)	
5/23/2014	<0.001	
11/7/2014	0.0064	
5/21/2015	0.0045 (J)	
11/12/2015	0.0036 (J)	
4/7/2016	<0.001	
10/14/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0004 (J)	
9/11/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00043 (J)	
3/19/2020	<0.001	
9/10/2020	0.00062 (J)	
4/6/2021	<0.001	
8/12/2021	0.0019	
2/14/2022	0.00088 (J)	
8/30/2022	0.00074 (JB)	
3/1/2023		<0.001
8/3/2023		0.00046 (J)
3/4/2024		<0.001
8/9/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0032 (J)	
11/13/2015	<0.005	
4/11/2016	0.00388 (J)	
10/11/2016	0.0047	
4/10/2017	0.0042	
10/10/2017	0.0037	
3/26/2018	0.0037	
10/4/2018	0.0037	
3/28/2019	0.0038	
9/12/2019	0.0035	
3/19/2020	0.0039	
9/10/2020	0.0035	
4/6/2021	0.0042 (B)	
8/13/2021	0.0037	
2/14/2022	0.0034	
8/31/2022	0.0033 (B)	
3/1/2023		0.0038
8/3/2023		0.0031
3/4/2024		0.0028
8/8/2024		0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/11/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021	0.0019 (B)	
8/13/2021	0.0036	
2/14/2022	0.0026	
8/31/2022	0.0031 (B)	
3/1/2023		0.0073
8/3/2023		0.0033
3/4/2024		0.0029
8/8/2024		0.003

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/13/2016	<0.0025	
4/10/2017	<0.0025	
10/11/2017	0.0018 (J)	
3/26/2018	0.0021 (J)	
10/4/2018	0.0024 (J)	
3/27/2019	0.0024 (J)	
9/12/2019	0.0019	
3/19/2020	0.0021	
9/11/2020	0.002	
4/5/2021	0.002	
8/13/2021	0.0034	
2/15/2022	0.0024	
8/31/2022	0.0025 (B)	
2/28/2023		0.0028
8/3/2023		0.0028
3/4/2024		0.0024
8/8/2024		0.0027

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.006	
2/14/2011	0.0067	
3/21/2011	0.0066	
4/27/2011	0.0077	
10/26/2011	0.0063	
5/1/2012	0.0068	
11/9/2012	0.0067	
5/8/2013	0.0066	
11/4/2013	0.0072	
5/24/2014	0.0053	
11/7/2014	0.0052	
5/20/2015	0.0067	
11/13/2015	0.0063	
4/8/2016	0.0076 (J)	
10/13/2016	0.0073	
4/11/2017	0.0075	
10/11/2017	0.0072	
3/26/2018	0.0075	
10/4/2018	0.0073	
3/28/2019	0.0069	
9/12/2019	0.007	
3/19/2020	0.007	
9/11/2020	0.0074	
4/6/2021	0.0072 (B)	
8/13/2021	0.0073	
2/14/2022	0.0071	
8/31/2022	0.0069 (B)	
2/28/2023		0.0073
8/3/2023		0.0071
3/4/2024		0.0077
8/8/2024		0.0077

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	5.72	
2/14/2011	6.01	
3/22/2011	5.65	
4/26/2011	5.67	
10/27/2011	5.95	
5/1/2012	5.88	
11/8/2012	5.82	
5/7/2013	5.48	
11/4/2013	5.97	
5/24/2014	5.52	
11/8/2014	5.89 (D)	
5/21/2015	5.64	
11/13/2015	5.65 (D)	
4/6/2016	6	
6/14/2016	5.75	
8/10/2016	5.75	
10/11/2016	5.8	
12/2/2016	5.78	
2/10/2017	5.83	
4/10/2017	5.74	
6/23/2017	5.83	
6/26/2017	5.83	
10/9/2017	5.61	
3/26/2018	5.76	
10/3/2018	5.78	
3/27/2019	5.97	
9/12/2019	5.83	
3/19/2020	5.81	
9/10/2020	5.83	
4/2/2021	6.06	
8/12/2021	5.88	
2/14/2022	5.99	
8/26/2022	5.73	
2/28/2023		5.81
8/2/2023		5.86
2/29/2024		5.8
8/6/2024		5.76

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	5.97	
2/14/2011	6.37	
3/22/2011	5.83	
4/26/2011	5.87	
10/27/2011	6.14	
5/1/2012	6.2	
11/8/2012	5.77	
5/7/2013	5.94	
11/4/2013	5.87	
5/24/2014	5.83	
11/8/2014	5.92 (D)	
5/21/2015	5.97 (D)	
11/13/2015	5.8 (D)	
4/8/2016	6.12	
6/14/2016	5.84	
8/9/2016	5.75	
10/11/2016	5.84	
12/5/2016	5.7	
2/10/2017	6.17	
4/7/2017	5.99	
6/26/2017	5.87	
10/9/2017	5.52	
3/26/2018	6.06	
10/3/2018	5.83	
3/27/2019	6.04	
9/12/2019	5.87	
3/19/2020	6.14	
9/10/2020	5.78	
4/2/2021	6.03	
8/12/2021	5.91	
2/15/2022	6.4	
8/26/2022	5.86	
2/28/2023		6.21
8/3/2023		6.03
3/4/2024		6.41
8/8/2024		5.93

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	6.21	
2/14/2011	6.17	
3/21/2011	6.14	
4/26/2011	5.91	
10/26/2011	6.39	
5/1/2012	6.32	
11/8/2012	6.08	
5/8/2013	6.34	
11/4/2013	6.36	
5/24/2014	5.94	
11/7/2014	6.26 (D)	
5/20/2015	6	
11/13/2015	6.02 (D)	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021	5.92	
8/12/2021	5.92	
2/14/2022	6.31	
8/31/2022	6.03	
10/25/2022		5.99
11/16/2022		6.02
2/28/2023		5.88
8/3/2023		5.93
3/4/2024		6.54
8/8/2024		5.9
11/7/2024		6.19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	5.54	
2/1/2011	5.55	
3/21/2011	5.61	
4/26/2011	5.6	
10/27/2011	5.77	
5/2/2012	5.72	
11/8/2012	5.83	
5/7/2013	5.94	
11/4/2013	5.94	
5/24/2014	5.45	
11/7/2014	5.92 (D)	
5/20/2015	5.8	
11/13/2015	5.78 (D)	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
8/9/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021	5.92	
6/1/2021	5.8	
8/12/2021	5.71	
2/14/2022	5.85	
8/31/2022	5.8	
10/25/2022		5.88
11/16/2022		5.88
2/28/2023		5.91
8/3/2023		5.84
3/4/2024		5.94
8/8/2024		5.77

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	6.25	
2/1/2011	6.26	
3/23/2011	6.36	
4/27/2011	6.67	
10/26/2011	6.41	
5/1/2012	6.33	
11/8/2012	6.31	
5/7/2013	6.41	
11/5/2013	6.6	
5/23/2014	6.17	
11/7/2014	6.54 (D)	
5/21/2015	6.41	
11/12/2015	6.43 (D)	
4/7/2016	6.46	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021	6.59	
6/1/2021	6.46	
8/13/2021	6.33	
2/14/2022	6.6	
8/31/2022	6.53	
10/25/2022		6.48
11/16/2022		6.51
2/28/2023		6.52
8/3/2023		6.42
3/4/2024		6.49
8/8/2024		6.34

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	6.91	
2/14/2011	6.73	
3/23/2011	6.88	
4/27/2011	6.63	
10/25/2011	6.87	
5/1/2012	6.76	
11/8/2012	6.72	
5/7/2013	6.79	
11/5/2013	7.11	
5/23/2014	6.6	
11/7/2014	6.91 (D)	
5/21/2015	6.77	
11/12/2015	6.81	
11/13/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021	6.78	
6/1/2021	6.78	
8/12/2021	6.86	
2/14/2022	6.93	
8/31/2022	6.91	
10/25/2022		6.81
11/16/2022		6.83
2/28/2023		6.87
8/3/2023		6.84
3/4/2024		6.86
8/8/2024		6.72

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	6.68	
2/14/2011	6.88	
3/21/2011	6.58	
4/26/2011	6.21	
10/26/2011	6.98	
5/2/2012	6.8	
11/8/2012	6.88	
5/8/2013	6.97	
11/5/2013	6.81	
5/23/2014	6.58	
11/7/2014	6.99 (D)	
5/21/2015	6.79	
11/12/2015	7 (D)	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021	6.87	
8/12/2021	6.86	
2/14/2022	7.1	
8/30/2022	7.08	
10/25/2022		6.96
11/16/2022		6.91
3/1/2023		6.98
8/3/2023		6.88
3/4/2024		6.96
8/9/2024		6.82

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	5.62	
2/15/2011	5.89	
3/22/2011	5.61	
4/27/2011	5.53	
10/26/2011	5.91	
5/2/2012	5.95	
11/8/2012	5.72	
5/8/2013	6.12	
11/4/2013	5.62	
5/24/2014	5.62	
5/22/2015	5.8 (D)	
11/13/2015	5.87 (D)	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021	6.3	
8/13/2021	6.18	
2/14/2022	6.29	
8/31/2022	6.21	
10/25/2022		6.21
11/16/2022		6.14
3/1/2023		6.11
8/3/2023		5.94
3/4/2024		6.52
8/8/2024		6.14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	5.68	
2/15/2011	6.06	
3/22/2011	5.61	
4/27/2011	5.52	
10/26/2011	5.99	
5/2/2012	6	
11/8/2012	5.6	
5/8/2013	5.89	
11/4/2013	5.51	
5/24/2014	5.66	
11/8/2014	5.94 (D)	
5/22/2015	5.79 (D)	
11/13/2015	5.92 (D)	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021	5.76	
8/13/2021	5.86	
2/14/2022	5.9	
8/31/2022	5.85	
10/25/2022		5.89
11/16/2022		5.81
3/1/2023		5.69
5/2/2023		5.82
8/3/2023		5.89
3/4/2024		5.77
8/8/2024		5.74

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	5.67	
2/15/2011	5.98	
3/22/2011	5.74	
4/27/2011	5.67	
10/26/2011	6	
5/2/2012	5.96	
11/8/2012	5.78	
5/8/2013	5.64	
11/4/2013	6	
5/24/2014	5.71	
11/7/2014	5.95 (D)	
5/22/2015	5.84 (D)	
5/25/2015	8.36 (O)	
11/13/2015	5.82 (D)	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021	5.99	
6/2/2021	5.87	
8/13/2021	5.92	
2/15/2022	6.02	
8/31/2022	5.91	
10/25/2022		5.94
11/16/2022		5.87
2/28/2023		5.86
8/3/2023		5.86
3/4/2024		5.85
8/8/2024		5.91

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	6.52	
2/15/2011	6.42	
3/21/2011	6.41	
4/28/2011	6.4	
10/26/2011	6.81	
5/1/2012	6.74	
11/9/2012	6.77	
5/8/2013	6.6	
11/4/2013	6.9	
5/24/2014	6.5	
11/7/2014	6.75 (D)	
5/22/2015	6.65 (D)	
5/25/2015	7.63 (O)	
11/13/2015	6.77 (D)	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021	6.68	
6/2/2021	6.6	
8/17/2021	6.63	
2/14/2022	6.79	
8/31/2022	6.74	
10/25/2022		6.65
11/16/2022		6.65
3/1/2023		6.59
8/3/2023		6.63
3/4/2024		7.01
8/8/2024		6.54

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	5.63	
2/14/2011	5.61	
3/21/2011	5.71	
4/27/2011	5.71	
10/26/2011	5.66	
5/1/2012	5.58	
11/9/2012	5.53	
5/8/2013	6.14	
11/4/2013	5.54	
5/24/2014	5.37	
11/7/2014	5.67 (D)	
5/20/2015	5.49	
11/13/2015	5.52 (D)	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022		5.64
11/16/2022		5.65
2/28/2023		5.66
8/3/2023		5.56
10/4/2023		5.63
3/4/2024		5.9
5/20/2024		5.61
8/8/2024		5.58
11/7/2024		5.73

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	0.0048 (JV)	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041 (J)	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	0.0032	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0048 (J)	
11/4/2013	<0.005	
5/24/2014	0.0042 (J)	
11/7/2014	<0.005	
5/20/2015	0.0093 (JO)	
11/13/2015	0.0061 (JO)	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0004 (J)	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		0.00076 (J)
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.0064 (JO)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0021	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0046 (J)	
11/5/2013	0.0047 (JV)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (JO)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.00069 (J)	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	0.004 (J)	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0041 (J)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	0.00092 (J)	
6/22/2017	0.0013	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/9/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	0.0044 (J)	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.00032 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0042 (J)	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.0021	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0049 (JV)	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (JO)	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	0.00036 (J)	
10/13/2016	0.00035 (J)	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.0027	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.0004 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		0.00099 (J)
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	0.00046 (J)	
12/6/2016	<0.005	
2/13/2017	0.0025	
4/11/2017	0.00089 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.813 (J)	
6/14/2016	1.1	
8/10/2016	0.9 (J)	
10/11/2016	0.99 (J)	
12/2/2016	0.99 (J)	
2/10/2017	1.4	
4/10/2017	1.6	
6/23/2017	1.8	
10/9/2017	2.5	
3/26/2018	2.3	
10/3/2018	1.9	
3/27/2019	0.81 (J)	
9/12/2019	1.3	
3/19/2020	0.92 (J)	
9/10/2020	1.3	
4/2/2021	0.99 (J)	
8/12/2021	1.8	
2/14/2022	1	
8/26/2022	2.7	
2/28/2023		2.7
8/2/2023		1.4
2/29/2024		2.8
8/6/2024		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	0.14 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/26/2017	<1	
10/9/2017	<1	
3/26/2018	<1	
10/3/2018	<1	
3/27/2019	<1	
9/12/2019	0.38 (J)	
3/19/2020	<1	
9/10/2020	<1	
4/2/2021	<1	
8/12/2021	<1	
2/15/2022	0.87 (J)	
8/26/2022	<1	
2/28/2023		1.7
8/3/2023		<1
3/4/2024		<1
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160 (D)	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021	180	
8/12/2021	180	
2/14/2022	130	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		160
8/8/2024	300 (o)	
11/7/2024		160

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	0.43 (J)	
8/9/2016	<1	
10/10/2016	<1	
12/2/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/23/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/27/2019	0.52 (J)	
9/12/2019	0.61 (J)	
3/19/2020	0.39 (J)	
9/11/2020	0.99 (J)	
4/5/2021	<1	
8/12/2021	1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023		1.7
8/3/2023		0.49 (J)
3/4/2024		0.64 (J)
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.334 (J)	
6/14/2016	0.35 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/5/2018	<1	
3/27/2019	<1	
9/12/2019	0.4 (J)	
3/20/2020	0.58 (J)	
9/11/2020	0.39 (J)	
4/5/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023		1.6
8/3/2023		<1
3/4/2024		0.46 (J)
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1 (D)	
8/10/2016	1.1	
10/14/2016	0.89 (J)	
12/19/2016	1.2	
2/13/2017	1.4	
4/7/2017	1.2	
6/22/2017	1.1	
10/10/2017	0.92 (J)	
3/23/2018	1.3	
10/3/2018	1.2	
3/27/2019	1.6	
9/12/2019	1.2	
3/19/2020	1.5	
9/11/2020	1.3	
4/5/2021	1.3	
8/12/2021	1	
2/14/2022	1.2	
8/31/2022	1.6	
2/28/2023		2.5
8/3/2023		0.94 (J)
3/4/2024		1.4
8/8/2024		0.66 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	0.55 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/27/2019	0.56 (J)	
9/12/2019	0.77 (J)	
3/19/2020	0.56 (J)	
9/10/2020	0.42 (J)	
4/6/2021	<1	
8/12/2021	<1	
2/14/2022	0.85 (J)	
8/30/2022	0.76 (J)	
3/1/2023		1.2
8/3/2023		0.46 (J)
3/4/2024		0.66 (J)
8/9/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	2.15	
6/15/2016	2.5	
8/10/2016	2.5	
10/11/2016	2.7	
12/5/2016	2.6	
2/13/2017	2.4	
4/10/2017	2.3	
6/23/2017	2.5	
10/10/2017	2.5	
3/26/2018	2.4	
10/4/2018	2.8	
3/28/2019	3.2	
9/12/2019	3.2	
3/19/2020	3.2	
9/10/2020	2.7	
4/6/2021	2.5	
8/13/2021	2.7	
2/14/2022	2.9	
8/31/2022	2.8	
3/1/2023		2.4
8/3/2023		1.7
3/4/2024		2.1
8/8/2024		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/13/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/28/2019	0.38 (J)	
9/12/2019	<1	
3/19/2020	<1	
9/10/2020	<1	
4/6/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	0.88 (J)	
3/1/2023	170 (o)	
8/3/2023		<1
3/4/2024		<1
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	0.5 (J)	
8/10/2016	<1	
10/13/2016	<1	
12/5/2016	<1	
2/13/2017	<1	
4/10/2017	<1	
6/23/2017	<1	
10/11/2017	<1	
3/26/2018	<1	
10/4/2018	<1	
3/27/2019	2.7	
9/12/2019	0.65 (J)	
3/19/2020	0.71 (J)	
9/11/2020	2.6	
4/5/2021	1.7	
8/13/2021	1.4	
2/15/2022	1.8	
8/31/2022	2.4	
2/28/2023		3.2
8/3/2023		2.2
3/4/2024		2.9
8/8/2024		2.8

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8 (F1)	
10/13/2016	11	
12/5/2016	13	
2/13/2017	14	
4/11/2017	12	
6/24/2017	12	
10/11/2017	13	
3/26/2018	20	
10/4/2018	23	
3/28/2019		29
9/12/2019		34
3/19/2020		40
9/11/2020		39
4/5/2021		57 (F1)
8/17/2021		54
2/14/2022		56
8/31/2022		65
3/1/2023		70
8/3/2023		74
3/4/2024		90
8/8/2024		41

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021	160	
8/13/2021	170	
2/14/2022	150	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		180
8/8/2024	340 (o)	
11/7/2024		180

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	51	
6/14/2016	62	
8/10/2016	70	
10/11/2016	84	
12/2/2016	74	
2/10/2017	100	
4/10/2017	82	
6/23/2017	72	
10/9/2017	82	
3/26/2018	94	
10/3/2018	72	
3/27/2019	98	
9/12/2019	130	
3/19/2020	100	
9/10/2020	110	
4/2/2021	100	
8/12/2021	98	
2/14/2022	100	
8/26/2022	110	
2/28/2023		98
8/2/2023		98
2/29/2024		92
8/6/2024		87

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	74	
6/14/2016	111	
8/9/2016	44	
10/11/2016	64	
12/5/2016	52	
2/10/2017	86	
4/7/2017	68	
6/26/2017	76	
10/9/2017	50	
3/26/2018	56	
10/3/2018	42	
3/27/2019	76	
9/12/2019	72	
3/19/2020	65	
9/10/2020	56	
4/2/2021	69	
8/12/2021	68	
2/15/2022	85	
8/26/2022	83	
2/28/2023		99
8/3/2023		77
3/4/2024		96
8/8/2024		73

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	237	
6/14/2016	240	
8/9/2016	230	
10/10/2016	240	
12/2/2016	270	
2/9/2017	240	
4/7/2017	260	
6/22/2017	300	
10/10/2017	280	
3/22/2018	310	
10/3/2018	190	
3/27/2019	290	
9/12/2019	340	
3/19/2020	310	
9/11/2020	340	
4/2/2021	360	
8/12/2021	330	
2/14/2022	290	
11/16/2022		300
2/28/2023		320
8/3/2023		310
3/4/2024		310
8/8/2024		290

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	69	
6/14/2016	<25	
8/9/2016	40	
10/10/2016	34	
12/2/2016	50	
2/10/2017	60	
4/7/2017	70	
6/23/2017	42	
10/10/2017	34	
3/23/2018	52	
10/4/2018	48	
3/27/2019	66	
9/12/2019	97	
3/19/2020	51	
9/11/2020	51	
4/5/2021	46	
8/12/2021	55	
2/14/2022	68	
11/16/2022		55
2/28/2023		64
8/3/2023		63
3/4/2024		66
8/8/2024		67

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	89	
6/14/2016	55	
8/9/2016	90	
10/11/2016	86	
12/5/2016	74	
2/10/2017	100	
4/7/2017	92	
6/22/2017	64	
10/10/2017	68	
3/22/2018	92	
10/5/2018	90	
3/27/2019	94	
9/12/2019	88	
3/20/2020	99	
9/11/2020	110	
4/5/2021	63	
8/13/2021	110	
2/14/2022	94	
11/16/2022		94
2/28/2023		120
8/3/2023		100
3/4/2024		99
8/8/2024		100

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	100	
6/17/2016	69	
8/10/2016	110	
10/14/2016	100	
12/19/2016	100	
2/13/2017	80	
4/7/2017	86	
6/22/2017	72	
10/10/2017	70	
3/23/2018	86	
10/3/2018	88	
3/27/2019	100	
9/12/2019	110	
3/19/2020	97	
9/11/2020	120	
4/5/2021	99	
8/12/2021	100	
2/14/2022	100	
11/16/2022		100
2/28/2023		110
8/3/2023		100
3/4/2024		100
8/8/2024		94

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	114	
6/14/2016	56 (O)	
8/9/2016	100	
10/11/2016	110	
12/2/2016	94	
2/9/2017	100	
4/7/2017	100	
6/22/2017	110	
10/10/2017	100	
3/22/2018	100	
10/3/2018	96	
3/27/2019	120	
9/12/2019	120	
3/19/2020	110	
9/10/2020	130	
4/6/2021	110	
8/12/2021	120	
2/14/2022	110	
11/16/2022		110
3/1/2023		120
8/3/2023		130
3/4/2024		110
8/9/2024		110

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	88	
6/15/2016	114	
8/10/2016	82	
10/11/2016	92	
12/5/2016	86	
2/13/2017	62	
4/10/2017	60	
6/23/2017	74	
10/10/2017	86	
3/26/2018	58	
10/4/2018	130	
3/28/2019	88	
9/12/2019	110	
3/19/2020	110	
9/10/2020	120	
4/6/2021	110	
8/13/2021	120	
2/14/2022	120	
11/16/2022		110
3/1/2023		130
8/3/2023		120
3/4/2024		110
8/8/2024		110

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	79	
6/15/2016	79	
8/10/2016	72	
10/11/2016	76	
12/2/2016	60	
2/13/2017	58	
4/7/2017	68	
6/22/2017	16	
10/10/2017	44	
3/23/2018	96	
10/4/2018	110	
3/28/2019	65	
9/12/2019	89	
3/19/2020	64	
9/10/2020	82	
4/6/2021	49	
8/13/2021	72	
2/14/2022	79	
11/16/2022		76
3/1/2023	290 (o)	
8/3/2023		77
3/4/2024		68
8/8/2024		76

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	88	
6/16/2016	74	
8/10/2016	66	
10/13/2016	72	
12/5/2016	70	
2/13/2017	12 (O)	
4/10/2017	80	
6/23/2017	66	
10/11/2017	56	
3/26/2018	72	
10/4/2018	96	
3/27/2019	76	
9/12/2019	110	
3/19/2020	66	
9/11/2020	87	
4/5/2021	66	
8/13/2021	92	
2/15/2022	67	
11/16/2022		89
2/28/2023		84
8/3/2023		82
3/4/2024		86
8/8/2024		84

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	103	
6/16/2016	117	
8/11/2016	94	
10/13/2016	110	
12/5/2016	130	
2/13/2017	92	
4/11/2017	120	
6/24/2017	120	
10/11/2017	120	
3/26/2018	98	
10/4/2018	190	
3/28/2019	140	
9/12/2019	160	
3/19/2020	160	
9/11/2020	170	
4/5/2021	170	
8/17/2021	180	
2/14/2022	150	
11/16/2022		180
3/1/2023		190
8/3/2023		200
3/4/2024		200
8/8/2024		210

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021	250	
8/13/2021	290	
2/14/2022	280	
11/16/2022		270
2/28/2023		280
8/3/2023		290
3/4/2024		310
8/8/2024		290

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	0.00025 (J)	
5/24/2014	<0.001	
11/8/2014	0.00048 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00016 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/2/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.00086 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00036 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.00026 (J)	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	0.00032 (J)	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (JB)	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00018 (JB)	
9/11/2020	<0.001	
4/5/2021	0.00043 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.00028 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00022 (J)	
8/13/2021	<0.001	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0028 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	<0.0025	
5/1/2012	0.004 (I)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	0.00201 (J)	
10/11/2016	0.0067	
4/10/2017	0.002 (J)	
10/9/2017	<0.0025	
3/26/2018	0.0014 (J)	
10/3/2018	0.0023 (J)	
3/27/2019	0.0072	
9/12/2019	0.0031	
3/19/2020	0.003	
9/10/2020	0.0027	
4/2/2021	0.0029	
8/12/2021	0.004	
2/14/2022	0.0033	
8/26/2022	0.0028	
2/28/2023		0.0036
8/2/2023		0.0035
2/29/2024		0.0025
8/6/2024		0.003

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0032 (J)	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	0.0037 (I)	
11/8/2012	<0.0025	
5/7/2013	0.0041 (J)	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	0.0052 (J)	
11/13/2015	<0.0025	
4/8/2016	0.00339 (J)	
10/11/2016	0.0037	
4/7/2017	0.0033	
10/9/2017	<0.0025	
3/26/2018	0.0029	
10/3/2018	0.0022 (J)	
3/27/2019	0.0071	
9/12/2019	0.0025	
3/19/2020	0.0052	
9/10/2020	0.0025	
4/2/2021	0.0045	
8/12/2021	0.0028	
2/15/2022	0.0083	
8/26/2022	0.002	
2/28/2023		0.0071
8/3/2023		0.0037
3/4/2024		0.0081
8/8/2024		0.0034

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	0.0022 (I)	
10/26/2011	<0.0025	
5/1/2012	0.0036 (I)	
11/8/2012	0.0062 (J)	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
10/10/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	0.0023 (JB)	
9/12/2019	0.0017	
3/19/2020	0.0031	
9/11/2020	0.0015	
4/2/2021	0.0014	
8/12/2021	0.0017	
2/14/2022	0.0028	
8/31/2022	0.0011	
2/28/2023		0.0018
8/3/2023		0.0012 (J)
3/4/2024		0.0024
8/8/2024		0.00075 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0024 (J)	
2/1/2011	0.0021 (J)	
3/21/2011	0.0025 (J)	
4/26/2011	0.0033 (I)	
10/27/2011	0.003 (J)	
5/2/2012	0.0051 (I)	
11/8/2012	0.02 (O)	
5/7/2013	0.0036 (J)	
11/4/2013	0.0043 (J)	
5/24/2014	0.0033 (J)	
11/7/2014	<0.0025	
5/20/2015	0.0062 (J)	
11/13/2015	0.0046 (J)	
4/7/2016	0.00293 (J)	
10/10/2016	0.0031	
4/7/2017	0.0041	
10/10/2017	<0.0025	
3/23/2018	0.0032	
10/4/2018	0.0034	
3/27/2019	0.0072 (B)	
9/12/2019	0.0033	
3/19/2020	0.0033	
9/11/2020	0.0026	
4/5/2021	0.003	
8/12/2021	0.0031	
2/14/2022	0.0032	
8/31/2022	0.0027	
2/28/2023		0.0037
8/3/2023		0.0026
3/4/2024		0.0028
8/8/2024		0.0019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0051 (J)	
2/1/2011	0.012	
3/23/2011	0.015	
4/27/2011	0.022	
10/26/2011	0.0043 (J)	
5/1/2012	0.0069 (I)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041 (O)	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	0.00606 (J)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	0.0092	
3/27/2019	0.012 (B)	
9/12/2019	0.0075	
3/20/2020	0.0086	
9/11/2020	0.007	
4/5/2021	0.0085	
8/13/2021	0.0078	
2/14/2022	0.0076	
8/31/2022	0.0073	
2/28/2023		0.0078
8/3/2023		0.0072
3/4/2024		0.0078
8/8/2024		0.0079

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0091 (J)	
2/14/2011	0.013	
3/23/2011	0.01	
4/27/2011	0.0078 (I)	
10/25/2011	0.012	
5/1/2012	0.019	
11/8/2012	0.015	
5/7/2013	0.017	
11/5/2013	0.015	
5/23/2014	0.017	
11/7/2014	0.013	
5/21/2015	0.016	
11/12/2015	0.018	
4/7/2016	0.016	
10/14/2016	0.018	
4/7/2017	0.017	
10/10/2017	0.015	
3/23/2018	0.016	
10/3/2018	0.017	
3/27/2019	0.022 (B)	
9/12/2019	0.019	
3/19/2020	0.019	
9/11/2020	0.017	
4/5/2021	0.019	
8/12/2021	0.019	
2/14/2022	0.019	
8/31/2022	0.018	
2/28/2023		0.02
8/3/2023		0.017
3/4/2024		0.018
8/8/2024		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.016	
2/14/2011	0.016	
3/21/2011	0.018	
4/26/2011	0.018	
10/26/2011	0.018	
5/2/2012	0.021	
11/8/2012	0.019	
5/8/2013	0.02	
11/5/2013	0.018	
5/23/2014	0.018	
11/7/2014	0.018	
5/21/2015	0.02	
11/12/2015	0.016	
4/7/2016	0.0182	
10/11/2016	0.023	
4/7/2017	0.02	
10/10/2017	0.016	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.021 (B)	
9/12/2019	0.02	
3/19/2020	0.02	
9/10/2020	0.018	
4/6/2021	0.021	
8/12/2021	0.02	
2/14/2022	0.02	
8/30/2022	0.019	
3/1/2023		0.019
8/3/2023		0.019
3/4/2024		0.018
8/9/2024		0.019

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0037 (J)	
2/15/2011	0.0043 (J)	
3/22/2011	0.0039 (J)	
4/27/2011	0.0035 (I)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (I)	
11/8/2012	0.0051 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0039 (J)	
5/24/2014	0.0053 (J)	
11/7/2014	0.0034 (J)	
5/22/2015	0.0068 (J)	
11/13/2015	0.0044 (J)	
4/11/2016	0.00381 (J)	
10/11/2016	0.0082	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	0.0053	
3/28/2019	0.0079	
9/12/2019	0.0054	
3/19/2020	0.0044	
9/10/2020	0.0049	
4/6/2021	0.0045	
8/13/2021	0.0061	
2/14/2022	0.0047	
8/31/2022	0.0055	
3/1/2023		0.0051
8/3/2023		0.005
3/4/2024		0.0045
8/8/2024		0.0047

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (I)	
10/26/2011	<0.001	
5/2/2012	0.0039 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.001	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.001	
5/22/2015	0.0044 (J)	
11/13/2015	<0.001	
4/11/2016	0.00254 (J)	
10/11/2016	0.0056	
4/7/2017	0.0024 (J)	
10/10/2017	<0.001	
3/23/2018	0.0023 (J)	
10/4/2018	0.0037	
3/28/2019	0.0053	
9/12/2019	0.0028	
3/19/2020	0.0027	
9/10/2020	0.0026	
4/6/2021	0.0026	
8/13/2021	0.0093	
2/14/2022	0.0042	
8/31/2022	0.0031	
3/1/2023		<0.001
8/3/2023		0.0029
3/4/2024		0.0025
8/8/2024		0.0021

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	0.004 (J)	
4/27/2011	0.0046 (I)	
10/26/2011	<0.01	
5/2/2012	0.0055 (I)	
11/8/2012	0.0042 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0042 (J)	
5/24/2014	0.0061 (J)	
11/7/2014	0.0032 (J)	
5/22/2015	0.0056 (J)	
11/13/2015	<0.01	
4/11/2016	0.00415 (J)	
10/13/2016	0.0047	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	0.0066	
3/27/2019	0.0087 (B)	
9/12/2019	0.0047	
3/19/2020	0.0046	
9/11/2020	0.0042	
4/5/2021	0.0059	
8/13/2021	0.0072	
2/15/2022	0.0049	
8/31/2022	0.0038	
2/28/2023		0.0052
8/3/2023		0.0041
3/4/2024		0.0041
8/8/2024		0.0039

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0098 (J)	
3/21/2011	0.012	
4/28/2011	0.011	
10/26/2011	0.012	
5/1/2012	0.011	
11/9/2012	0.011	
5/8/2013	0.01	
11/4/2013	0.011	
5/24/2014	0.012	
11/7/2014	0.01	
5/22/2015	0.013	
11/13/2015	0.014	
4/11/2016	0.0107	
10/13/2016	0.011	
4/11/2017	0.011	
10/11/2017	0.012	
3/26/2018	0.0096	
10/4/2018	0.013	
3/28/2019	0.01	
9/12/2019	0.011	
3/19/2020	0.01	
9/11/2020	0.0099	
4/5/2021	0.011	
8/17/2021	0.011	
2/14/2022	0.011	
8/31/2022	0.01	
3/1/2023		0.011
8/3/2023		0.0088
3/4/2024		0.0098
8/8/2024		0.009

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	0.0032	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0065 (J)	
11/13/2015	<0.002	
4/8/2016	<0.002	
10/13/2016	<0.002	
4/11/2017	<0.002	
10/11/2017	0.0019 (J)	
3/26/2018	<0.002	
10/4/2018	0.0037	
3/28/2019	0.0041	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0016	
2/14/2022	0.0014	
8/31/2022	0.00095 (J)	
2/28/2023		0.0023
8/3/2023		<0.002
3/4/2024		0.00066 (J)
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0046 (JB)	
3/19/2020	<0.005	
9/10/2020	0.0048 (J)	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/26/2022	<0.005	
2/28/2023		<0.005
8/2/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	0.039 (O)	
4/8/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0085 (B)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.003 (J)	
8/26/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		0.0059
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00345 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0095 (B)	
3/19/2020	0.0037 (J)	
9/11/2020	0.0098	
4/2/2021	0.0058	
8/12/2021	0.006	
2/14/2022	0.003 (J)	
8/31/2022	0.0051	
2/28/2023		0.0062 (JB)
8/3/2023		0.0051
3/4/2024		0.0035 (J)
8/8/2024		0.0046 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	0.013 (JO)	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00265 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	0.0096 (J)	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0091 (B)	
3/19/2020	0.0035 (J)	
9/11/2020	0.0038 (J)	
4/5/2021	0.0049 (J)	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0032 (J)	
2/28/2023		<0.005
8/3/2023		0.0037 (J)
3/4/2024		<0.005
8/8/2024		0.003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0087 (J)	
11/5/2013	<0.005	
5/23/2014	0.014 (JO)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	0.00228 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0049 (JB)	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.008 (J)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00287 (J)	
10/14/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0048 (JB)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0039 (J)	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00208 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0041 (JB)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/9/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0058 (B)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	0.0076 (J)	
3/28/2019	<0.005	
9/12/2019	0.0057 (B)	
3/19/2020	0.0037 (J)	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	0.0053	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	0.016 (o)	
5/2/2023		<0.005
8/3/2023		0.0033 (J)
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	0.00333 (J)	
10/13/2016	<0.005	
4/10/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0042 (JB)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/15/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		0.0035 (J)
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/13/2016	<0.005	
4/11/2017	0.0065 (J)	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0073 (B)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0095 (J)	
2/14/2011	0.0092 (J)	
3/21/2011	0.011 (J)	
4/27/2011	0.0096 (I)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (I)	
11/9/2012	0.014 (J)	
5/8/2013	0.016 (J)	
11/4/2013	0.014 (J)	
5/24/2014	0.013 (J)	
11/7/2014	0.014 (J)	
5/20/2015	0.015 (J)	
11/13/2015	0.015 (J)	
4/8/2016	0.0136	
10/13/2016	0.015 (J)	
4/11/2017	0.015 (J)	
10/11/2017	0.019 (J)	
3/26/2018	0.016 (J)	
10/4/2018	0.017 (J)	
3/28/2019	0.013 (J)	
9/12/2019	0.02 (B)	
3/19/2020	0.014	
9/11/2020	0.014	
4/6/2021	0.014	
8/13/2021	0.017	
2/14/2022	0.014	
8/31/2022	0.015	
2/28/2023		0.014 (JB)
8/3/2023		0.015
3/4/2024		0.013
8/8/2024		0.015

FIGURE E.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**2/26/2025**	**0.033**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**2/26/2025**	**0.0078**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWA-45**	**0.0062**	**n/a**	**2/26/2025**	**0.0082**	**Yes**	**31**	**n/a**	**n/a**	**48.39**	**n/a**	**n/a**	**0.001905**	**NP Intra (normality) 1 of 2**
Vanadium (mg/L)	**GWA-46**	**0.006277**	**n/a**	**2/26/2025**	**0.0069**	**Yes**	**30**	**0.05652**	**0.01052**	**6.667**	**None**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWA-49**	**0.02234**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**31**	**0.01881**	**0.001639**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-50**	**0.007096**	**n/a**	**2/26/2025**	**0.009**	**Yes**	**31**	**0.05081**	**0.01553**	**25.81**	**Kaplan-Meier**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-51**	**0.00737**	**n/a**	**2/26/2025**	**0.01**	**Yes**	**31**	**0.004792**	**0.001198**	**6.452**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-52**	**0.01339**	**n/a**	**2/26/2025**	**0.014**	**Yes**	**31**	**0.01086**	**0.001174**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-21	0.002	n/a	2/25/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-46	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-47	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-48	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-51	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-22	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-45	0.0015	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-46	0.0013	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-47	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-49	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-29	0.0013	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-50	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-52	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-53	0.0013	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-21	0.02877	n/a	2/25/2025	0.019	No	35	0.02245	0.002972	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-22	0.03038	n/a	2/25/2025	0.024	No	36	0.02404	0.002991	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-45	0.07871	n/a	2/26/2025	0.052	No	32	0.03994	0.01806	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-46	0.02426	n/a	2/26/2025	0.023	No	35	0.02016	0.001929	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-47	0.04523	n/a	2/26/2025	0.031	No	35	-3.537	0.2074	0	None	ln(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-48	0.031	n/a	2/26/2025	0.014	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-49	0.02293	n/a	2/26/2025	0.019	No	36	0.01964	0.001553	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-29	0.02326	n/a	2/26/2025	0.018	No	36	0.1305	0.01039	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-50	0.038	n/a	2/26/2025	0.014	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-51	0.019	n/a	2/26/2025	0.011	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**2/26/2025**	**0.033**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-53	0.05436	n/a	2/25/2025	0.032	No	10	0.0428	0.004077	0	None	No	0.0007022	Param Intra 1 of 2
Beryllium (mg/L)	GWA-22	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-45	0.0025	n/a	2/26/2025	0.00022J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-47	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-50	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-52	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-53	0.0025	n/a	2/25/2025	0.00009J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-21	0.007688	n/a	2/25/2025	0.001ND	No	36	0.1382	0.0279	8.333	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWA-22	0.01313	n/a	2/25/2025	0.01	No	36	0.007652	0.002586	0	None	No	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWA-45	0.0042	n/a	2/26/2025	0.0012J	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-46	0.0088	n/a	2/26/2025	0.0048	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-47	0.045	n/a	2/26/2025	0.01	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-48	0.028	n/a	2/26/2025	0.0061	No	36	n/a	n/a	2.778	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-49	0.009266	n/a	2/26/2025	0.0057	No	36	0.1838	0.0124	0	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWC-29	0.0039	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-50	0.0089	n/a	2/26/2025	0.0032	No	36	n/a	n/a	5.556	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**2/26/2025**	**0.0078**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	GWC-53	0.0053	n/a	2/25/2025	0.002ND	No	36	n/a	n/a	36.11	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-21	0.0025	n/a	2/25/2025	0.00023J	No	36	n/a	n/a	63.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-22	0.0025	n/a	2/25/2025	0.0025ND	No	35	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-45	0.003656	n/a	2/26/2025	0.00072J	No	31	0.001627	0.0009422	22.58	Kaplan-Meier	No	0.0007022	Param Intra 1 of 2
Cobalt (mg/L)	GWA-46	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-47	0.003	n/a	2/26/2025	0.0025ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-48	0.0025	n/a	2/26/2025	0.0025ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-49	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-29	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-50	0.01	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-52	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-53	0.01712	n/a	2/25/2025	0.012	No	36	0.008389	0.004121	2.778	None	No	0.0007022	Param Intra 1 of 2
Copper (mg/L)	GWA-21	0.0023	n/a	2/25/2025	0.002ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-22	0.003	n/a	2/25/2025	0.002ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-45	0.0068	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-47	0.022	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	50	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-48	0.0084	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	63.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-49	0.0031	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-50	0.0046	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-21	0.0022	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-22	0.002	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWA-45	0.0016	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-46	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-47	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-49	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-29	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-50	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-51	0.0015	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-52	0.001	n/a	2/26/2025	0.001ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-53	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-21	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-22	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-45	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-46	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-47	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-48	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-49	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-29	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-50	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-51	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-52	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-53	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-21	0.0015	n/a	2/25/2025	0.00099J	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-22	0.0014	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-45	0.0011	n/a	2/26/2025	0.00053J	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-46	0.001	n/a	2/26/2025	0.00049J	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-47	0.022	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-48	0.016	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-49	0.0019	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-29	0.005	n/a	2/26/2025	0.0027	No	31	n/a	n/a	38.71	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-50	0.0073	n/a	2/26/2025	0.0032	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-51	0.0034	n/a	2/26/2025	0.0024	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-53	0.008133	n/a	2/25/2025	0.0078	No	31	0.00004852	0.000008186	0	None	x^2	0.0007022	Param Intra 1 of 2
Selenium (mg/L)	GWA-22	0.005	n/a	2/25/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-45	0.005	n/a	2/26/2025	0.005ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-47	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	97.14	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-48	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-49	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-29	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-50	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-52	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-53	0.005	n/a	2/25/2025	0.0011J	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-21	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-22	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-45	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-50	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-51	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-21	0.0072	n/a	2/25/2025	0.0014J	No	31	n/a	n/a	35.48	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-22	0.0083	n/a	2/25/2025	0.008	No	31	n/a	n/a	32.26	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	**GWA-45**	**0.0062**	**n/a**	**2/26/2025**	**0.0082**	**Yes**	**31**	**n/a**	**n/a**	**48.39**	**n/a**	**n/a**	**0.001905**	**NP Intra (normality) 1 of 2**
Vanadium (mg/L)	**GWA-46**	**0.006277**	**n/a**	**2/26/2025**	**0.0069**	**Yes**	**30**	**0.05652**	**0.01052**	**6.667**	**None**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWA-47	0.01931	n/a	2/26/2025	0.0097	No	30	0.09539	0.02018	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-48	0.022	n/a	2/26/2025	0.021	No	31	0.0002765	0.00009634	0	None	x^2	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	**GWA-49**	**0.02234**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**31**	**0.01881**	**0.001639**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-29	0.007556	n/a	2/26/2025	0.0056	No	31	0.06977	0.007969	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	**GWC-50**	**0.007096**	**n/a**	**2/26/2025**	**0.009**	**Yes**	**31**	**0.05081**	**0.01553**	**25.81**	**Kaplan-Meier**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-51**	**0.00737**	**n/a**	**2/26/2025**	**0.01**	**Yes**	**31**	**0.004792**	**0.001198**	**6.452**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-52**	**0.01339**	**n/a**	**2/26/2025**	**0.014**	**Yes**	**31**	**0.01086**	**0.001174**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-53	0.0065	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-21	0.005	n/a	2/25/2025	0.0028J	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-22	0.0085	n/a	2/25/2025	0.0076	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-45	0.0098	n/a	2/26/2025	0.0055	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-46	0.0096	n/a	2/26/2025	0.0035J	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-47	0.0087	n/a	2/26/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-48	0.008	n/a	2/26/2025	0.0044J	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-49	0.005	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-29	0.0058	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWC-50	0.0076	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-51	0.005	n/a	2/26/2025	0.004J	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-52	0.0073	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-53	0.01939	n/a	2/25/2025	0.018	No	31	0.01409	0.00246	0	None	No	0.0007022	Param Intra 1 of 2

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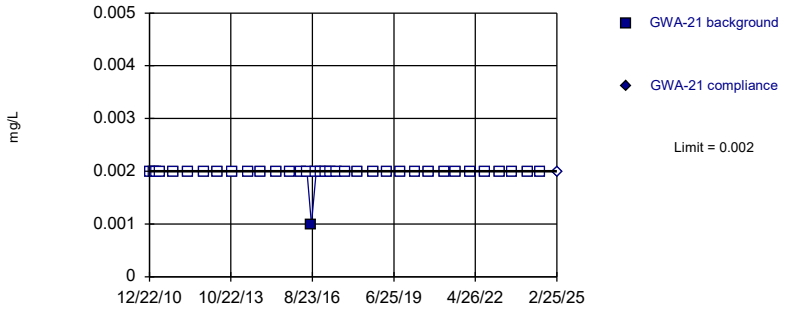
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I

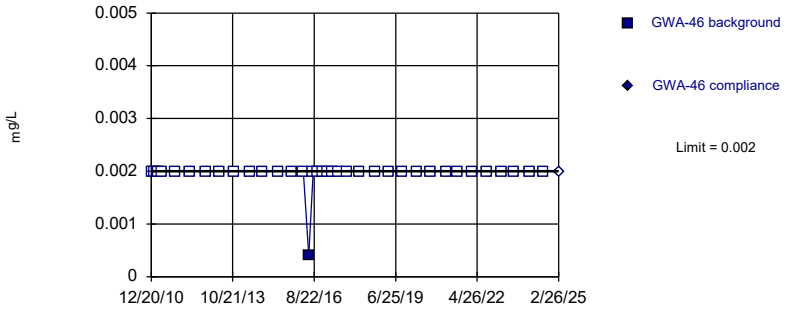
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I

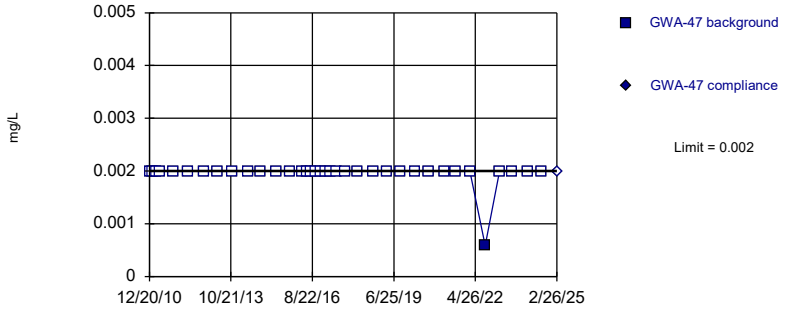
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I

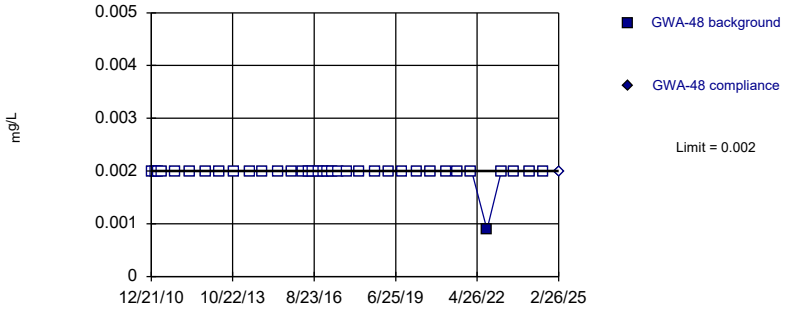
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I

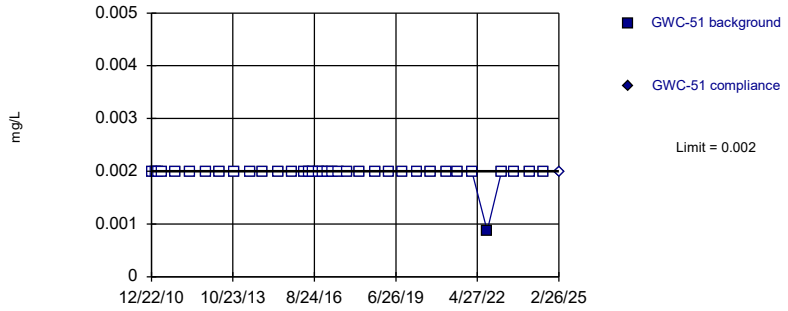
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

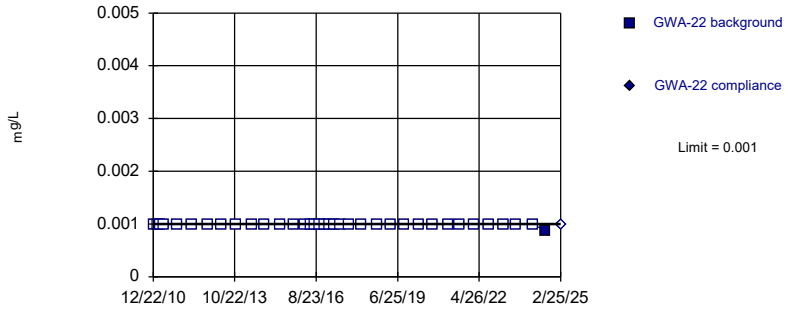
Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

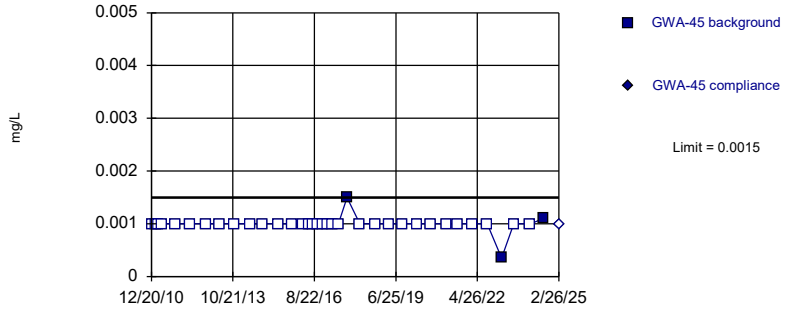
Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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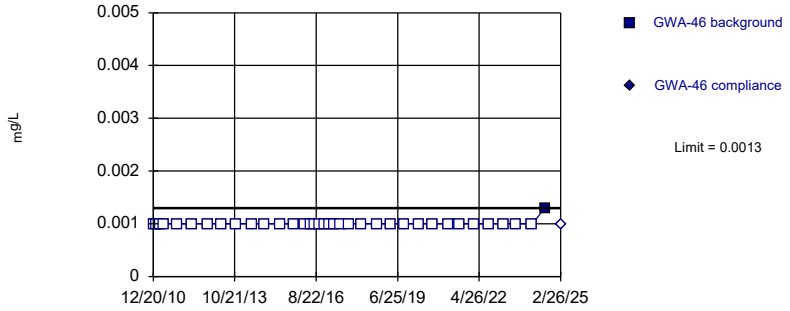
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



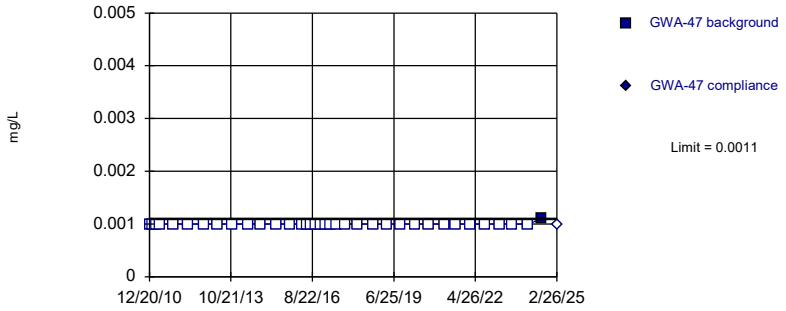
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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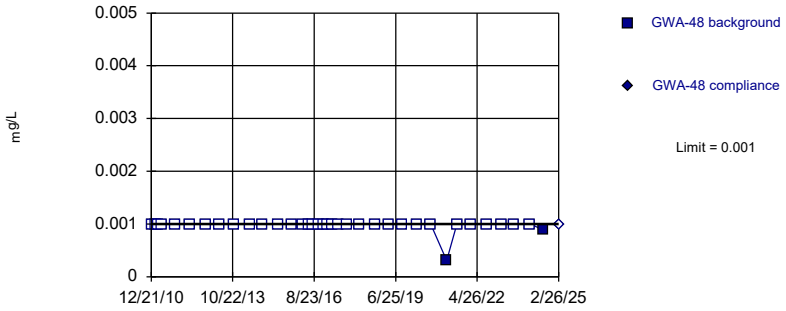
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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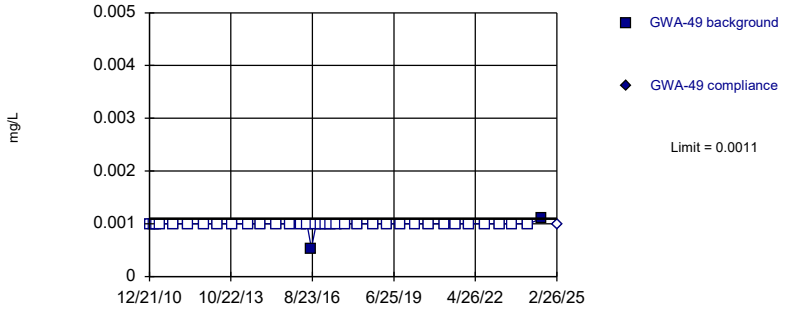
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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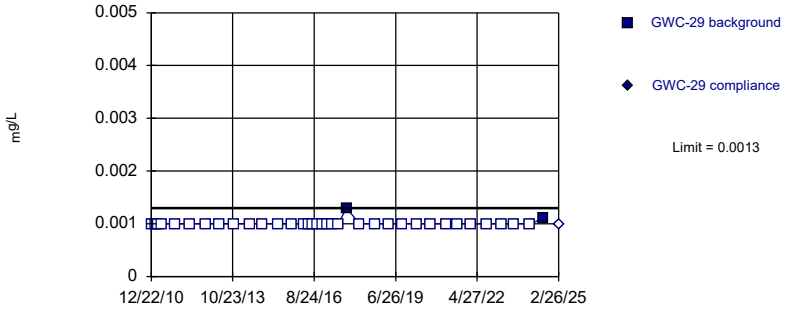
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

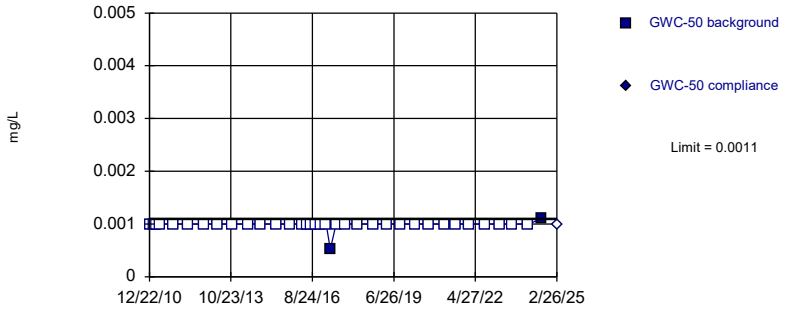
Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

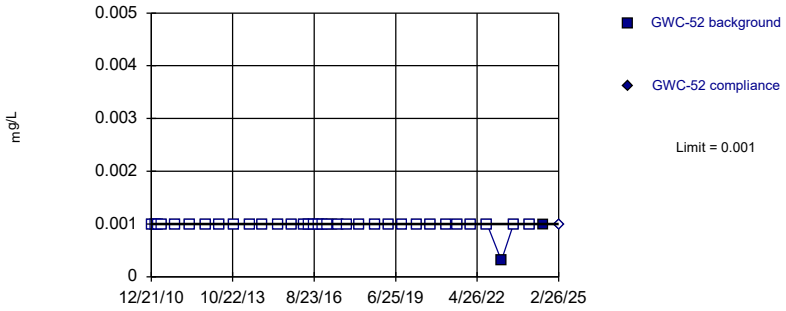
Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

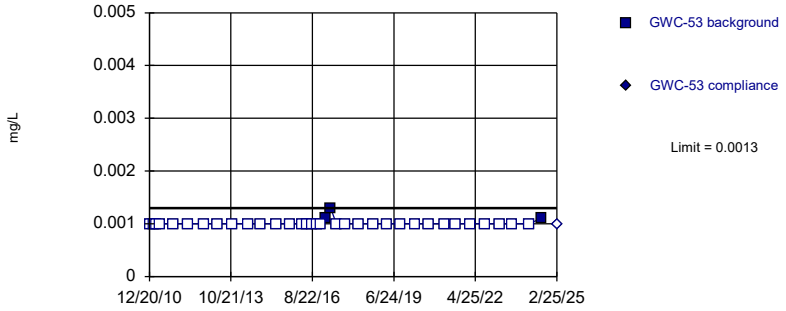
Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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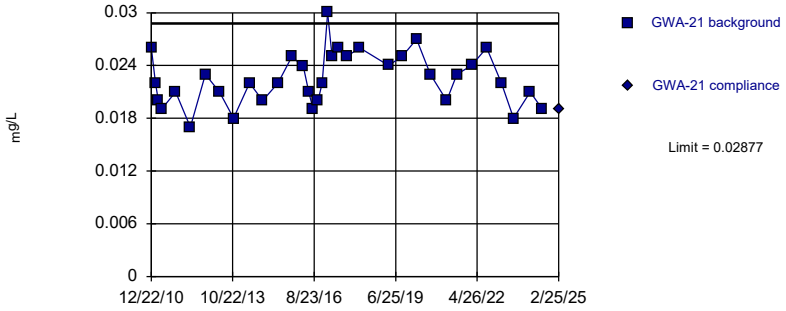
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02245, Std. Dev.=0.002972, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9735, critical = 0.91. Kappa = 2.125 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

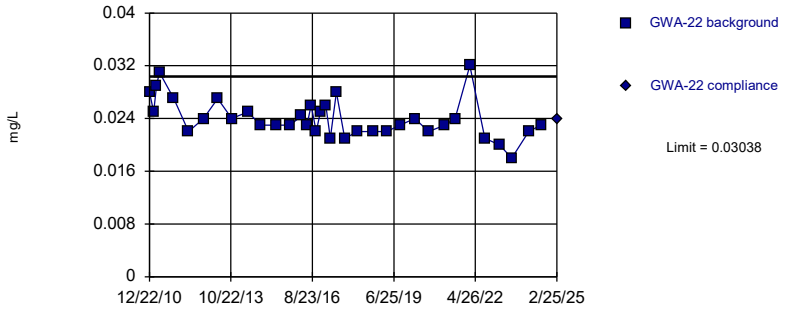
Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02404, Std. Dev.=0.002991, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.94, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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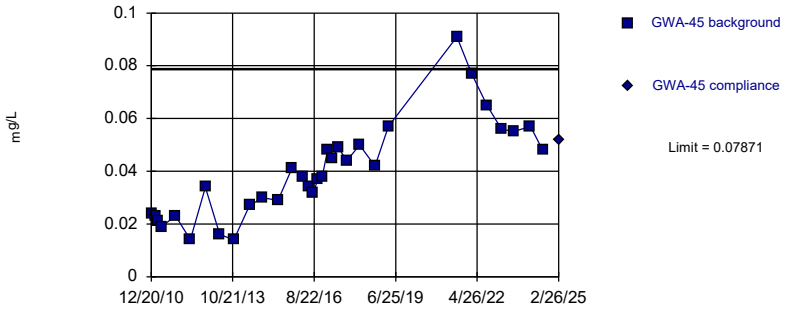
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03994, Std. Dev.=0.01806, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I

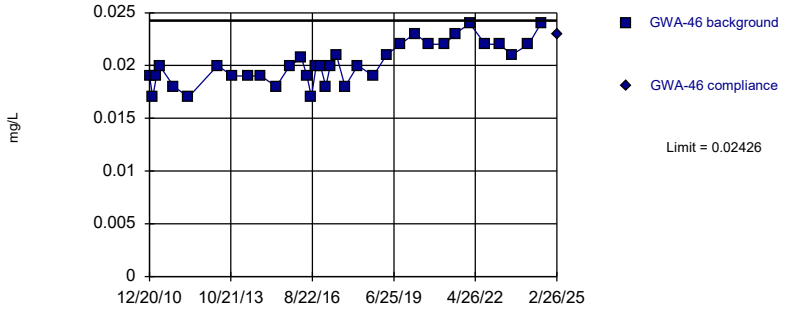
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02016, Std. Dev.=0.001929, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9494, critical = 0.91. Kappa = 2.125 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I

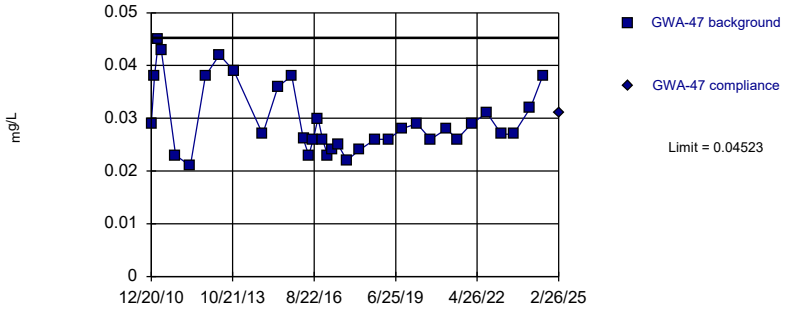
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.537, Std. Dev.=0.2074, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9155, critical = 0.91. Kappa = 2.125 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I

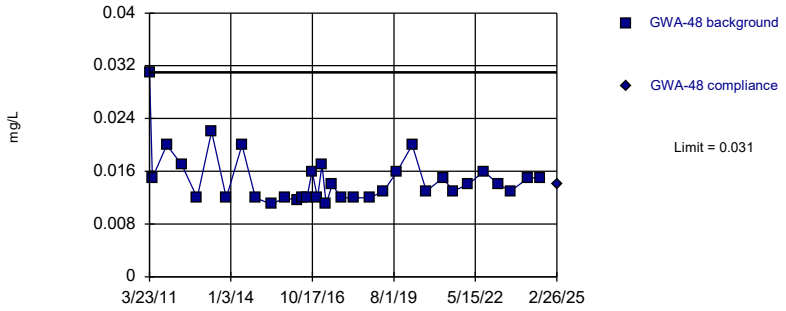
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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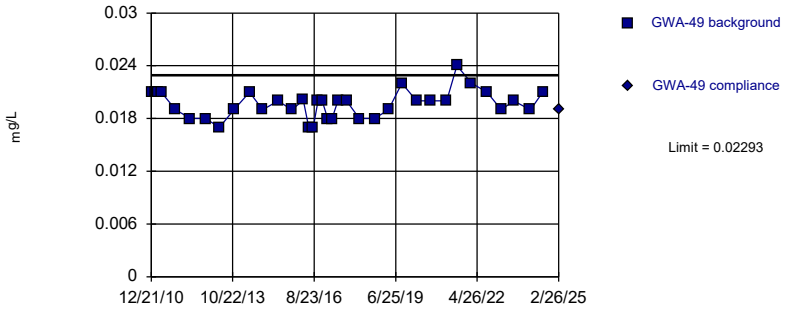
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01964, Std. Dev.=0.001553, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9465, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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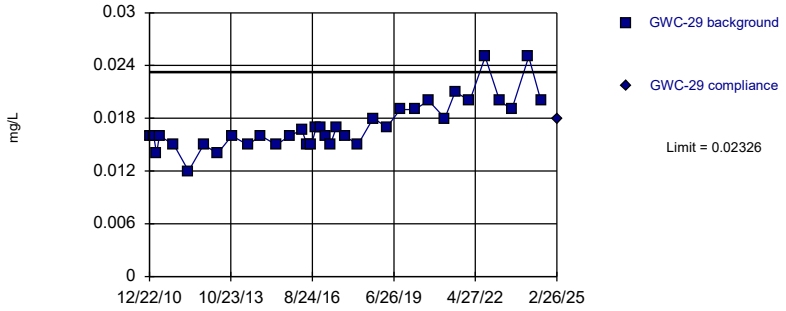
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1305, Std. Dev.=0.01039, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9159, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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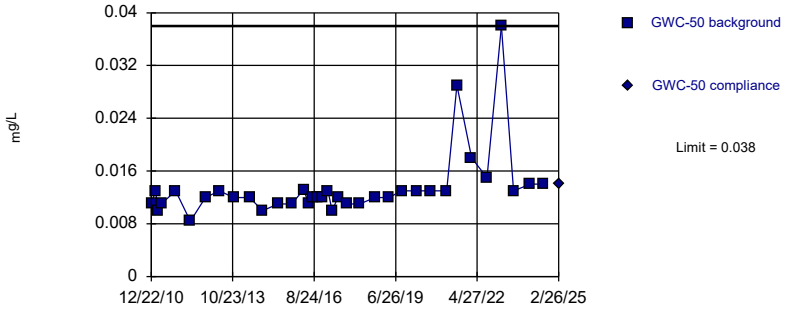
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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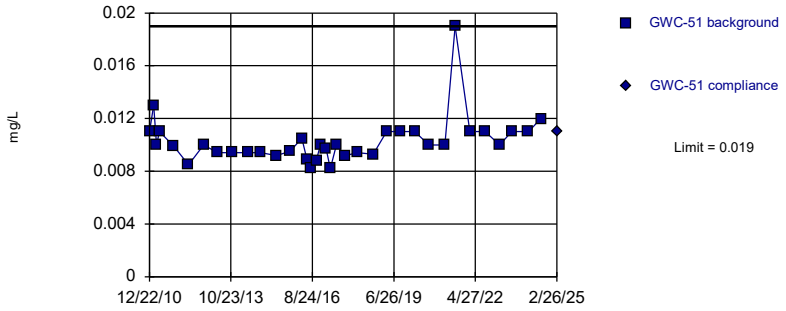
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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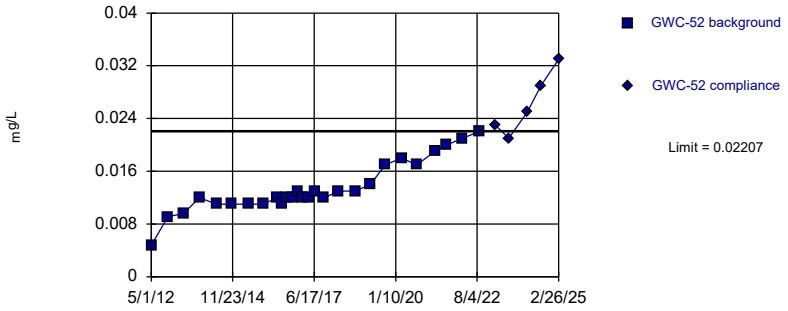
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01343, Std. Dev.=0.003942, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9018, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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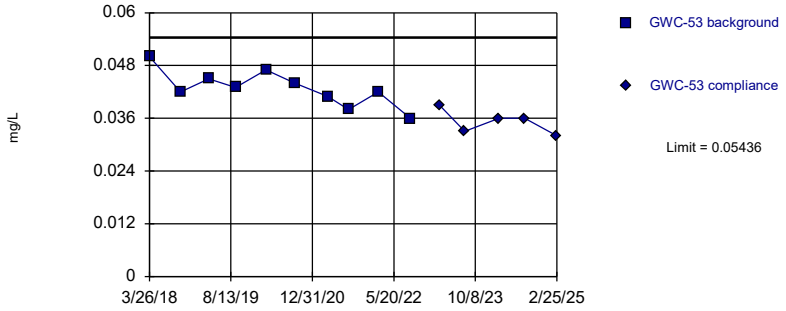
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0428, Std. Dev.=0.004077, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9848, critical = 0.842. Kappa = 2.835 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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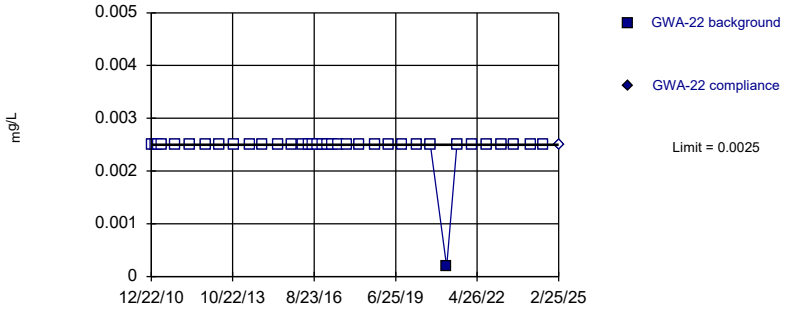
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Beryllium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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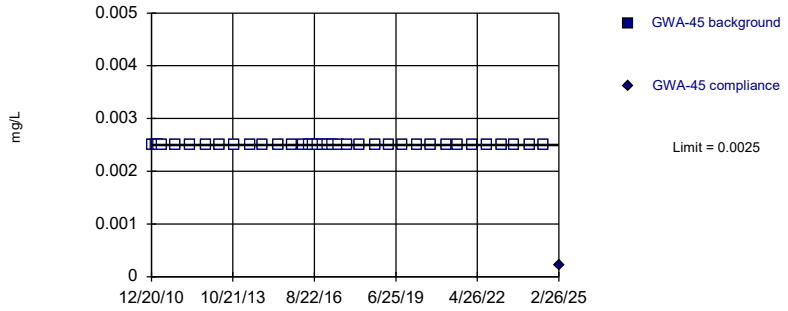
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 36) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Beryllium Analysis Run 4/24/2025 10:34 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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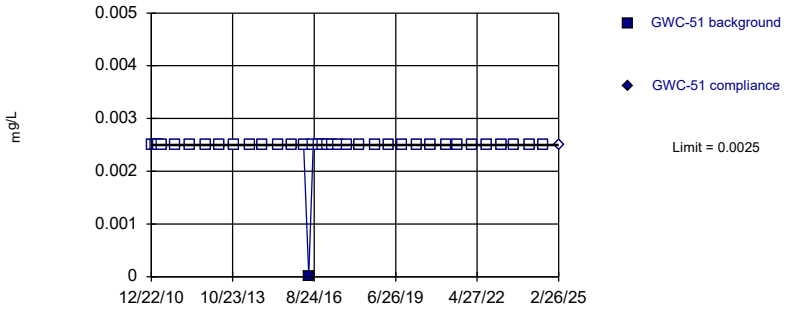
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Beryllium Analysis Run 4/24/2025 10:34 AM View: Appendix I

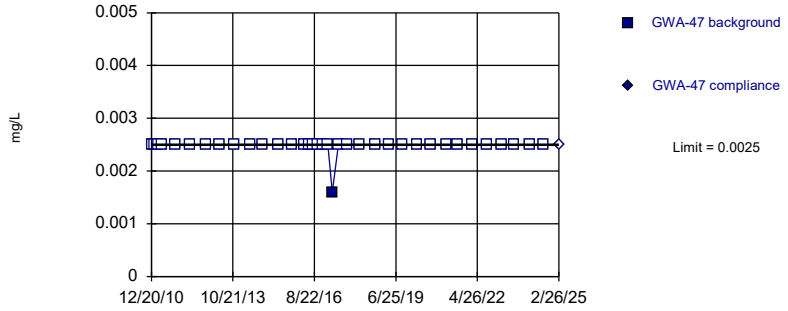
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:34 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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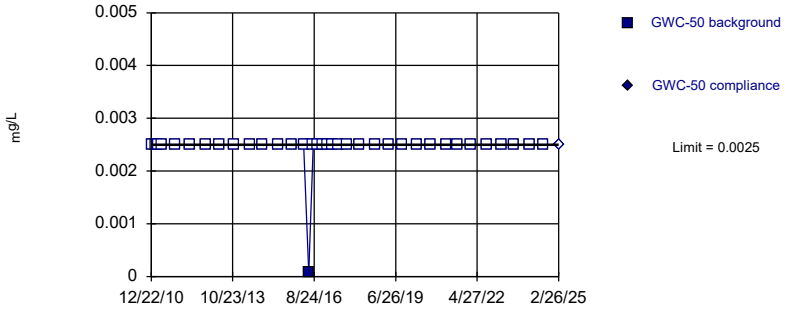
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:34 AM View: Appendix I

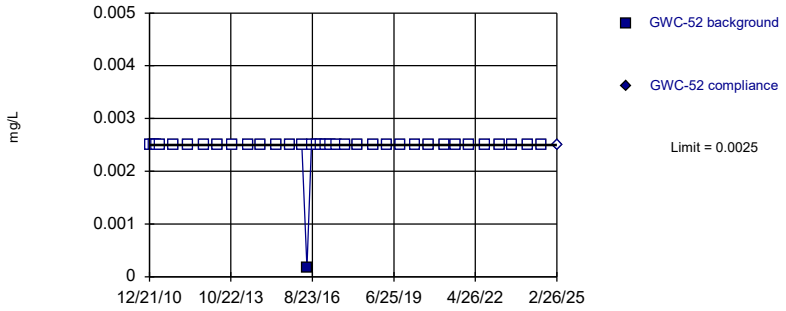
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:34 AM View: Appendix I

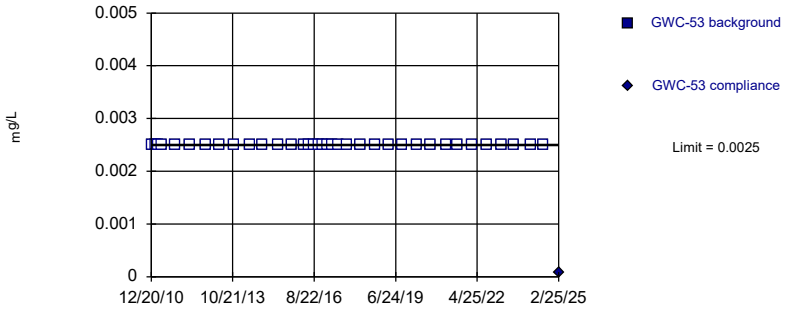
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 36) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:34 AM View: Appendix I

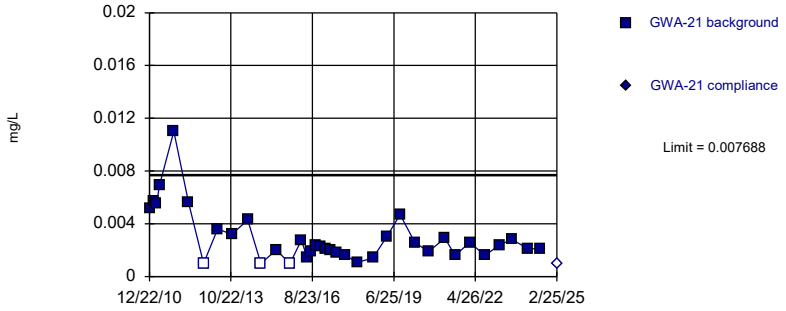
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.1382, Std. Dev.=0.0279, n=36, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9258, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:34 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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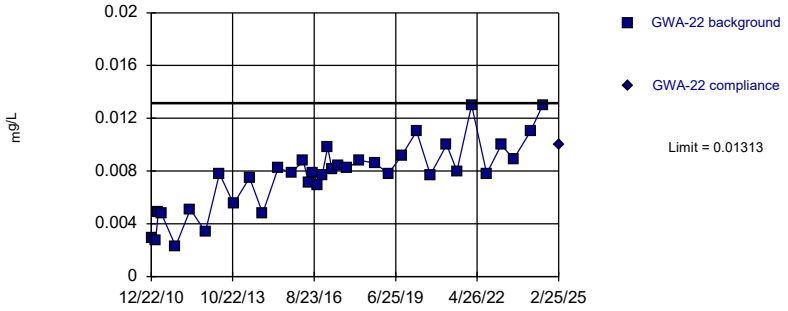
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007652, Std. Dev.=0.002586, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9461, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:34 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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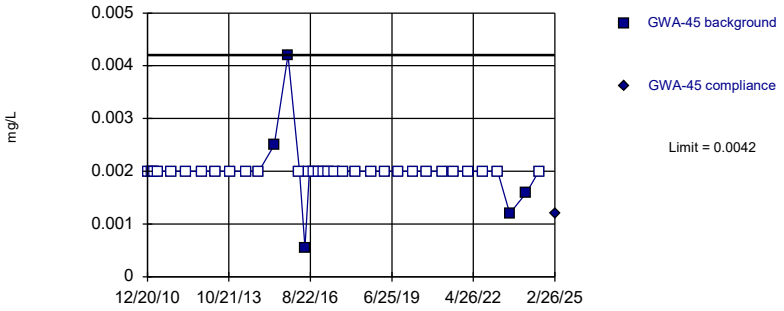
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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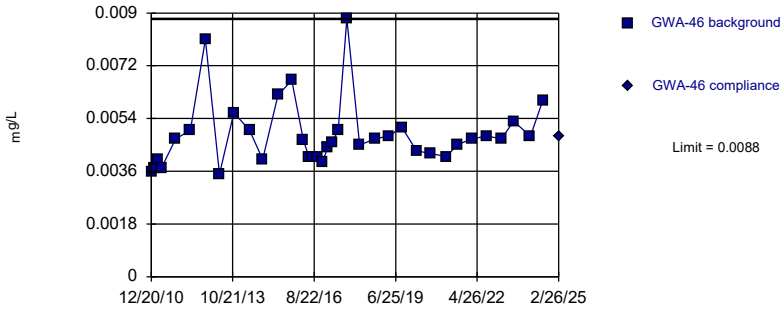
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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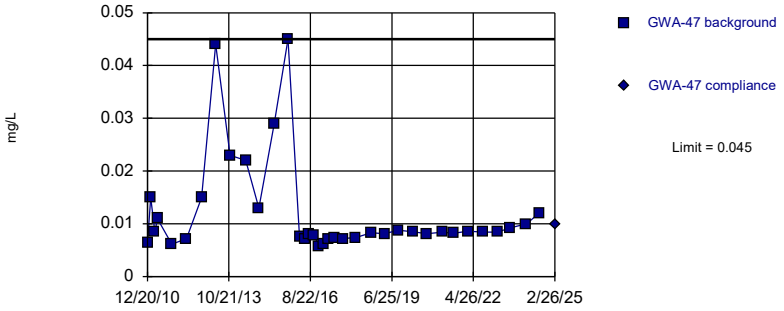
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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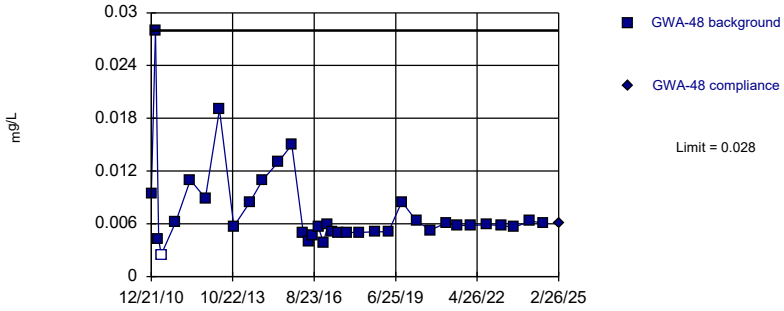
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 2.778% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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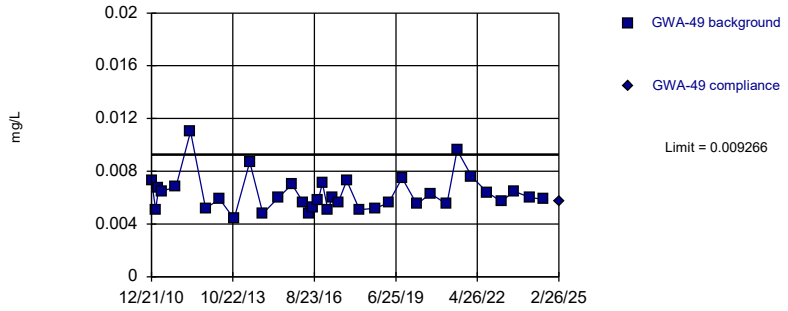
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.1838, Std. Dev.=0.0124, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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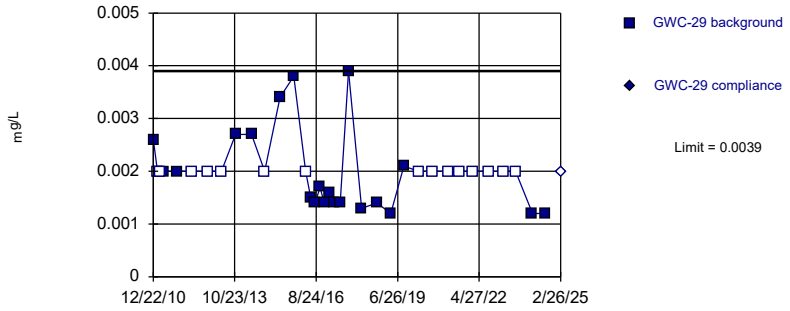
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 41.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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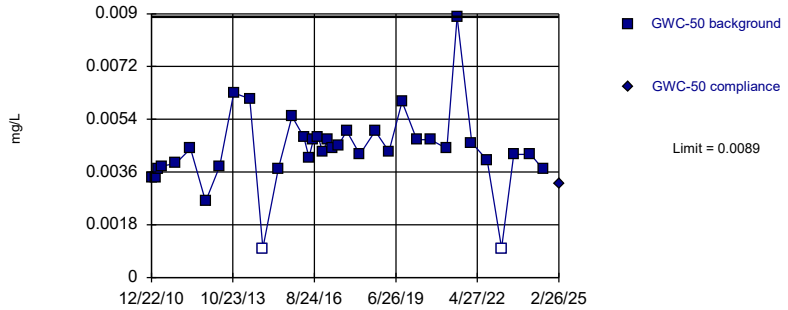
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 5.556% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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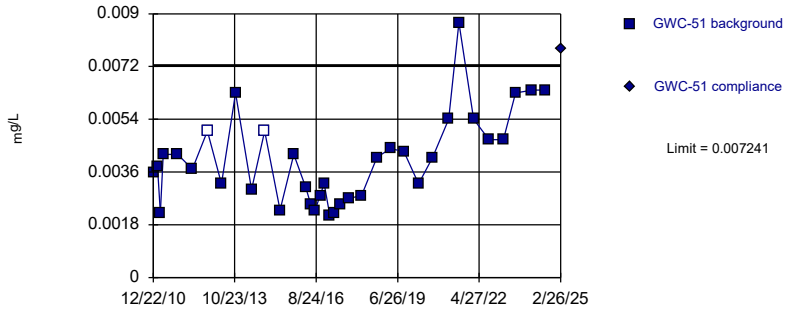
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004027, Std. Dev.=0.001516, n=36, 5.556% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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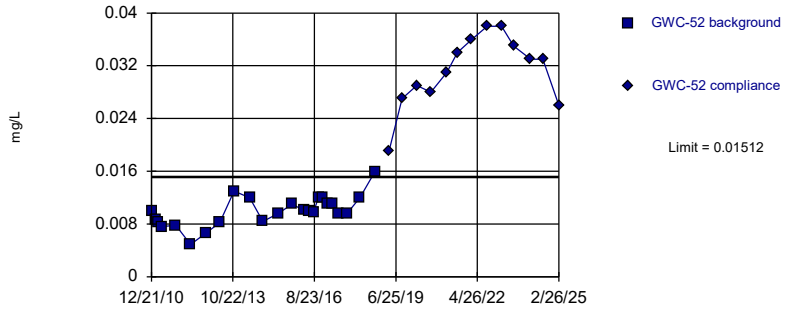
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009958, Std. Dev.=0.002314, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9736, critical = 0.884. Kappa = 2.232 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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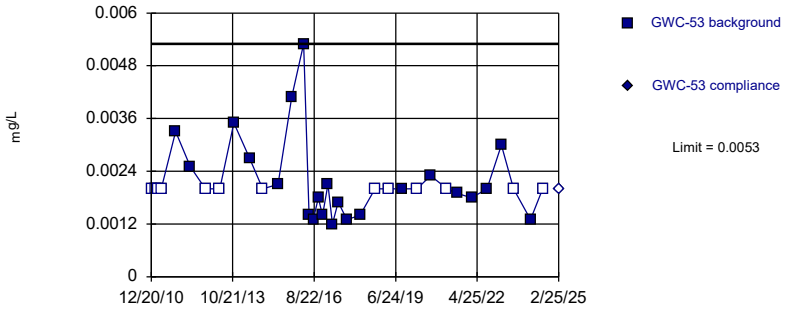
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 36.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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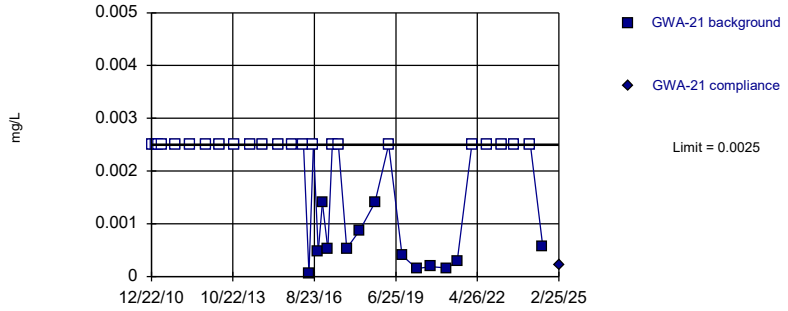
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 63.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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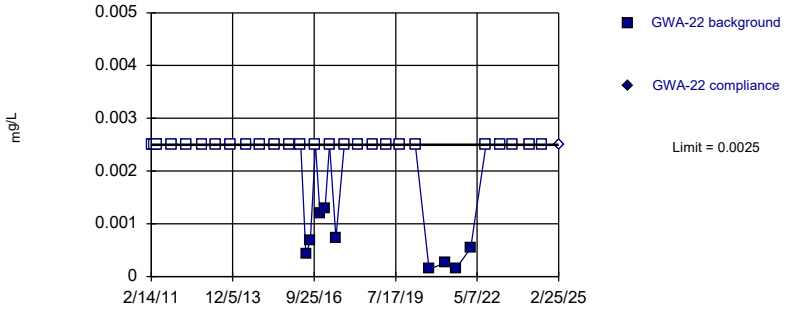
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 74.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I

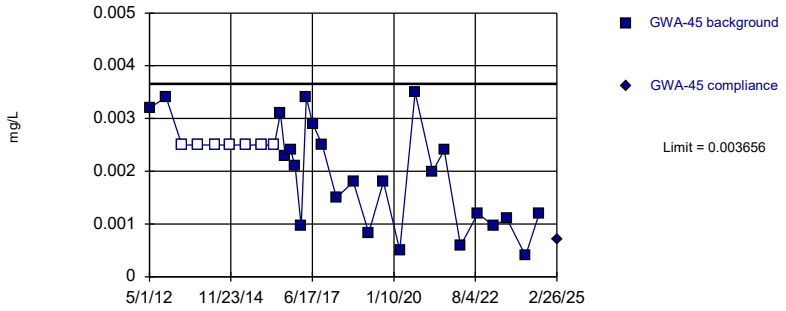
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001627, Std. Dev.=0.0009422, n=31, 22.58% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9308, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

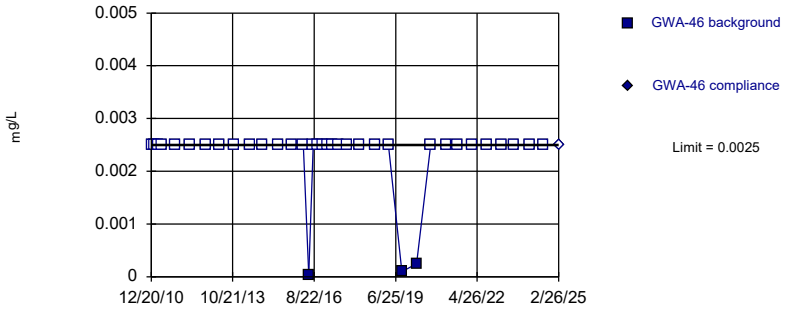
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

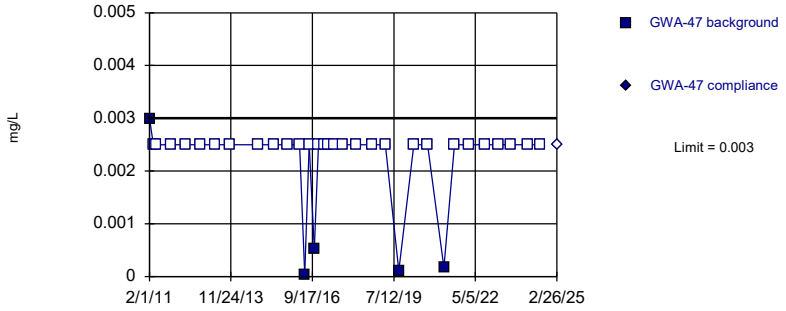
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

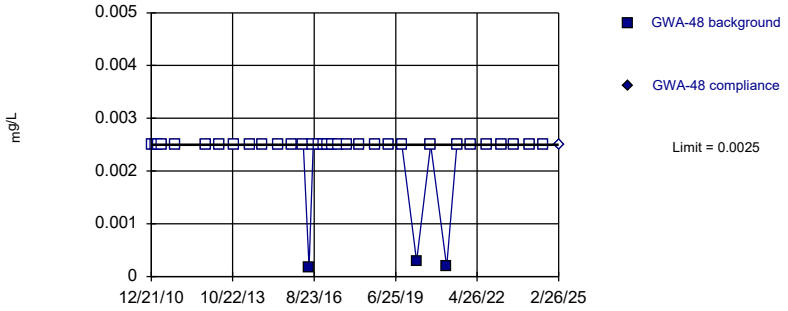
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 91.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

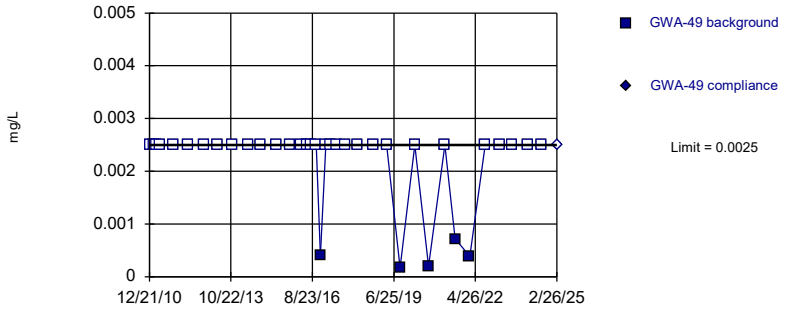
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

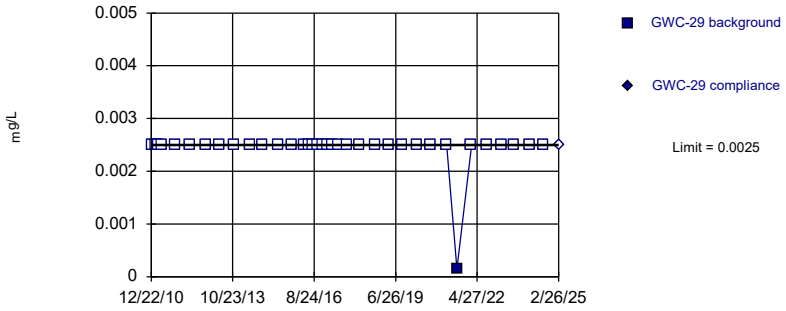
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

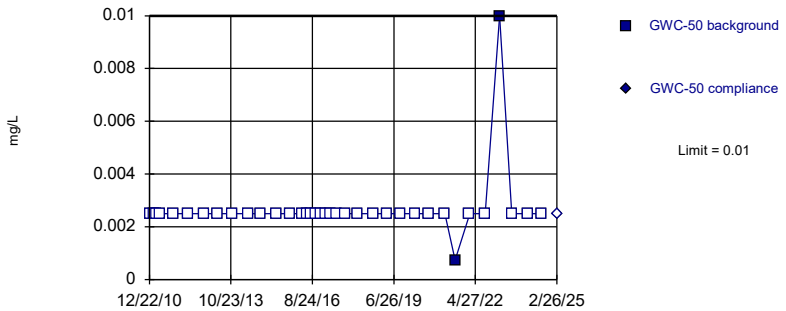
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

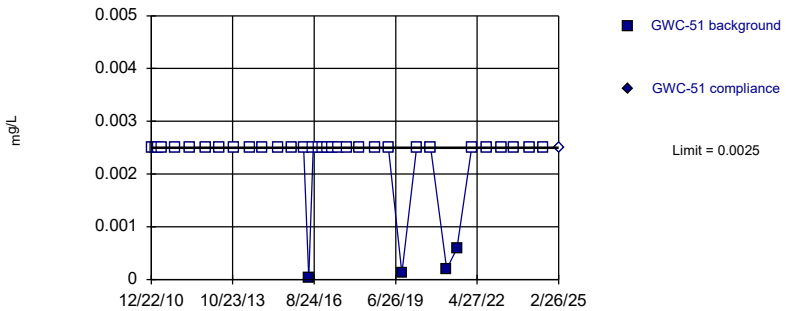
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

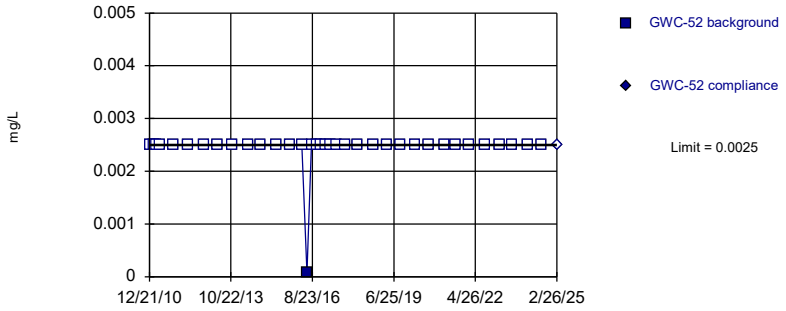
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

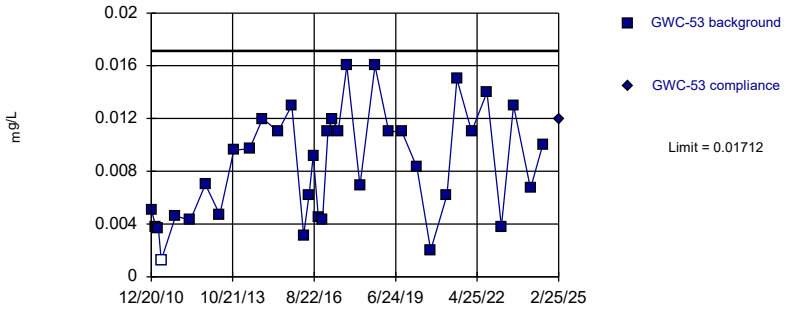
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.008389, Std. Dev.=0.004121, n=36, 2.778% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

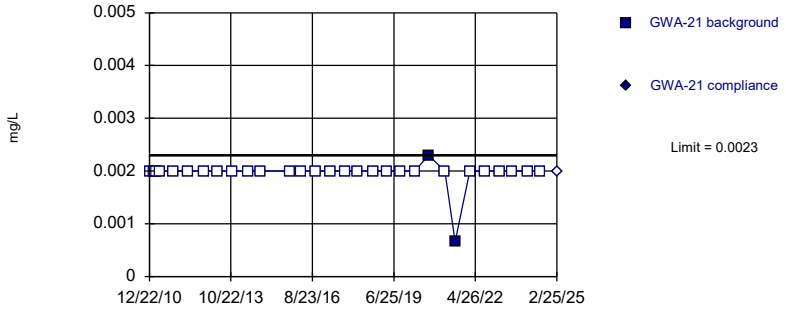
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

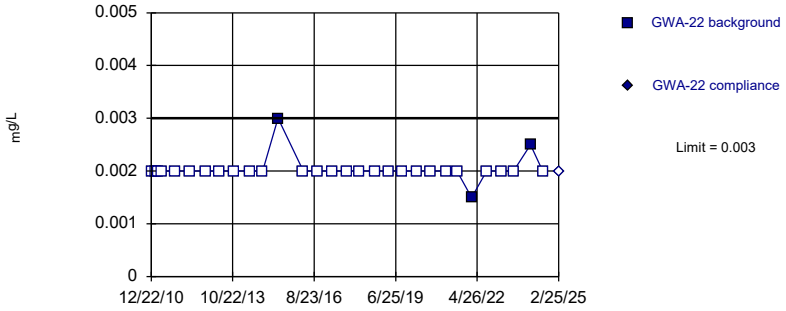
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

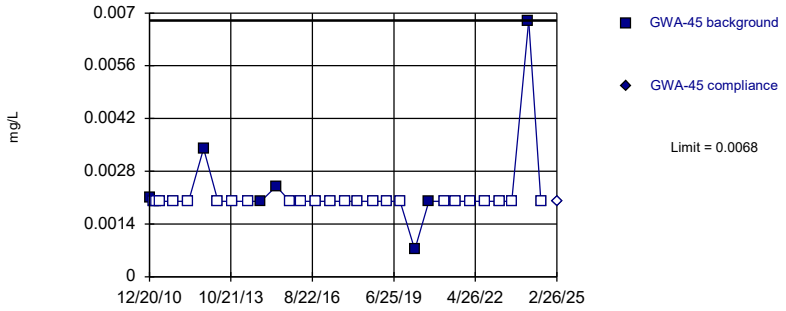
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

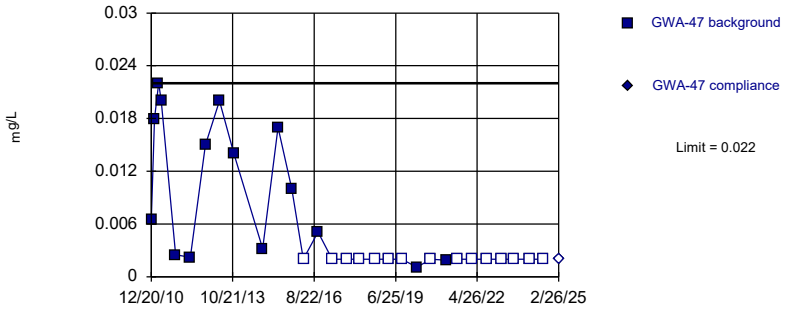
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 50% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

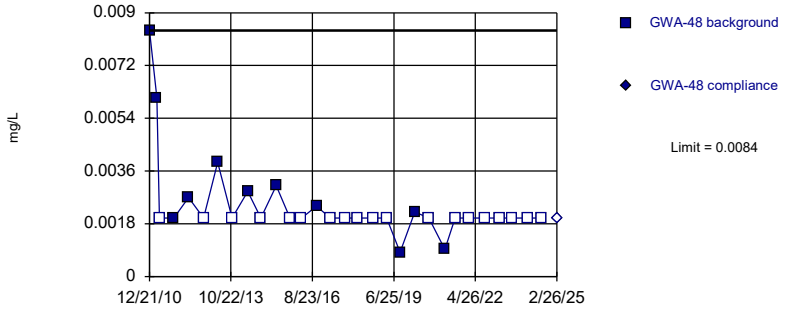
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 63.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

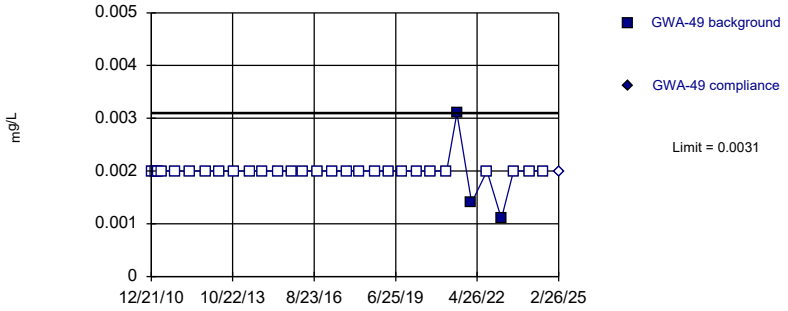
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

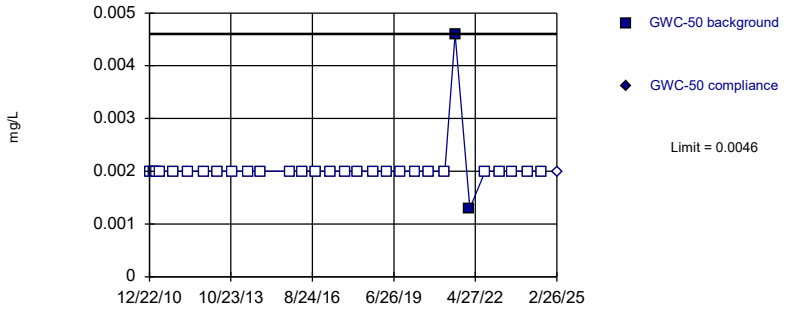
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

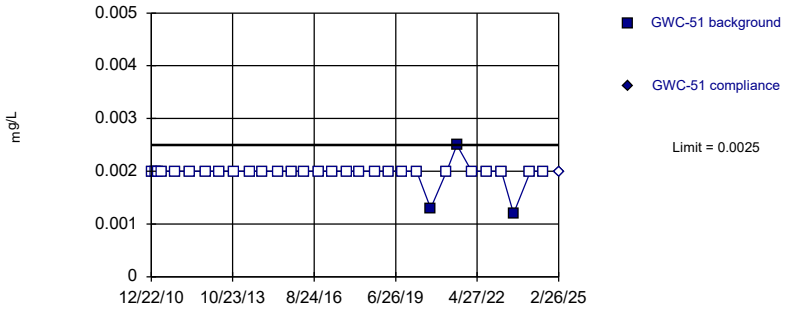
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

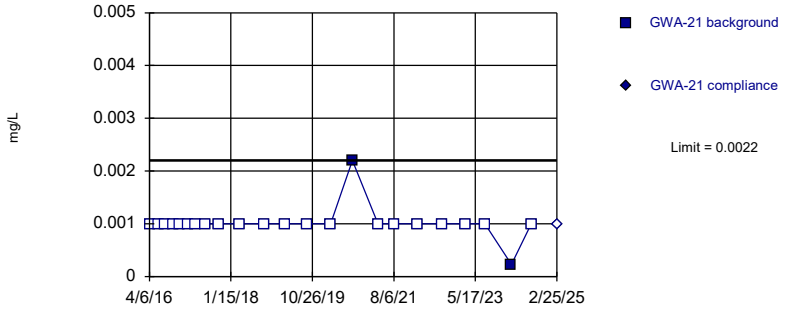
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

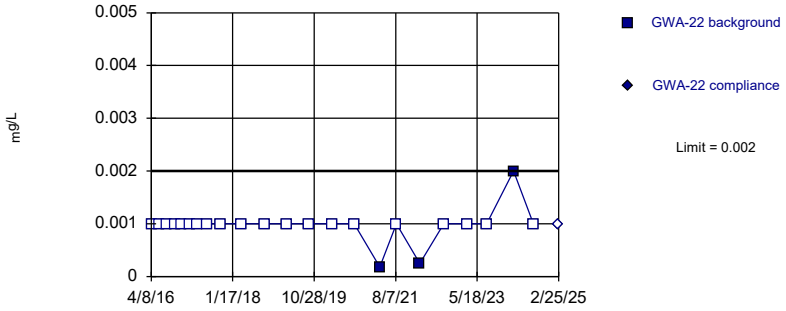
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

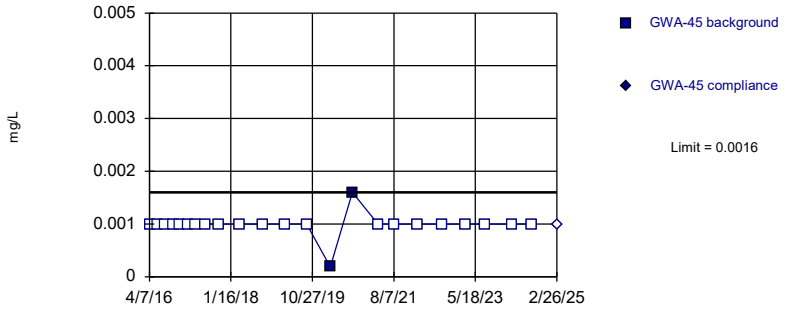
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

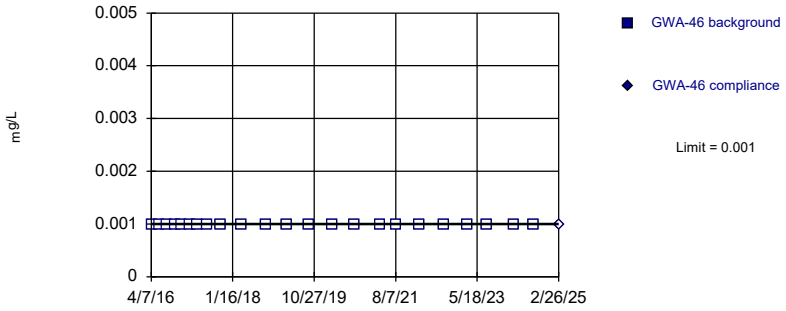
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

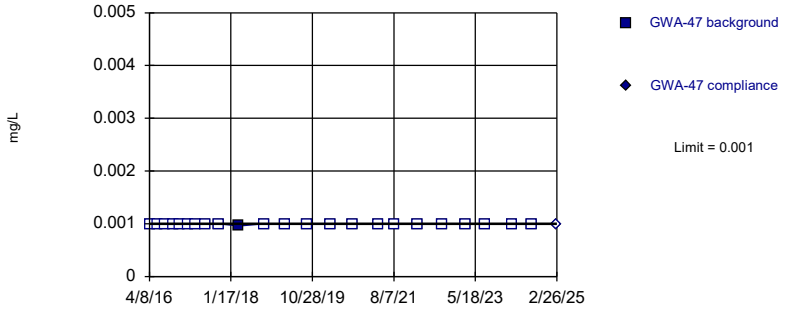
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

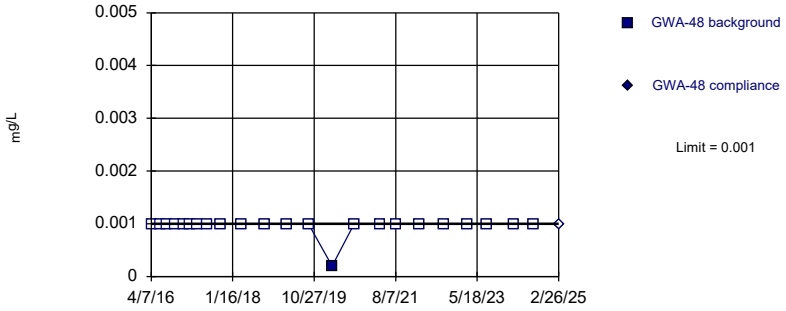
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

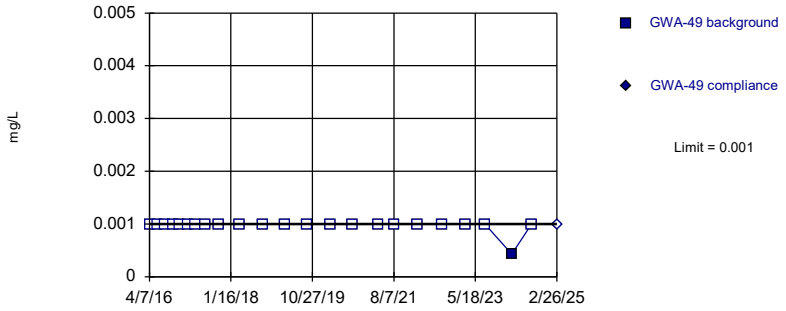
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

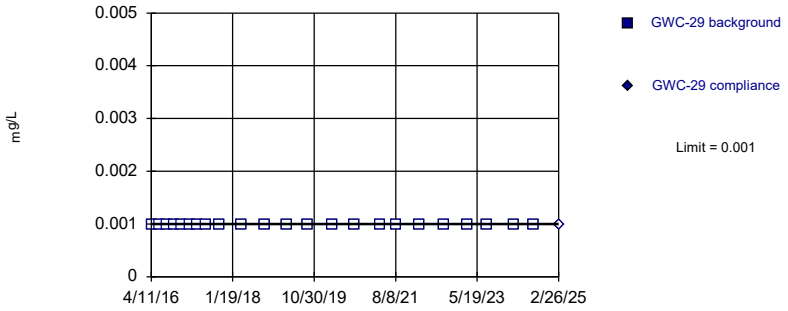
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

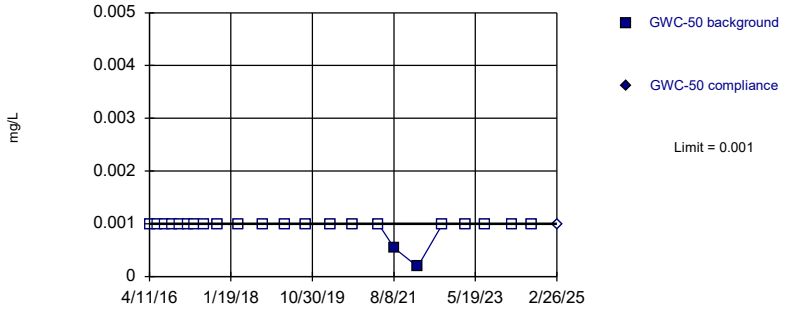
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

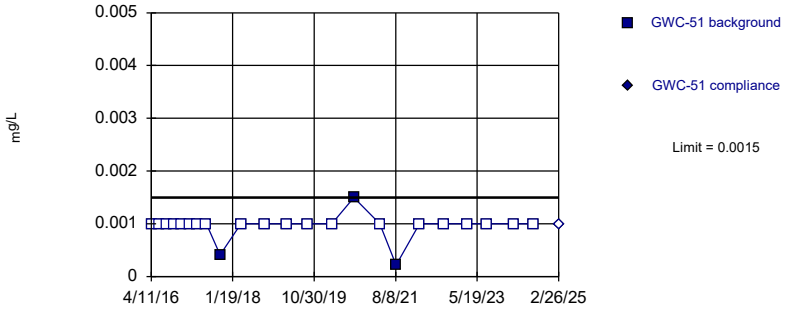
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

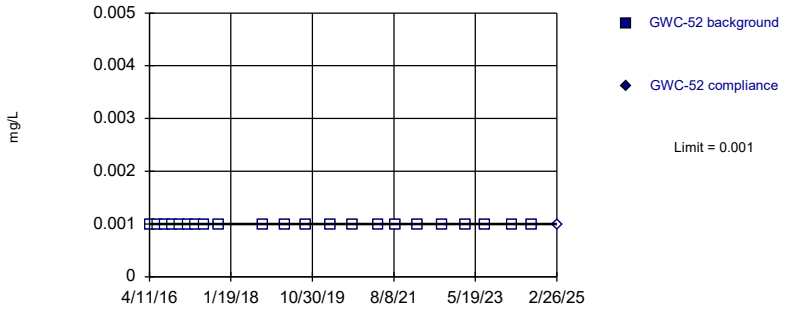
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

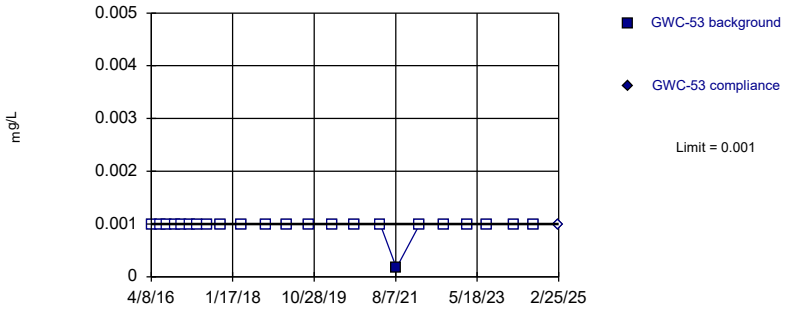
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

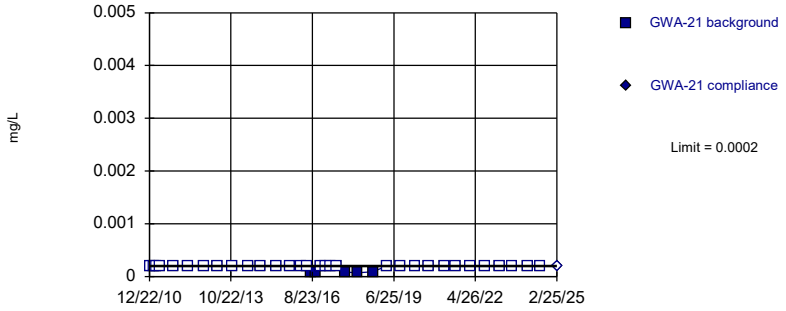
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

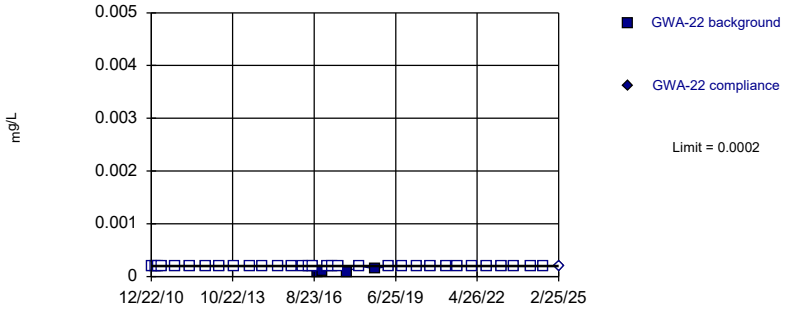
Constituent: Mercury Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

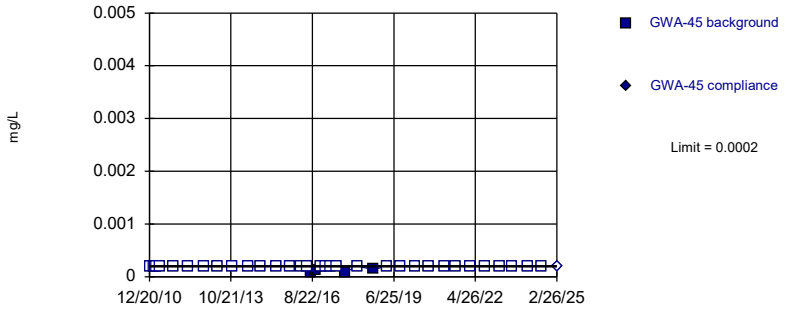
Constituent: Mercury Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

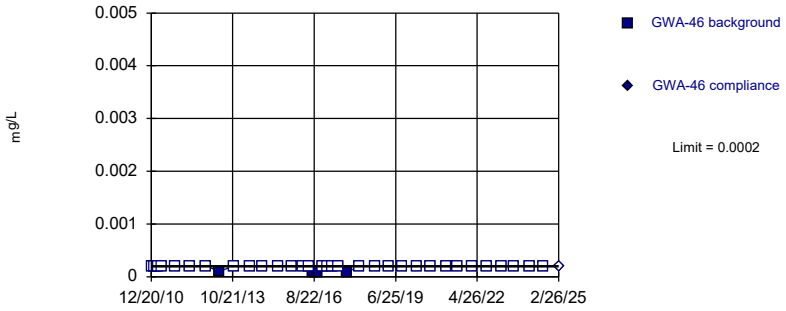
Constituent: Mercury Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

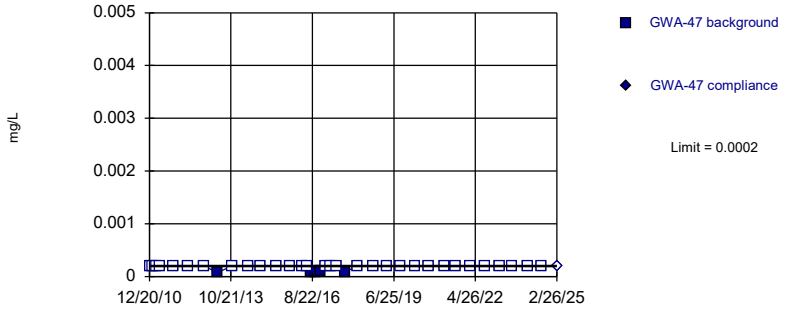
Constituent: Mercury Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

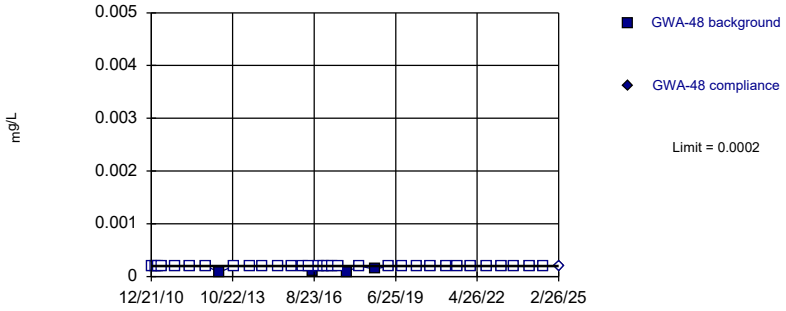
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

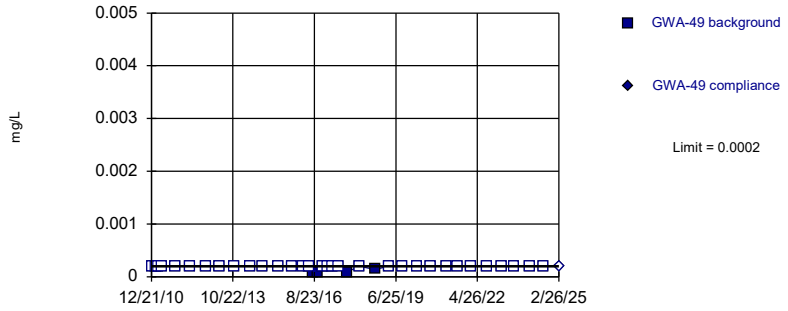
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

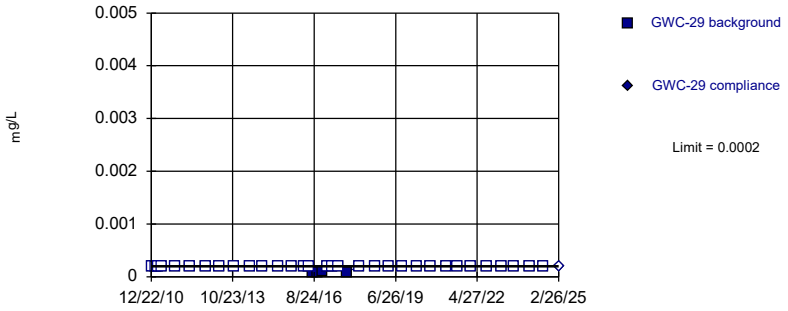
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

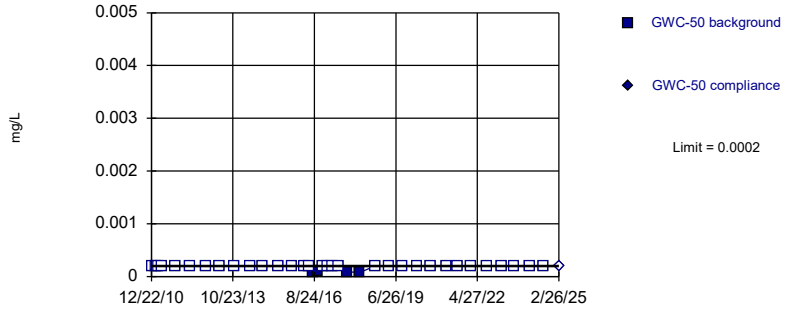
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

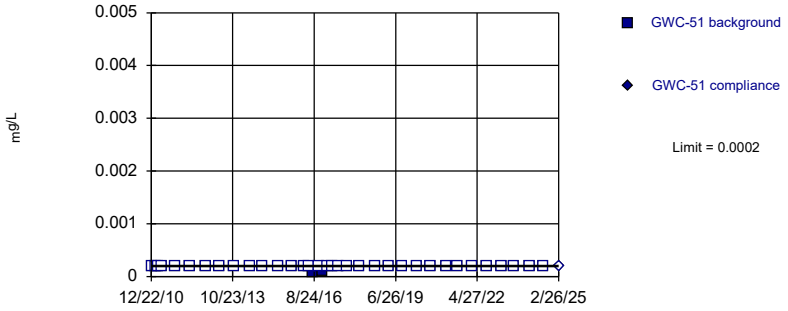
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

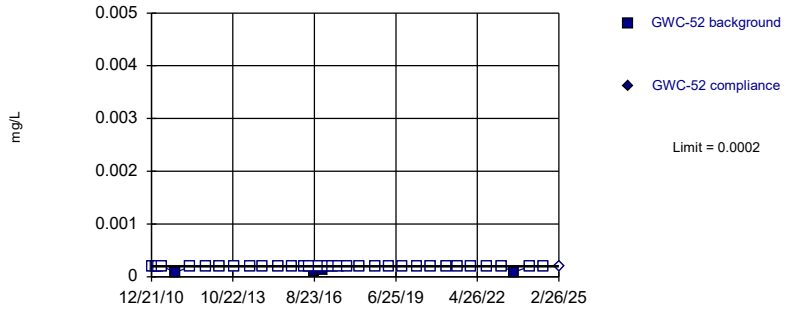
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

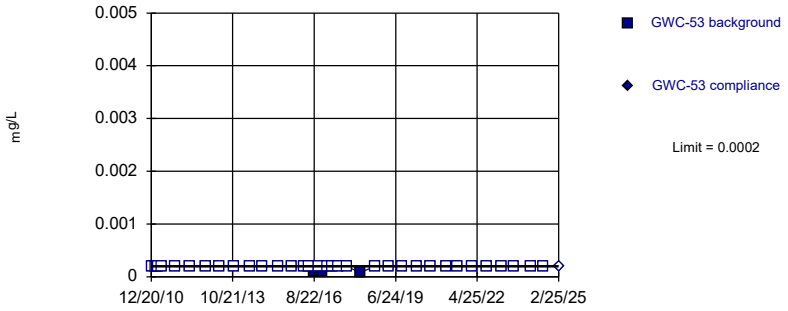
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

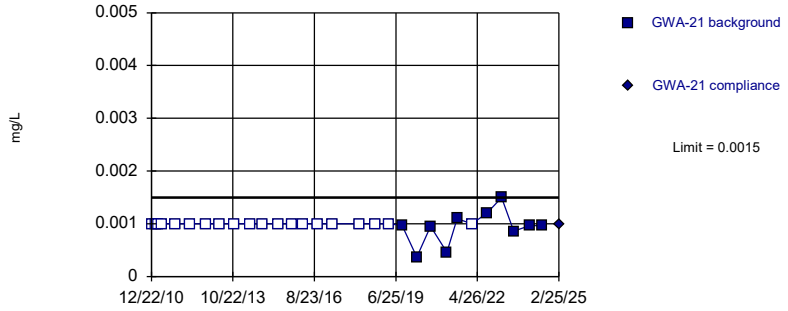
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

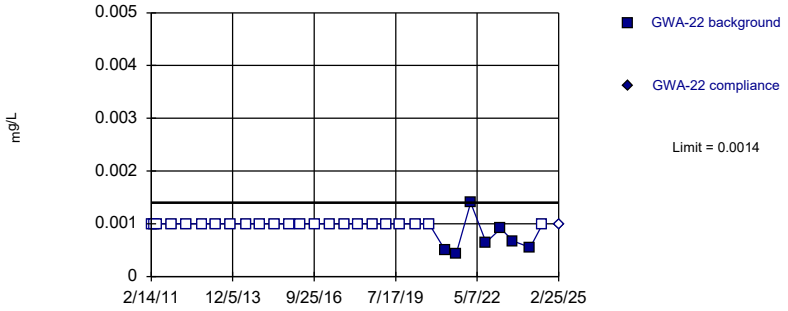
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 76.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

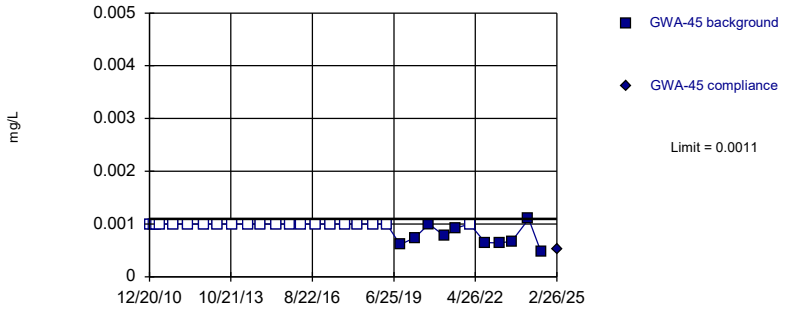
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

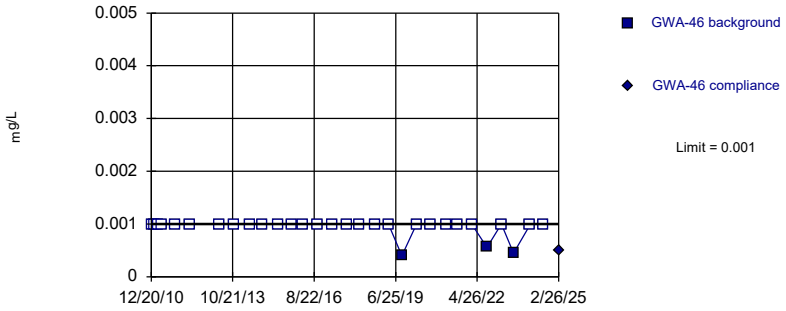
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

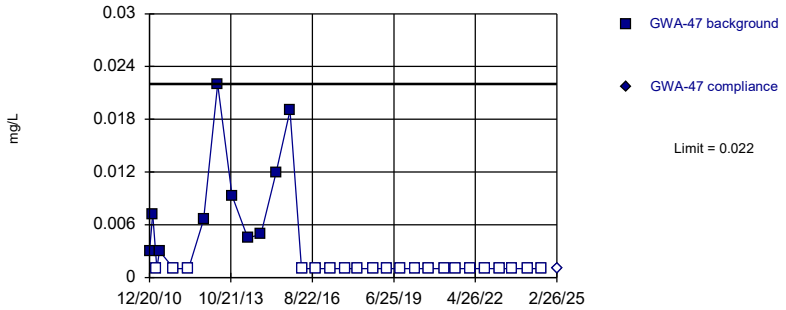
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

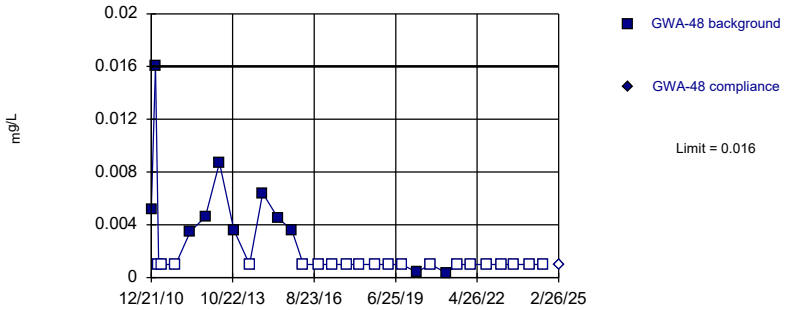
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

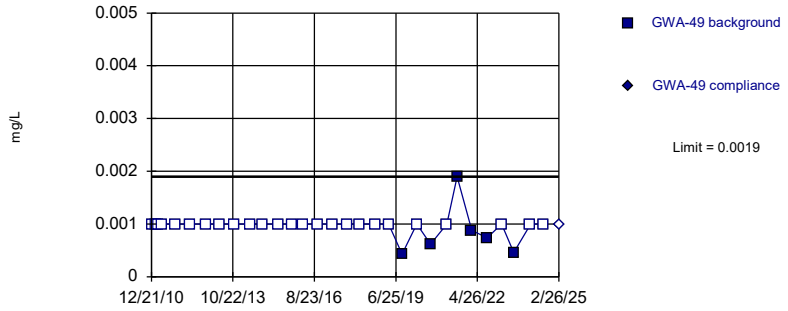
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 80.65% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

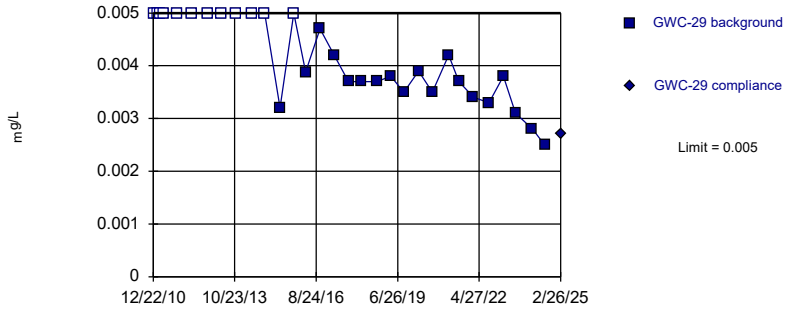
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 38.71% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

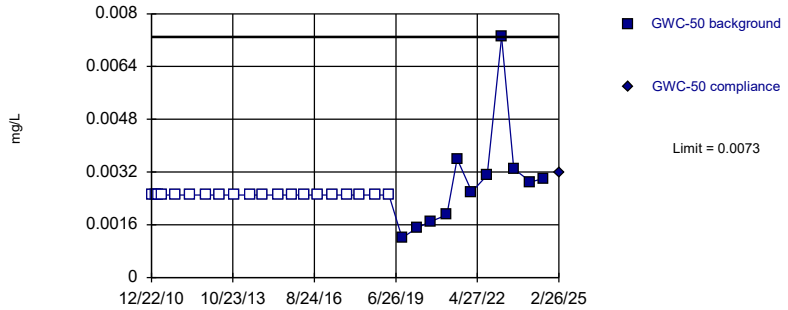
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

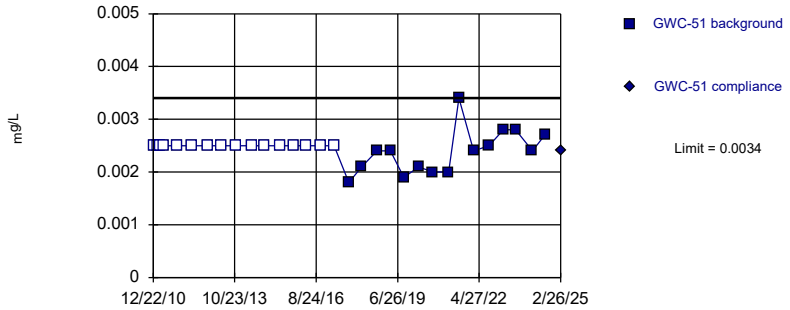
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 51.61% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

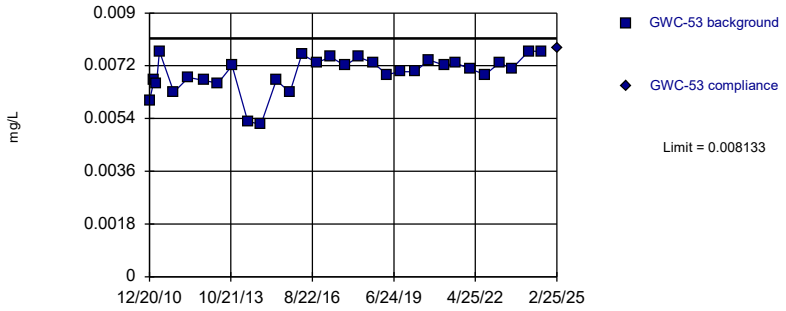
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.00004852, Std. Dev.=0.000008186, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9155, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

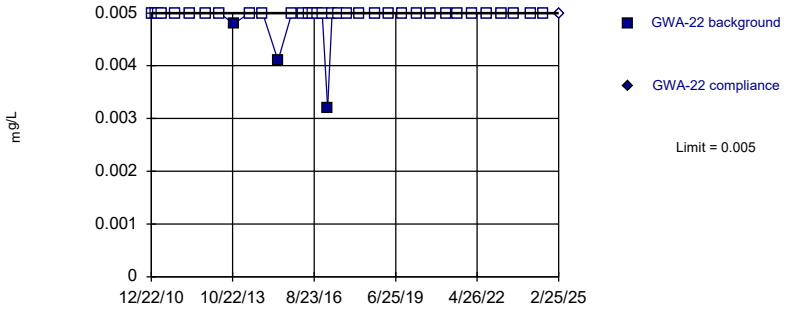
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

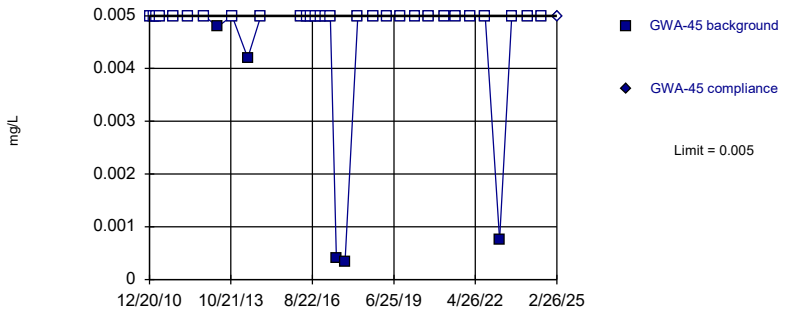
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

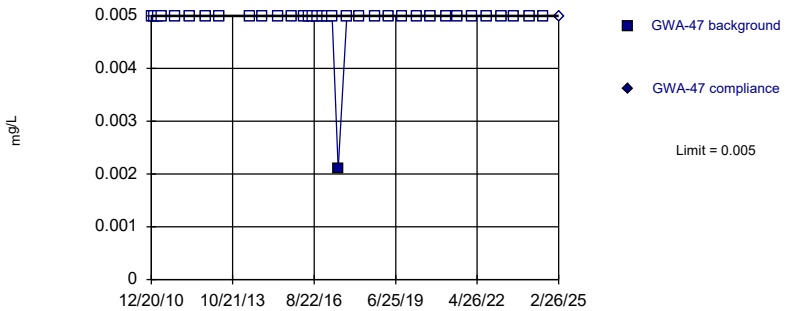
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 97.14% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

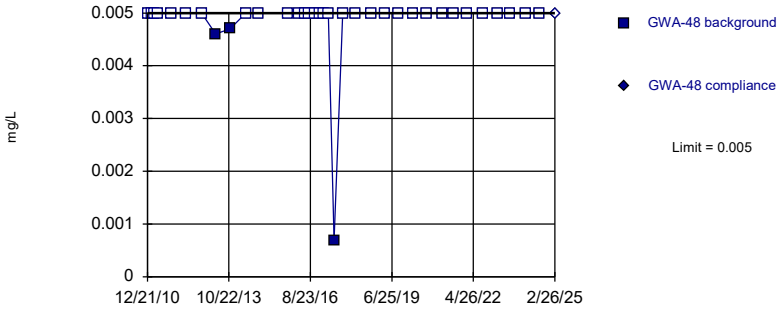
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 91.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

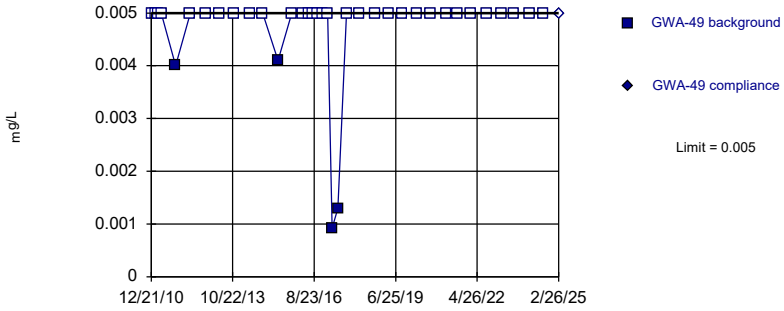
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

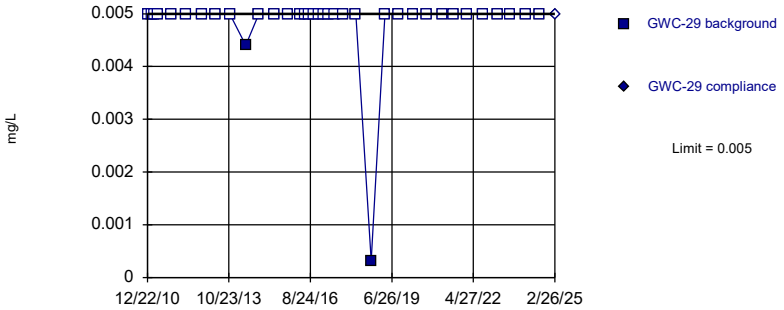
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

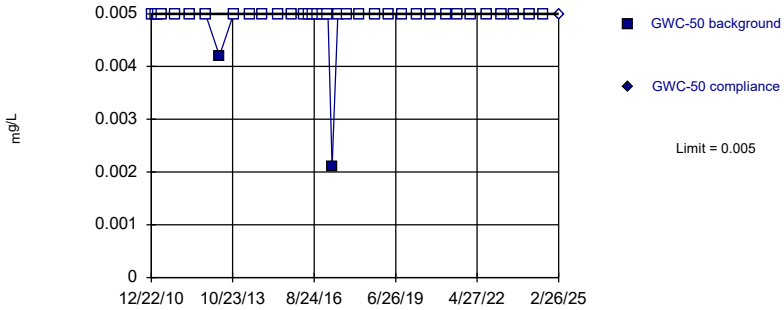
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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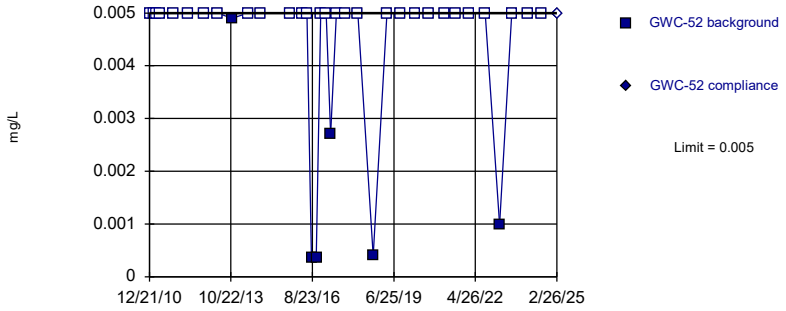
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



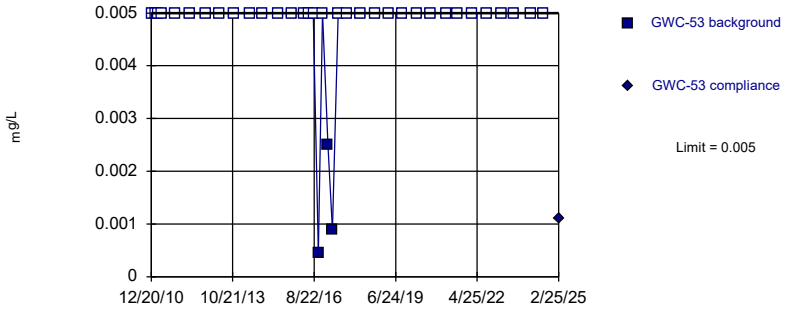
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 82.86% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



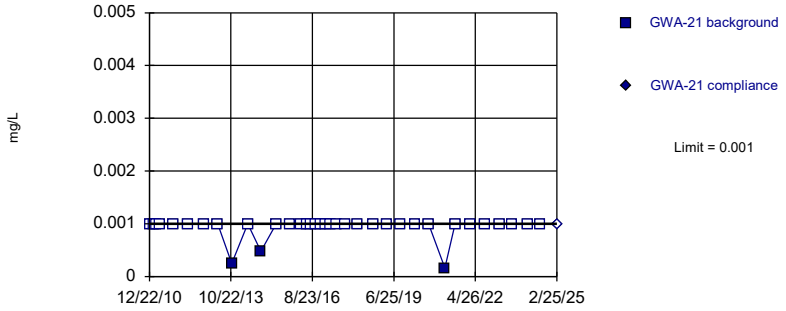
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



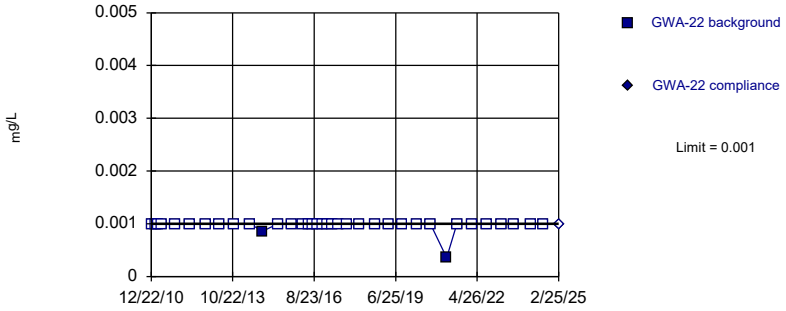
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

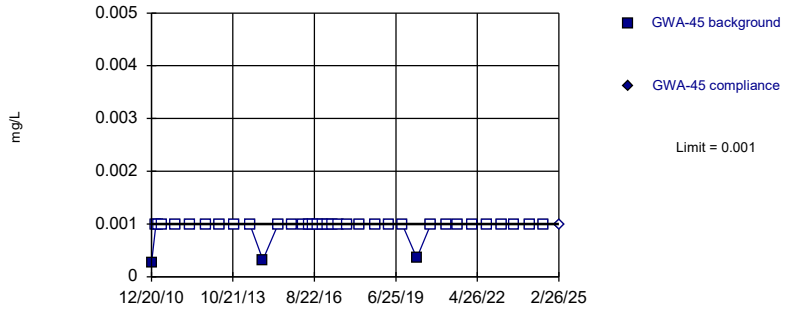
Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I

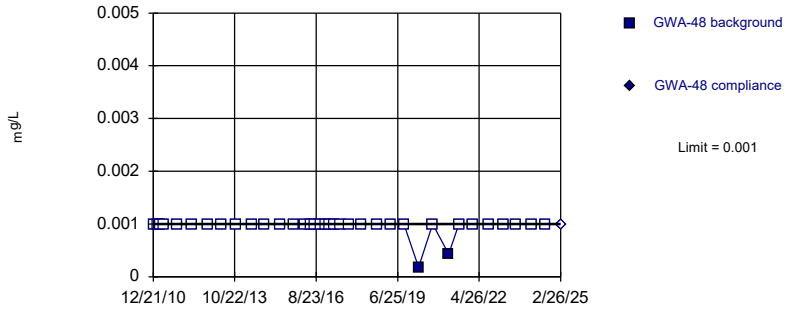
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I

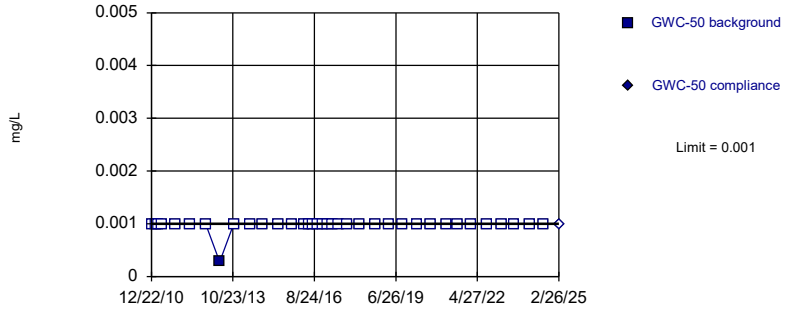
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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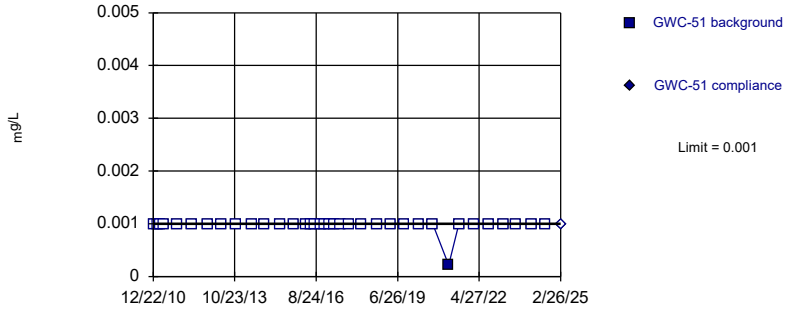
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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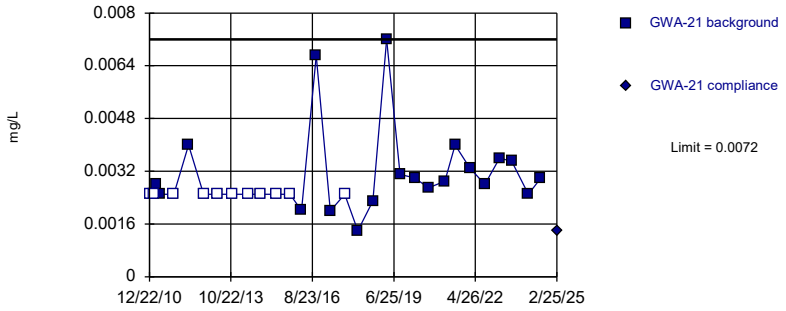
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 35.48% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

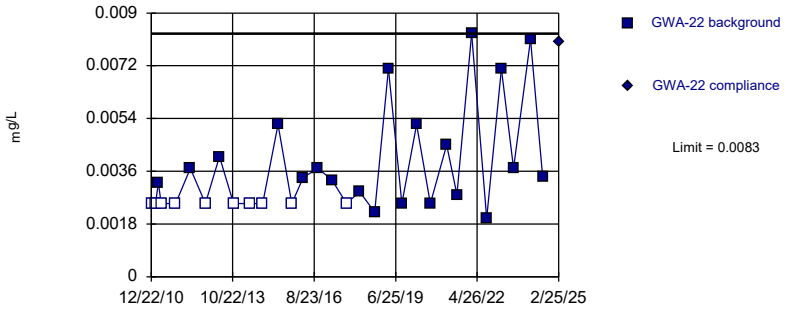
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 32.26% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

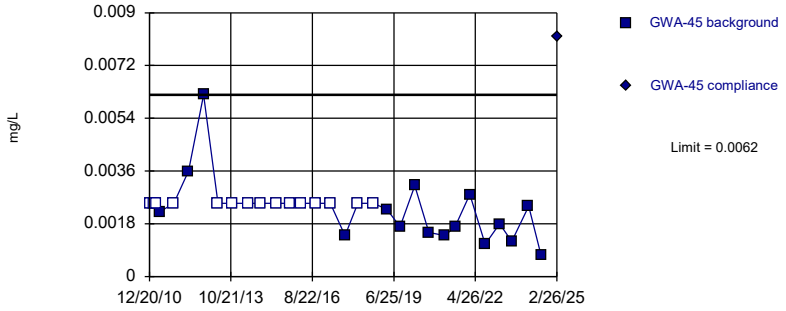
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 48.39% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

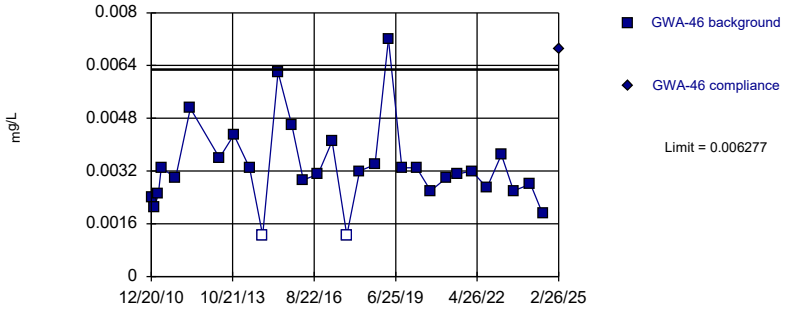
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.05652, Std. Dev.=0.01052, n=30, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9401, critical = 0.9. Kappa = 2.16 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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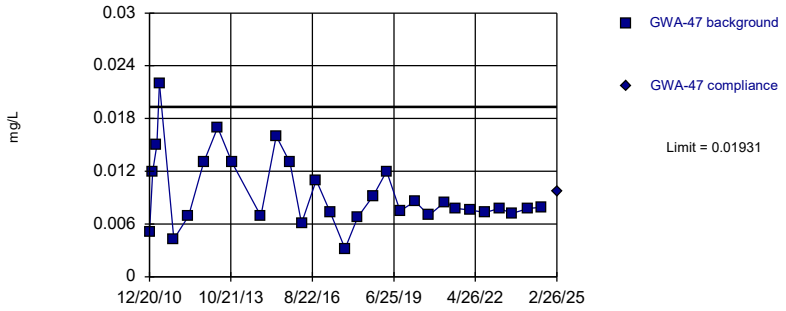
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.09539, Std. Dev.=0.02018, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9402, critical = 0.9. Kappa = 2.16 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

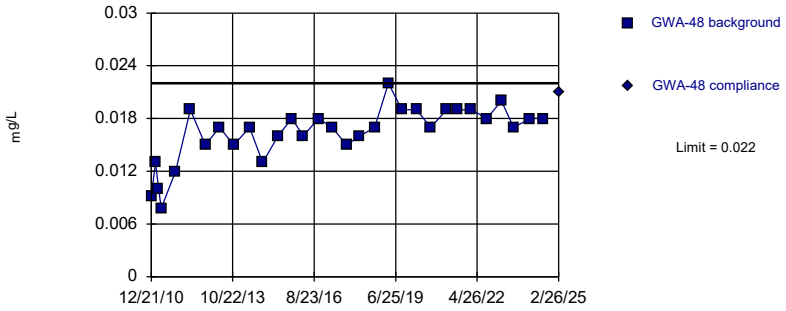
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0002765, Std. Dev.=0.00009634, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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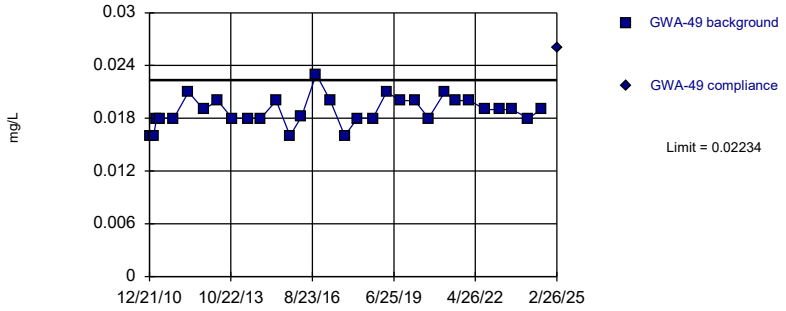
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01881, Std. Dev.=0.001639, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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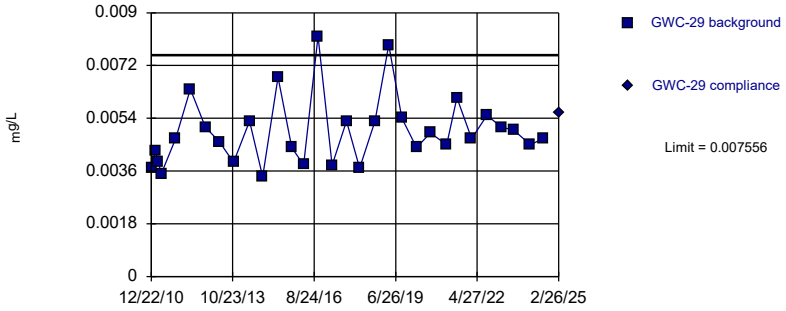
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06977, Std. Dev.=0.007969, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9238, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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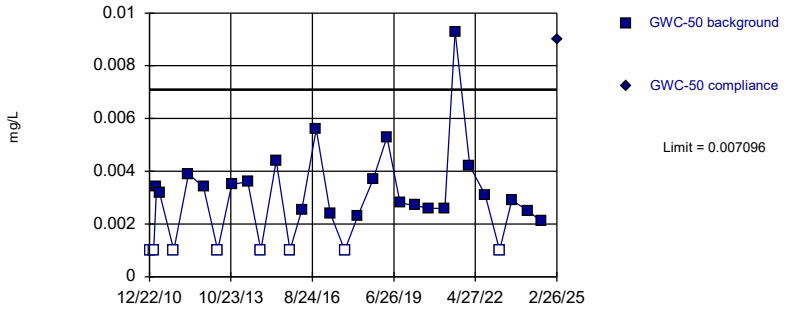
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05081, Std. Dev.=0.01553, n=31, 25.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9083, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

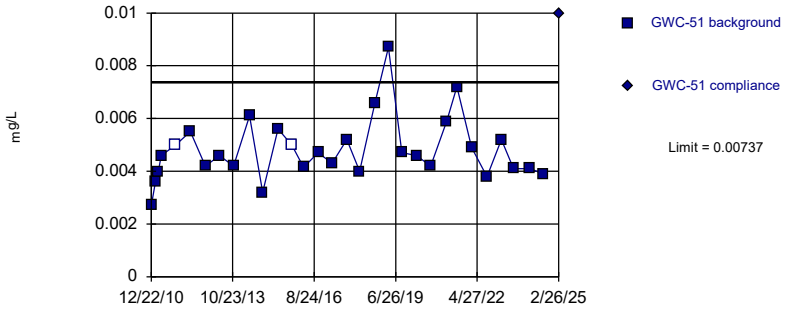
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004792, Std. Dev.=0.001198, n=31, 6.452% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9087, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

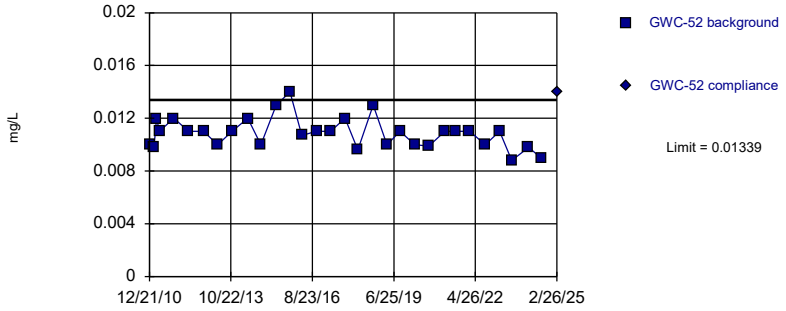
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01086, Std. Dev.=0.001174, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9253, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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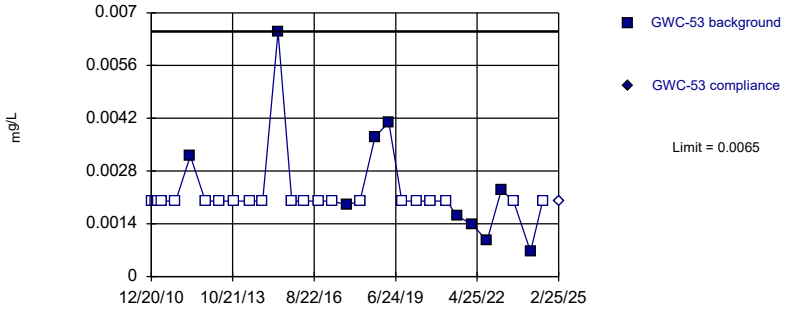
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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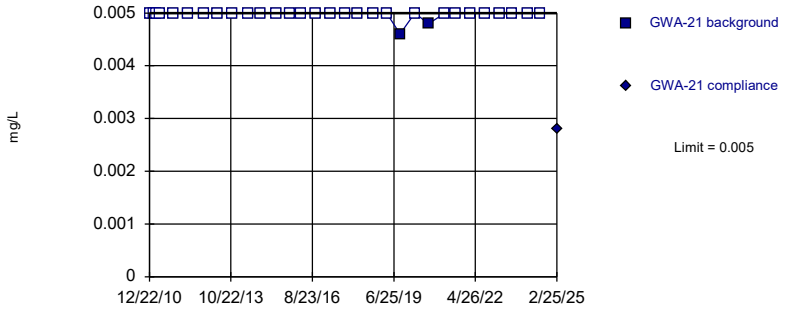
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

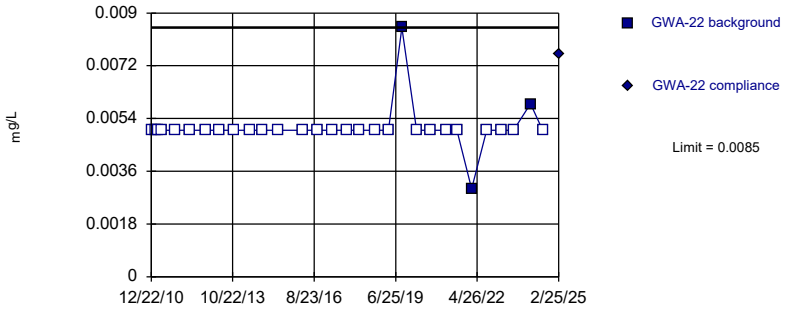
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

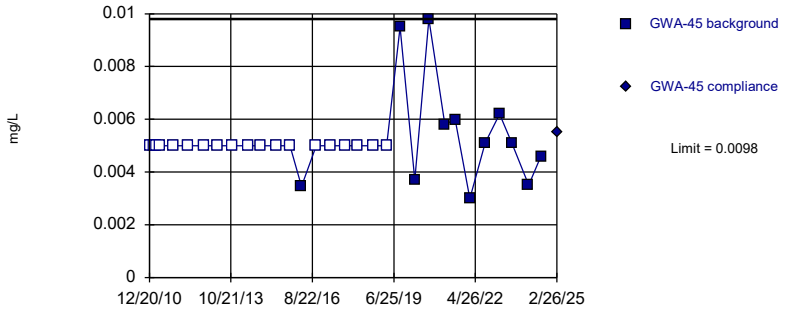
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 61.29% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

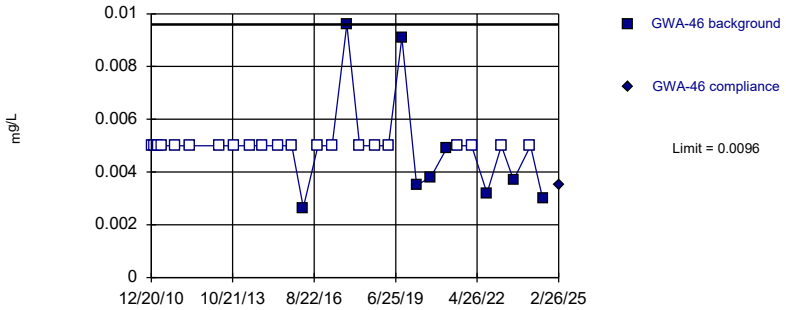
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 70% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

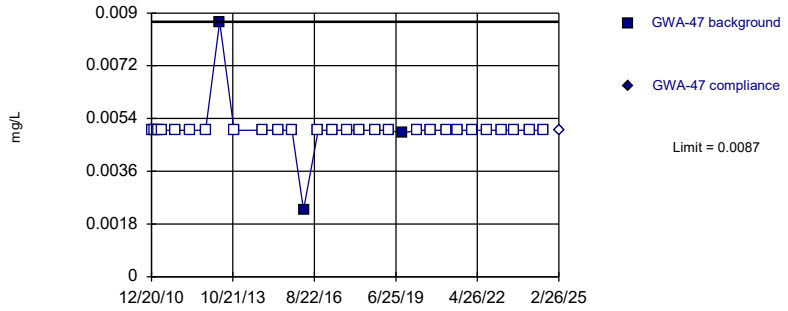
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

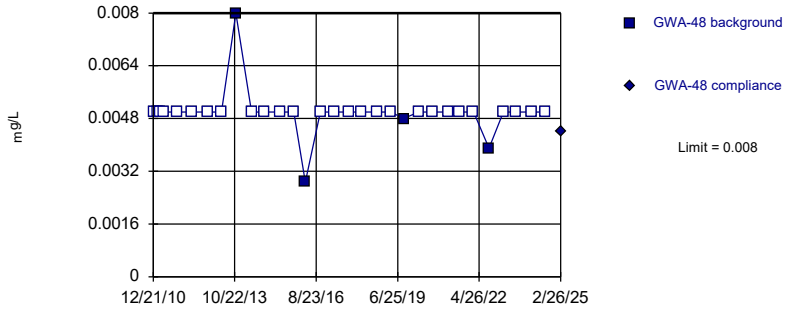
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 87.1% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

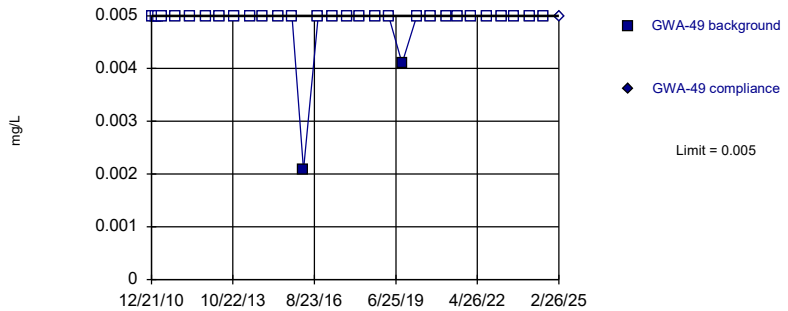
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

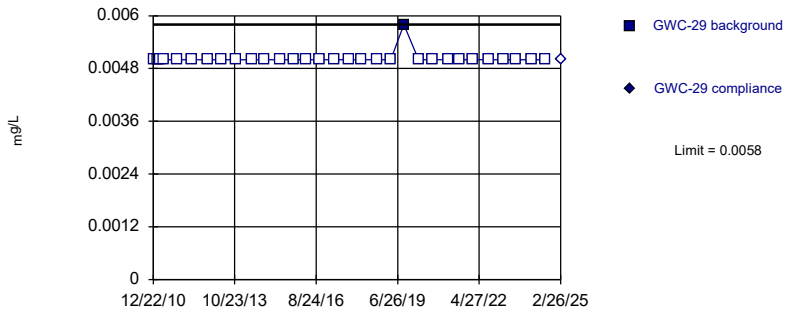
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

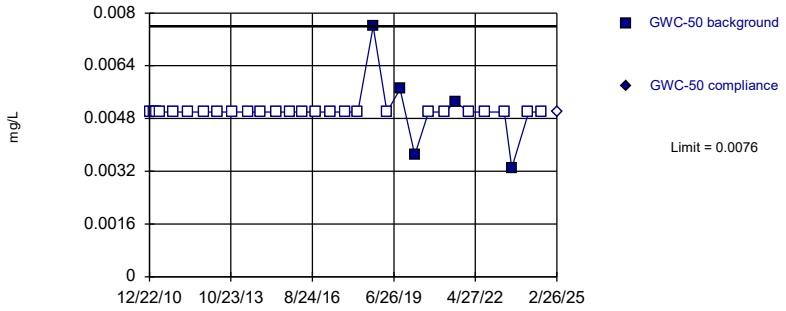
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 83.87% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

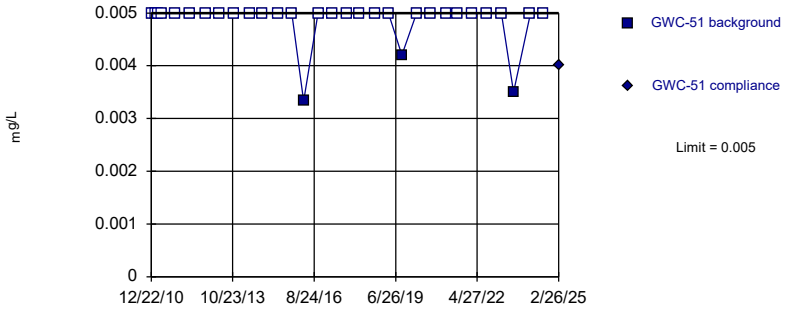
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

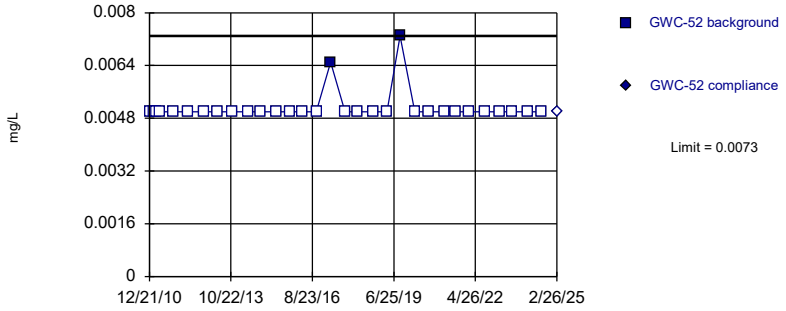
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

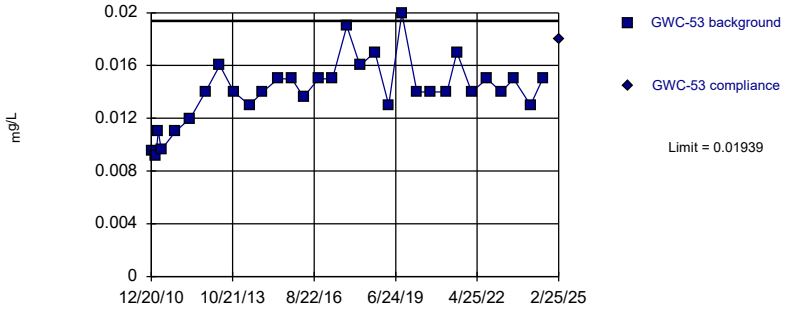
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01409, Std. Dev.=0.00246, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9445, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	<0.002	
11/13/2015	<0.002	
4/6/2016	<0.002	
6/14/2016	<0.002	
8/10/2016	0.001 (J)	
10/11/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023	<0.002	
8/2/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.002	
2/1/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	<0.002	
11/13/2015	<0.002	
4/7/2016	<0.002	
6/14/2016	0.0004 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/23/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.002	
2/1/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/8/2016	<0.002	
6/14/2016	<0.002	
8/9/2016	<0.002	
10/11/2016	<0.002	
12/5/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00059 (JB)	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.002	
2/14/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
6/17/2016	<0.002	
8/10/2016	<0.002	
10/14/2016	<0.002	
12/19/2016	<0.002	
2/13/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00089 (JB)	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	<0.002	
8/10/2016	<0.002	
10/13/2016	<0.002	
12/5/2016	<0.002	
2/13/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/15/2022	<0.002	
8/31/2022	0.00087 (JB)	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.00088 (J)	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	0.0015	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	0.00035 (J)	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0013	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00031 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.00089 (J)	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	0.00053 (J)	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/9/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	0.0013	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	0.00052 (J)	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	<0.001	
3/21/2011	<0.001	
4/28/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	0.001 (J)	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	0.00031 (J)	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	0.0011 (J)	
4/11/2017	0.0013	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.026 (J)	
2/14/2011	0.022 (J)	
3/22/2011	0.02 (J)	
4/26/2011	0.019 (I)	
10/27/2011	0.021	
5/1/2012	0.017	
11/8/2012	0.023	
5/7/2013	0.021	
11/4/2013	0.018	
5/24/2014	0.022	
11/8/2014	0.02	
5/21/2015	0.022	
11/13/2015	0.025	
4/6/2016	0.0239	
6/14/2016	0.021	
8/10/2016	0.019	
10/11/2016	0.02	
12/2/2016	0.022 (B)	
2/10/2017	0.03	
4/10/2017	0.025	
6/23/2017	0.026	
10/9/2017	0.025	
3/26/2018	0.026	
10/3/2018	0.022 (O)	
3/27/2019	0.024	
9/12/2019	0.025	
3/19/2020	0.027	
9/10/2020	0.023	
4/2/2021	0.02	
8/12/2021	0.023	
2/14/2022	0.024	
8/26/2022	0.026	
2/28/2023	0.022	
8/2/2023	0.018	
2/29/2024	0.021	
8/6/2024	0.019	
2/25/2025		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.028 (J)	
2/14/2011	0.025 (J)	
3/22/2011	0.029 (J)	
4/26/2011	0.031 (I)	
10/27/2011	0.027	
5/1/2012	0.022	
11/8/2012	0.024	
5/7/2013	0.027	
11/4/2013	0.024	
5/24/2014	0.025	
11/8/2014	0.023	
5/21/2015	0.023	
11/13/2015	0.023	
4/8/2016	0.0244	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.022	
12/5/2016	0.025	
2/10/2017	0.026	
4/7/2017	0.021	
6/26/2017	0.028	
10/9/2017	0.021	
3/26/2018	0.022	
10/3/2018	0.022	
3/27/2019	0.022	
9/12/2019	0.023	
3/19/2020	0.024	
9/10/2020	0.022	
4/2/2021	0.023	
8/12/2021	0.024	
2/15/2022	0.032	
8/26/2022	0.021	
2/28/2023	0.02	
8/3/2023	0.018	
3/4/2024	0.022	
8/8/2024	0.023	
2/25/2025		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.024 (J)	
2/14/2011	0.023 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.019 (I)	
10/26/2011	0.023	
5/1/2012	0.014	
11/8/2012	0.034	
5/8/2013	0.016	
11/4/2013	0.014	
5/24/2014	0.027	
11/7/2014	0.03	
5/20/2015	0.029	
11/13/2015	0.041	
4/7/2016	0.0381	
6/14/2016	0.034	
8/9/2016	0.032	
10/10/2016	0.037	
12/2/2016	0.038 (B)	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.05	
10/3/2018	0.042	
3/27/2019	0.057	
9/12/2019	0.1 (O)	
12/2/2019	0.11 (O)	
3/19/2020	0.11 (O)	
9/11/2020	0.15 (O)	
4/2/2021	0.11 (O)	
8/12/2021	0.091	
2/14/2022	0.077	
8/31/2022	0.065	
2/28/2023	0.056	
8/3/2023	0.055	
3/4/2024	0.057	
8/8/2024	0.048	
2/26/2025		0.052

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.019 (J)	
2/1/2011	0.017 (J)	
3/21/2011	0.019 (J)	
4/26/2011	0.02 (I)	
10/27/2011	0.018	
5/2/2012	0.017	
11/8/2012	0.048 (O)	
5/7/2013	0.02	
11/4/2013	0.019	
5/24/2014	0.019	
11/7/2014	0.019	
5/20/2015	0.018	
11/13/2015	0.02	
4/7/2016	0.0207	
6/14/2016	0.019	
8/9/2016	0.017	
10/10/2016	0.02	
12/2/2016	0.02 (B)	
2/10/2017	0.018	
4/7/2017	0.02	
6/23/2017	0.021	
10/10/2017	0.018	
3/23/2018	0.02	
10/4/2018	0.019	
3/27/2019	0.021	
9/12/2019	0.022	
3/19/2020	0.023	
9/11/2020	0.022	
4/5/2021	0.022	
8/12/2021	0.023	
2/14/2022	0.024	
8/31/2022	0.022	
2/28/2023	0.022	
8/3/2023	0.021	
3/4/2024	0.022	
8/8/2024	0.024	
2/26/2025		0.023

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.029 (J)	
2/1/2011	0.038 (J)	
3/23/2011	0.045 (J)	
4/27/2011	0.043 (I)	
10/26/2011	0.023	
5/1/2012	0.021	
11/8/2012	0.038	
5/7/2013	0.042	
11/5/2013	0.039	
5/23/2014	0.088 (O)	
11/7/2014	0.027	
5/21/2015	0.036	
11/12/2015	0.038	
4/8/2016	0.0261	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.03	
12/5/2016	0.026	
2/10/2017	0.023	
4/7/2017	0.024	
6/22/2017	0.025	
10/10/2017	0.022	
3/22/2018	0.024	
10/5/2018	0.026	
3/27/2019	0.026	
9/12/2019	0.028	
3/20/2020	0.029	
9/11/2020	0.026	
4/5/2021	0.028	
8/13/2021	0.026	
2/14/2022	0.029	
8/31/2022	0.031	
2/28/2023	0.027	
8/3/2023	0.027 (B)	
3/4/2024	0.032	
8/8/2024	0.038	
2/26/2025		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.055 (JO)	
2/14/2011	0.05 (JO)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (I)	
10/25/2011	0.02	
5/1/2012	0.017	
11/8/2012	0.012	
5/7/2013	0.022	
11/5/2013	0.012	
5/23/2014	0.02	
11/7/2014	0.012	
5/21/2015	0.011	
11/12/2015	0.012	
4/7/2016	0.0116	
6/17/2016	0.012	
8/10/2016	0.012	
10/14/2016	0.016	
12/19/2016	0.012	
2/13/2017	0.017	
4/7/2017	0.011	
6/22/2017	0.014	
10/10/2017	0.012	
3/23/2018	0.012	
10/3/2018	0.012	
3/27/2019	0.013	
9/12/2019	0.016	
3/19/2020	0.02	
9/11/2020	0.013	
4/5/2021	0.015	
8/12/2021	0.013	
2/14/2022	0.014	
8/31/2022	0.016	
2/28/2023	0.014	
8/3/2023	0.013 (B)	
3/4/2024	0.015	
8/8/2024	0.015	
2/26/2025		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.021 (J)	
2/14/2011	0.021 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.021 (I)	
10/26/2011	0.019	
5/2/2012	0.018	
11/8/2012	0.018	
5/8/2013	0.017	
11/5/2013	0.019	
5/23/2014	0.021	
11/7/2014	0.019	
5/21/2015	0.02	
11/12/2015	0.019	
4/7/2016	0.0201	
6/14/2016	0.017	
8/9/2016	0.017	
10/11/2016	0.02	
12/2/2016	0.02 (B)	
2/9/2017	0.018	
4/7/2017	0.018	
6/22/2017	0.02	
10/10/2017	0.02	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.019	
9/12/2019	0.022	
3/19/2020	0.02	
9/10/2020	0.02	
4/6/2021	0.02	
8/12/2021	0.024	
2/14/2022	0.022	
8/30/2022	0.021	
3/1/2023	0.019	
8/3/2023	0.02	
3/4/2024	0.019	
8/9/2024	0.021	
2/26/2025		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.016 (J)	
2/15/2011	0.016 (J)	
3/22/2011	0.014 (J)	
4/27/2011	0.016 (I)	
10/26/2011	0.015	
5/2/2012	0.012	
11/8/2012	0.015	
5/8/2013	0.014	
11/4/2013	0.016	
5/24/2014	0.015	
11/7/2014	0.016	
5/22/2015	0.015	
11/13/2015	0.016	
4/11/2016	0.0167	
6/15/2016	0.015	
8/10/2016	0.015	
10/11/2016	0.017	
12/5/2016	0.017	
2/13/2017	0.016	
4/10/2017	0.015	
6/23/2017	0.017	
10/10/2017	0.016	
3/26/2018	0.015	
10/4/2018	0.018	
3/28/2019	0.017	
9/12/2019	0.019	
3/19/2020	0.019	
9/10/2020	0.02	
4/6/2021	0.018	
8/13/2021	0.021	
2/14/2022	0.02	
8/31/2022	0.025	
3/1/2023	0.02	
8/3/2023	0.019 (B)	
3/4/2024	0.025	
8/8/2024	0.02	
2/26/2025		0.018

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.013	
5/2/2012	0.0084 (I)	
11/8/2012	0.012	
5/8/2013	0.013	
11/4/2013	0.012	
5/24/2014	0.012	
11/8/2014	0.01	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.0132	
6/15/2016	0.011	
8/10/2016	0.012	
10/11/2016	0.012	
12/2/2016	0.012 (B)	
2/13/2017	0.013	
4/7/2017	0.01	
6/22/2017	0.012	
10/10/2017	0.011	
3/23/2018	0.011	
10/4/2018	0.012	
3/28/2019	0.012	
9/12/2019	0.013	
3/19/2020	0.013	
9/10/2020	0.013	
4/6/2021	0.013	
8/13/2021	0.029	
2/14/2022	0.018	
8/31/2022	0.015	
3/1/2023	0.038	
8/3/2023	0.013	
3/4/2024	0.014	
8/8/2024	0.014	
2/26/2025		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (I)	
11/8/2012	0.01	
5/8/2013	0.0094 (J)	
11/4/2013	0.0094 (J)	
5/24/2014	0.0094 (J)	
11/7/2014	0.0094 (J)	
5/22/2015	0.0092 (J)	
11/13/2015	0.0095 (J)	
4/11/2016	0.0105	
6/16/2016	0.0089 (J)	
8/10/2016	0.0082	
10/13/2016	0.0088	
12/5/2016	0.01	
2/13/2017	0.0097	
4/10/2017	0.0082	
6/23/2017	0.01	
10/11/2017	0.0092	
3/26/2018	0.0094	
10/4/2018	0.0093	
3/27/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.011	
9/11/2020	0.01	
4/5/2021	0.01	
8/13/2021	0.019	
2/15/2022	0.011	
8/31/2022	0.011	
2/28/2023	0.01	
8/3/2023	0.011	
3/4/2024	0.011	
8/8/2024	0.012	
2/26/2025		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01 (J)	
2/15/2011	0.0086 (J)	
3/21/2011	0.009 (J)	
4/28/2011	0.012 (I)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (I)	
11/9/2012	0.0091 (J)	
5/8/2013	0.0096 (J)	
11/4/2013	0.012	
5/24/2014	0.011	
11/7/2014	0.011	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.012	
6/16/2016	0.011	
8/11/2016	0.012 (B)	
10/13/2016	0.012	
12/5/2016	0.013	
2/13/2017	0.012	
4/11/2017	0.012	
6/24/2017	0.013	
10/11/2017	0.012	
3/26/2018	0.013	
10/4/2018	0.013	
3/28/2019	0.014	
9/12/2019	0.017	
3/19/2020	0.018	
9/11/2020	0.017	
4/5/2021	0.019	
8/17/2021	0.02	
2/14/2022	0.021	
8/31/2022	0.022	
3/1/2023		0.023
8/3/2023		0.021
3/4/2024		0.025
8/8/2024		0.029
2/26/2025		0.033

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	0.1	
3/21/2011	0.1	
4/27/2011	0.091 (I)	
10/26/2011	0.1	
5/1/2012	0.095	
11/9/2012	0.093	
5/8/2013	0.077	
11/4/2013	0.083	
5/24/2014	0.07	
11/7/2014	0.065	
5/20/2015	0.058	
11/13/2015	0.058	
4/8/2016	0.0619	
6/16/2016	0.052	
8/11/2016	0.044 (B)	
10/13/2016	0.049	
12/6/2016	0.047	
2/13/2017	0.05	
4/11/2017	0.053	
6/24/2017	0.054	
10/11/2017	0.05	
3/26/2018	0.05	
10/4/2018	0.042	
3/28/2019	0.045	
9/12/2019	0.043	
3/19/2020	0.047	
9/11/2020	0.044	
4/6/2021	0.041	
8/13/2021	0.038	
2/14/2022	0.042	
8/31/2022	0.036	
2/28/2023		0.039
8/3/2023		0.033
3/4/2024		0.036
8/8/2024		0.036
2/25/2025		0.032

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/26/2017	<0.0025	
10/9/2017	<0.0025	
3/26/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/2/2021	<0.0025	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		0.00022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	0.0016 (J)	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	7.4E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0025	
2/15/2011	<0.0025	
3/21/2011	<0.0025	
4/28/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	0.00017 (J)	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/17/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/6/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/25/2025		9E-05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.0052	
2/14/2011	0.0057	
3/22/2011	0.0055	
4/26/2011	0.0069	
10/27/2011	0.011	
5/1/2012	0.0056	
11/8/2012	<0.002	
5/7/2013	0.0036 (J)	
11/4/2013	0.0032 (JV)	
5/24/2014	0.0043 (J)	
11/8/2014	<0.002	
5/21/2015	0.002 (J)	
11/13/2015	<0.002	
4/6/2016	0.00278 (J)	
6/14/2016	0.0014 (J)	
8/10/2016	0.0019 (J)	
10/11/2016	0.0024 (J)	
12/2/2016	0.0023 (J)	
2/10/2017	0.0021 (J)	
4/10/2017	0.002 (J)	
6/23/2017	0.0018 (J)	
10/9/2017	0.0016 (J)	
3/26/2018	0.0011 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	0.003	
9/12/2019	0.0047 (B)	
3/19/2020	0.0026	
9/10/2020	0.0019 (J)	
4/2/2021	0.0029	
8/12/2021	0.0016 (J)	
2/14/2022	0.0026	
8/26/2022	0.0016 (J)	
2/28/2023	0.0024	
8/2/2023	0.0028	
2/29/2024	0.0021	
8/6/2024	0.0021	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0029 (J)	
2/14/2011	0.0027 (J)	
3/22/2011	0.0049 (J)	
4/26/2011	0.0048 (I)	
10/27/2011	0.0023 (J)	
5/1/2012	0.0051	
11/8/2012	0.0034 (J)	
5/7/2013	0.0078	
11/4/2013	0.0055 (JV)	
5/24/2014	0.0075 (J)	
11/8/2014	0.0048 (J)	
5/21/2015	0.0082 (J)	
11/13/2015	0.0079 (J)	
4/8/2016	0.00878 (J)	
6/14/2016	0.0071 (J)	
8/9/2016	0.0079	
10/11/2016	0.0069	
12/5/2016	0.0077	
2/10/2017	0.0098	
4/7/2017	0.0081	
6/26/2017	0.0084	
10/9/2017	0.0082	
3/26/2018	0.0088	
10/3/2018	0.0086	
3/27/2019	0.0078	
9/12/2019	0.0092 (B)	
3/19/2020	0.011	
9/10/2020	0.0077	
4/2/2021	0.01	
8/12/2021	0.008	
2/15/2022	0.013	
8/26/2022	0.0078	
2/28/2023	0.01	
8/3/2023	0.0089	
3/4/2024	0.011	
8/8/2024	0.013	
2/25/2025		0.01

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0025 (J)	
11/13/2015	0.0042 (J)	
4/7/2016	<0.002	
6/14/2016	0.00055 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	0.0012 (J)	
3/4/2024	0.0016 (J)	
8/8/2024	<0.002	
2/26/2025		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0036 (J)	
2/1/2011	0.0037 (J)	
3/21/2011	0.004 (J)	
4/26/2011	0.0037 (I)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (JV)	
5/24/2014	0.005 (J)	
11/7/2014	0.004 (J)	
5/20/2015	0.0062 (J)	
11/13/2015	0.0067 (J)	
4/7/2016	0.00467 (J)	
6/14/2016	0.0041 (J)	
8/9/2016	0.0041	
10/10/2016	0.0041	
12/2/2016	0.0039	
2/10/2017	0.0044	
4/7/2017	0.0046	
6/23/2017	0.005	
10/10/2017	0.0088	
3/23/2018	0.0045	
10/4/2018	0.0047	
3/27/2019	0.0048	
9/12/2019	0.0051 (B)	
3/19/2020	0.0043	
9/11/2020	0.0042	
4/5/2021	0.0041	
8/12/2021	0.0045	
2/14/2022	0.0047	
8/31/2022	0.0048	
2/28/2023	0.0047	
8/3/2023	0.0053	
3/4/2024	0.0048	
8/8/2024	0.006	
2/26/2025		0.0048

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0064	
2/1/2011	0.015	
3/23/2011	0.0084	
4/27/2011	0.011	
10/26/2011	0.0061	
5/1/2012	0.0072	
11/8/2012	0.015	
5/7/2013	0.044	
11/5/2013	0.023	
5/23/2014	0.022	
11/7/2014	0.013	
5/21/2015	0.029	
11/12/2015	0.045	
4/8/2016	0.00752 (J)	
6/14/2016	0.007 (J)	
8/9/2016	0.008	
10/11/2016	0.0079	
12/5/2016	0.0057	
2/10/2017	0.0062	
4/7/2017	0.0072	
6/22/2017	0.0074	
10/10/2017	0.0072	
3/22/2018	0.0074	
10/5/2018	0.0083	
3/27/2019	0.0081	
9/12/2019	0.0088 (B)	
3/20/2020	0.0085	
9/11/2020	0.0081	
4/5/2021	0.0084	
8/13/2021	0.0082	
2/14/2022	0.0086	
8/31/2022	0.0084	
2/28/2023	0.0084	
8/3/2023	0.0092	
3/4/2024	0.01	
8/8/2024	0.012	
2/26/2025		0.01

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.005	
10/25/2011	0.0062	
5/1/2012	0.011	
11/8/2012	0.0089	
5/7/2013	0.019	
11/5/2013	0.0057 (JV)	
5/23/2014	0.0084 (J)	
11/7/2014	0.011	
5/21/2015	0.013	
11/12/2015	0.015	
4/7/2016	0.00498 (J)	
6/17/2016	0.004 (J)	
8/10/2016	0.0047	
10/14/2016	0.0056	
12/19/2016	0.0039	
2/13/2017	0.0059	
4/7/2017	0.0051	
6/22/2017	0.005	
10/10/2017	0.005	
3/23/2018	0.005	
10/3/2018	0.0051	
3/27/2019	0.0051	
9/12/2019	0.0085 (B)	
3/19/2020	0.0063	
9/11/2020	0.0053	
4/5/2021	0.0061	
8/12/2021	0.0058	
2/14/2022	0.0058	
8/31/2022	0.0059	
2/28/2023	0.0058	
8/3/2023	0.0056	
3/4/2024	0.0063	
8/8/2024	0.0061	
2/26/2025		0.0061

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.0073	
2/14/2011	0.0051	
3/21/2011	0.0067	
4/26/2011	0.0065	
10/26/2011	0.0068	
5/2/2012	0.011	
11/8/2012	0.0052	
5/8/2013	0.0059	
11/5/2013	0.0044 (JV)	
5/23/2014	0.0087 (J)	
11/7/2014	0.0048 (J)	
5/21/2015	0.006 (J)	
11/12/2015	0.007 (J)	
4/7/2016	0.0056 (J)	
6/14/2016	0.0048 (J)	
8/9/2016	0.0053	
10/11/2016	0.0058	
12/2/2016	0.0071	
2/9/2017	0.0051	
4/7/2017	0.006	
6/22/2017	0.0056	
10/10/2017	0.0073	
3/22/2018	0.0051	
10/3/2018	0.0052	
3/27/2019	0.0056	
9/12/2019	0.0075 (B)	
3/19/2020	0.0055	
9/10/2020	0.0063	
4/6/2021	0.0055	
8/12/2021	0.0096	
2/14/2022	0.0076	
8/30/2022	0.0064	
3/1/2023	0.0057	
8/3/2023	0.0065	
3/4/2024	0.006	
8/9/2024	0.0059	
2/26/2025		0.0057

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0026 (J)	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	0.002 (I)	
10/26/2011	0.002 (J)	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0027 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/22/2015	0.0034 (J)	
11/13/2015	0.0038 (J)	
4/11/2016	<0.002	
6/15/2016	0.0015 (J)	
8/10/2016	0.0014 (J)	
10/11/2016	0.0017 (J)	
12/5/2016	0.0014 (J)	
2/13/2017	0.0016 (J)	
4/10/2017	0.0014 (J)	
6/23/2017	0.0014 (J)	
10/10/2017	0.0039	
3/26/2018	0.0013 (J)	
10/4/2018	0.0014 (J)	
3/28/2019	0.0012 (J)	
9/12/2019	0.0021 (JB)	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
3/1/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	0.0012 (J)	
8/8/2024	0.0012 (J)	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.0034 (J)	
2/15/2011	0.0034 (J)	
3/22/2011	0.0037 (J)	
4/27/2011	0.0038 (I)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (I)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.002	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	0.0041 (J)	
8/10/2016	0.0047	
10/11/2016	0.0048	
12/2/2016	0.0043	
2/13/2017	0.0047	
4/7/2017	0.0044	
6/22/2017	0.0045	
10/10/2017	0.005	
3/23/2018	0.0042	
10/4/2018	0.005	
3/28/2019	0.0043	
9/12/2019	0.006 (B)	
3/19/2020	0.0047	
9/10/2020	0.0047	
4/6/2021	0.0044	
8/13/2021	0.0089	
2/14/2022	0.0046	
8/31/2022	0.004	
3/1/2023	<0.002	
8/3/2023	0.0042	
3/4/2024	0.0042	
8/8/2024	0.0037	
2/26/2025		0.0032

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0036 (J)	
2/15/2011	0.0038 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0042 (I)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (I)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.003 (J)	
11/7/2014	<0.01	
5/22/2015	0.0023 (J)	
11/13/2015	0.0042 (J)	
4/11/2016	0.00309 (J)	
6/16/2016	0.0025 (J)	
8/10/2016	0.0023 (J)	
10/13/2016	0.0028	
12/5/2016	0.0032	
2/13/2017	0.0021 (J)	
4/10/2017	0.0022 (J)	
6/23/2017	0.0025	
10/11/2017	0.0027	
3/26/2018	0.0028	
10/4/2018	0.0041	
3/27/2019	0.0044	
9/12/2019	0.0043 (B)	
3/19/2020	0.0032	
9/11/2020	0.0041	
4/5/2021	0.0054	
8/13/2021	0.0087	
2/15/2022	0.0054	
8/31/2022	0.0047	
2/28/2023	0.0047	
8/3/2023	0.0063	
3/4/2024	0.0064	
8/8/2024	0.0064	
2/26/2025		0.0078

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0087	
3/21/2011	0.0083	
4/28/2011	0.0076	
10/26/2011	0.0078	
5/1/2012	0.0049 (I)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013 (V)	
5/24/2014	0.012	
11/7/2014	0.0084 (J)	
5/22/2015	0.0096 (J)	
11/13/2015	0.011	
4/11/2016	0.0101	
6/16/2016	0.01	
8/11/2016	0.0097	
10/13/2016	0.012	
12/5/2016	0.012	
2/13/2017	0.011	
4/11/2017	0.011	
6/24/2017	0.0095	
10/11/2017	0.0096	
3/26/2018	0.012	
10/4/2018	0.016	
3/28/2019		0.019
9/12/2019		0.027 (B)
3/19/2020		0.029
9/11/2020		0.028
4/5/2021		0.031
8/17/2021		0.034
2/14/2022		0.036
8/31/2022		0.038
3/1/2023		0.038
8/3/2023		0.035
3/4/2024		0.033
8/8/2024		0.033
2/26/2025		0.026

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	0.0033 (J)	
5/1/2012	0.0025 (I)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0035 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/20/2015	0.0021 (J)	
11/13/2015	0.0041 (J)	
4/8/2016	0.0053 (J)	
6/16/2016	0.0014 (J)	
8/11/2016	0.0013 (J)	
10/13/2016	0.0018 (J)	
12/6/2016	0.0014 (J)	
2/13/2017	0.0021 (J)	
4/11/2017	0.0012 (J)	
6/24/2017	0.0017 (J)	
10/11/2017	0.0013 (J)	
3/26/2018	0.0014 (J)	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	0.002 (JB)	
3/19/2020	<0.002	
9/11/2020	0.0023	
4/6/2021	<0.002	
8/13/2021	0.0019 (J)	
2/14/2022	0.0018 (J)	
8/31/2022	0.002	
2/28/2023	0.003	
8/3/2023	<0.002	
3/4/2024	0.0013 (J)	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	<0.0025	
6/14/2016	6.6E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	0.00047 (J)	
12/2/2016	0.0014 (J)	
2/10/2017	0.00052 (J)	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/9/2017	0.00053 (J)	
3/26/2018	0.00088 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	<0.0025	
9/12/2019	0.0004 (J)	
3/19/2020	0.00015 (J)	
9/10/2020	0.00019 (J)	
4/2/2021	0.00016 (J)	
8/12/2021	0.00028 (J)	
2/14/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023	<0.0025	
8/2/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	0.00056 (J)	
2/25/2025		0.00023 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0038 (JO)	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	0.00042 (J)	
8/9/2016	0.00068 (J)	
10/11/2016	<0.0025	
12/5/2016	0.0012 (J)	
2/10/2017	0.0013 (J)	
4/7/2017	<0.0025	
6/26/2017	0.00073 (J)	
10/9/2017	<0.0025	
3/26/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00014 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	0.00015 (J)	
2/15/2022	0.00054 (J)	
8/26/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.012 (o)	
2/14/2011	0.0093 (Jo)	
3/21/2011	0.0076 (Jo)	
4/26/2011	0.0058 (Io)	
10/26/2011	0.005 (Jo)	
5/1/2012	0.0032 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	0.0031 (J)	
8/9/2016	0.0023 (J)	
10/10/2016	0.0024 (J)	
12/2/2016	0.0021 (J)	
2/9/2017	0.00096 (J)	
4/7/2017	0.0034	
6/22/2017	0.0029	
10/10/2017	0.0025	
3/22/2018	0.0015 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.00083 (J)	
9/12/2019	0.0018 (J)	
3/19/2020	0.0005 (J)	
9/11/2020	0.0035	
4/2/2021	0.002 (J)	
8/12/2021	0.0024 (J)	
2/14/2022	0.00059 (J)	
8/31/2022	0.0012 (JB)	
2/28/2023	0.00097 (J)	
8/3/2023	0.0011 (J)	
3/4/2024	0.0004 (J)	
8/8/2024	0.0012 (J)	
2/26/2025		0.00072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	3.8E-05 (J)	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	9.5E-05 (J)	
3/19/2020	0.00025 (J)	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0033 (JO)	
2/1/2011	0.003 (J)	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	0.0048 (JO)	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	4.2E-05 (J)	
8/9/2016	<0.0025	
10/11/2016	0.00052 (J)	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00011 (J)	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.00017 (J)	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/25/2011	<0.0025	
5/1/2012	0.0039 (O)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/17/2016	0.00017 (J)	
8/10/2016	<0.0025	
10/14/2016	<0.0025	
12/19/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	0.00029 (J)	
9/11/2020	<0.0025	
4/5/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	0.0004 (J)	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00017 (J)	
3/19/2020	<0.0025	
9/10/2020	0.0002 (J)	
4/6/2021	<0.0025	
8/12/2021	0.00072 (J)	
2/14/2022	0.00039 (J)	
8/30/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/9/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00015 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00074 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	0.01	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	3.8E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00012 (J)	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.0002 (J)	
8/13/2021	0.00059 (J)	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0025	
2/15/2011	<0.0025	
3/21/2011	<0.0025	
4/28/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	7E-05 (J)	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/17/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0051 (J)	
2/14/2011	0.0038 (J)	
3/21/2011	0.0037 (J)	
4/27/2011	<0.0025	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (I)	
11/9/2012	0.007 (J)	
5/8/2013	0.0047 (J)	
11/4/2013	0.0096 (J)	
5/24/2014	0.0097 (J)	
11/7/2014	0.012	
5/20/2015	0.011	
11/13/2015	0.013	
4/8/2016	0.00315 (J)	
6/16/2016	0.0062 (J)	
8/11/2016	0.0092	
10/13/2016	0.0045	
12/6/2016	0.0043	
2/13/2017	0.011	
4/11/2017	0.012	
6/24/2017	0.011	
10/11/2017	0.016	
3/26/2018	0.0069	
10/4/2018	0.016	
3/28/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.0083	
9/11/2020	0.002 (J)	
4/6/2021	0.0062	
8/13/2021	0.015	
2/14/2022	0.011	
8/31/2022	0.014 (B)	
2/28/2023	0.0038	
8/3/2023	0.013	
3/4/2024	0.0067	
8/8/2024	0.01	
2/25/2025		0.012

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.0028 (JO)	
11/13/2015	<0.002	
4/6/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	0.0023	
4/2/2021	<0.002	
8/12/2021	0.00066 (J)	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023	<0.002	
8/2/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.003 (J)	
11/13/2015	0.078 (O)	
4/8/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	0.0015 (J)	
8/26/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	0.0025	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.0021 (J)	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	0.0034 (J)	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	0.002 (J)	
5/20/2015	0.0024 (J)	
11/13/2015	<0.002	
4/7/2016	<0.002	
10/10/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	0.00072 (J)	
9/11/2020	0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	0.0068	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0065 (J)	
2/1/2011	0.018	
3/23/2011	0.022	
4/27/2011	0.02	
10/26/2011	0.0025 (J)	
5/1/2012	0.0022 (I)	
11/8/2012	0.015	
5/7/2013	0.02	
11/5/2013	0.014	
5/23/2014	0.06 (O)	
11/7/2014	0.0032 (J)	
5/21/2015	0.017 (JV)	
11/12/2015	0.01 (J)	
4/8/2016	<0.002	
10/11/2016	0.0051	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	0.0011 (J)	
9/11/2020	<0.002	
4/5/2021	0.0019 (J)	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0084 (J)	
2/14/2011	0.013 (O)	
3/23/2011	0.0061 (J)	
4/27/2011	<0.002	
10/25/2011	0.002 (J)	
5/1/2012	0.0027 (I)	
11/8/2012	<0.002	
5/7/2013	0.0039 (J)	
11/5/2013	<0.002	
5/23/2014	0.0029 (J)	
11/7/2014	<0.002	
5/21/2015	0.0031 (J)	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/14/2016	0.0024 (J)	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	0.00083 (J)	
3/19/2020	0.0022	
9/11/2020	<0.002	
4/5/2021	0.00093 (J)	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	0.0031	
2/14/2022	0.0014 (J)	
8/30/2022	<0.002	
3/1/2023	0.0011 (J)	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/9/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	0.0031 (JO)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0046	
2/14/2022	0.0013 (J)	
8/31/2022	<0.002	
3/1/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/10/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	0.0013 (J)	
4/5/2021	<0.002	
8/13/2021	0.0025	
2/15/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	0.0012 (J)	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	0.0028 (J)	
3/22/2011	0.0021 (J)	
4/26/2011	0.003 (I)	
10/27/2011	0.0028 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0044 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	0.0032 (J)	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.0022	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/2/2023	<0.001	
2/29/2024	0.00023 (J)	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	0.002 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	0.0033 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0048 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.0021 (J)	
5/21/2015	0.002 (J)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00018 (J)	
8/12/2021	<0.001	
2/15/2022	0.00025 (J)	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	0.002	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	0.0024 (J)	
3/21/2011	<0.001	
4/26/2011	0.0027 (I)	
10/26/2011	0.0026 (J)	
5/1/2012	<0.001	
11/8/2012	0.0023 (J)	
5/8/2013	0.0026 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.005 (J)	
11/13/2015	0.0031 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00019 (J)	
9/11/2020	0.0016	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	0.0024 (I)	
10/27/2011	0.0025 (J)	
5/2/2012	<0.001	
11/8/2012	0.003 (J)	
5/7/2013	0.0029 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0037 (J)	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0027 (J)	
3/23/2011	0.0041 (J)	
4/27/2011	0.0054	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0022 (J)	
5/7/2013	0.0062	
11/5/2013	<0.001	
5/23/2014	0.0026 (J)	
11/7/2014	0.0022 (J)	
5/21/2015	0.0049 (J)	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	0.00096 (J)	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	0.0029 (J)	
3/23/2011	0.0028 (J)	
4/27/2011	0.0038 (I)	
10/25/2011	0.0043 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0064	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	0.0026 (J)	
5/21/2015	0.0038 (J)	
11/12/2015	0.0021 (J)	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0002 (J)	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	0.0032 (J)	
3/21/2011	0.0038 (J)	
4/26/2011	0.0046 (I)	
10/26/2011	0.0024 (J)	
5/2/2012	<0.001	
11/8/2012	0.0021 (J)	
5/8/2013	0.006	
11/5/2013	0.0023 (J)	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	0.0062 (J)	
11/12/2015	0.0035 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	0.00043 (J)	
8/9/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	0.0021 (J)	
3/22/2011	0.0027 (J)	
4/27/2011	0.0024 (I)	
10/26/2011	0.0021 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0038 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	0.0028 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0028 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0043 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0042 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00054 (J)	
2/14/2022	0.00019 (J)	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	0.0032 (J)	
3/22/2011	0.0024 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0023 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0035 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	0.00041 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	0.0015	
4/5/2021	<0.001	
8/13/2021	0.00022 (J)	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	0.0034 (J)	
3/21/2011	0.004 (J)	
4/28/2011	0.0036 (I)	
10/26/2011	0.0038 (J)	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0059	
11/4/2013	0.0027 (J)	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.006 (J)	
11/13/2015	0.0024 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	0.0034 (O)	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0026 (JO)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00017 (J)	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/6/2016	<0.0002	
6/14/2016	<0.0002	
8/10/2016	8.2E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	7E-05 (JB)	
10/3/2018	8.8E-05 (JB)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023	<0.0002	
8/2/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	9.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	<0.0002	
10/3/2018	0.0001425 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	0.00013 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	0.00011 (J)	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	8.8E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/23/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.1E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/11/2016	8.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/22/2018	<0.0002	
10/5/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/20/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/25/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.4E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/17/2016	<0.0002	
8/10/2016	0.00011 (JB)	
10/14/2016	<0.0002	
12/19/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/23/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.5E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.00014 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/30/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/9/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	8.5E-05 (JB)	
10/11/2016	9.2E-05 (JB)	
12/5/2016	0.0001 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (JB)	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	7.9E-05 (JB)	
10/11/2016	0.00011 (JB)	
12/2/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/23/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/10/2016	9E-05 (J)	
10/13/2016	<0.0002	
12/5/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/15/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0002	
2/15/2011	<0.0002	
3/21/2011	<0.0002	
4/28/2011	<0.0002	
10/26/2011	8.2E-05 (J)	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00011 (JB)	
10/13/2016	<0.0002	
12/5/2016	0.00013 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/17/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	9E-05 (J)	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (JB)	
10/13/2016	<0.0002	
12/6/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
10/11/2016	<0.001	
4/10/2017	<0.001	
10/9/2017	0.0024 (JO)	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00037 (J)	
9/10/2020	0.00095 (J)	
4/2/2021	0.00046 (J)	
8/12/2021	0.0011	
2/14/2022	<0.001	
8/26/2022	0.0012 (B)	
2/28/2023	0.0015	
8/2/2023	0.00086 (J)	
2/29/2024	0.00097 (J)	
8/6/2024	0.00096 (J)	
2/25/2025		0.00099 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.003 (JO)	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00049 (J)	
8/12/2021	0.00042 (J)	
2/15/2022	0.0014	
8/26/2022	0.00065 (JB)	
2/28/2023	0.00091 (J)	
8/3/2023	0.00067 (J)	
3/4/2024	0.00055 (J)	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00061 (J)	
3/19/2020	0.00074 (J)	
9/11/2020	0.001	
4/2/2021	0.00077 (J)	
8/12/2021	0.00092 (J)	
2/14/2022	<0.001	
8/31/2022	0.00065 (JB)	
2/28/2023	0.00064 (J)	
8/3/2023	0.00067 (J)	
3/4/2024	0.0011	
8/8/2024	0.00048 (J)	
2/26/2025		0.00053 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	0.0035 (JO)	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.0004 (J)	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	0.00056 (JB)	
2/28/2023	<0.001	
8/3/2023	0.00045 (J)	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		0.00049 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.003 (J)	
2/1/2011	0.0072	
3/23/2011	<0.001	
4/27/2011	0.003 (I)	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0066	
5/7/2013	0.022	
11/5/2013	0.0093	
5/23/2014	0.0045 (J)	
11/7/2014	0.0049 (J)	
5/21/2015	0.012	
11/12/2015	0.019	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0052	
2/14/2011	0.016	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	0.0035 (I)	
11/8/2012	0.0046 (J)	
5/7/2013	0.0087	
11/5/2013	0.0036 (J)	
5/23/2014	<0.001	
11/7/2014	0.0064	
5/21/2015	0.0045 (J)	
11/12/2015	0.0036 (J)	
4/7/2016	<0.001	
10/14/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0004 (J)	
9/11/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00043 (J)	
3/19/2020	<0.001	
9/10/2020	0.00062 (J)	
4/6/2021	<0.001	
8/12/2021	0.0019	
2/14/2022	0.00088 (J)	
8/30/2022	0.00074 (JB)	
3/1/2023	<0.001	
8/3/2023	0.00046 (J)	
3/4/2024	<0.001	
8/9/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0032 (J)	
11/13/2015	<0.005	
4/11/2016	0.00388 (J)	
10/11/2016	0.0047	
4/10/2017	0.0042	
10/10/2017	0.0037	
3/26/2018	0.0037	
10/4/2018	0.0037	
3/28/2019	0.0038	
9/12/2019	0.0035	
3/19/2020	0.0039	
9/10/2020	0.0035	
4/6/2021	0.0042 (B)	
8/13/2021	0.0037	
2/14/2022	0.0034	
8/31/2022	0.0033 (B)	
3/1/2023	0.0038	
8/3/2023	0.0031	
3/4/2024	0.0028	
8/8/2024	0.0025	
2/26/2025		0.0027

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/11/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021	0.0019 (B)	
8/13/2021	0.0036	
2/14/2022	0.0026	
8/31/2022	0.0031 (B)	
3/1/2023	0.0073	
8/3/2023	0.0033	
3/4/2024	0.0029	
8/8/2024	0.003	
2/26/2025		0.0032

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/13/2016	<0.0025	
4/10/2017	<0.0025	
10/11/2017	0.0018 (J)	
3/26/2018	0.0021 (J)	
10/4/2018	0.0024 (J)	
3/27/2019	0.0024 (J)	
9/12/2019	0.0019	
3/19/2020	0.0021	
9/11/2020	0.002	
4/5/2021	0.002	
8/13/2021	0.0034	
2/15/2022	0.0024	
8/31/2022	0.0025 (B)	
2/28/2023	0.0028	
8/3/2023	0.0028	
3/4/2024	0.0024	
8/8/2024	0.0027	
2/26/2025		0.0024

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.006	
2/14/2011	0.0067	
3/21/2011	0.0066	
4/27/2011	0.0077	
10/26/2011	0.0063	
5/1/2012	0.0068	
11/9/2012	0.0067	
5/8/2013	0.0066	
11/4/2013	0.0072	
5/24/2014	0.0053	
11/7/2014	0.0052	
5/20/2015	0.0067	
11/13/2015	0.0063	
4/8/2016	0.0076 (J)	
10/13/2016	0.0073	
4/11/2017	0.0075	
10/11/2017	0.0072	
3/26/2018	0.0075	
10/4/2018	0.0073	
3/28/2019	0.0069	
9/12/2019	0.007	
3/19/2020	0.007	
9/11/2020	0.0074	
4/6/2021	0.0072 (B)	
8/13/2021	0.0073	
2/14/2022	0.0071	
8/31/2022	0.0069 (B)	
2/28/2023	0.0073	
8/3/2023	0.0071	
3/4/2024	0.0077	
8/8/2024	0.0077	
2/25/2025		0.0078

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	0.0048 (JV)	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041 (J)	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	0.0032	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0048 (J)	
11/4/2013	<0.005	
5/24/2014	0.0042 (J)	
11/7/2014	<0.005	
5/20/2015	0.0093 (JO)	
11/13/2015	0.0061 (JO)	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0004 (J)	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	0.00076 (J)	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.0064 (JO)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0021	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0046 (J)	
11/5/2013	0.0047 (JV)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (JO)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.00069 (J)	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	0.004 (J)	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0041 (J)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	0.00092 (J)	
6/22/2017	0.0013	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/9/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	0.0044 (J)	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.00032 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0042 (J)	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.0021	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0049 (JV)	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (JO)	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	0.00036 (J)	
10/13/2016	0.00035 (J)	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.0027	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.0004 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	0.00099 (J)	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	0.00046 (J)	
12/6/2016	<0.005	
2/13/2017	0.0025	
4/11/2017	0.00089 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		0.0011 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	0.00025 (J)	
5/24/2014	<0.001	
11/8/2014	0.00048 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00016 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/2/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.00086 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00036 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.00026 (J)	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	0.00032 (J)	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (JB)	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00018 (JB)	
9/11/2020	<0.001	
4/5/2021	0.00043 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.00028 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00022 (J)	
8/13/2021	<0.001	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0028 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	<0.0025	
5/1/2012	0.004 (I)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	0.00201 (J)	
10/11/2016	0.0067	
4/10/2017	0.002 (J)	
10/9/2017	<0.0025	
3/26/2018	0.0014 (J)	
10/3/2018	0.0023 (J)	
3/27/2019	0.0072	
9/12/2019	0.0031	
3/19/2020	0.003	
9/10/2020	0.0027	
4/2/2021	0.0029	
8/12/2021	0.004	
2/14/2022	0.0033	
8/26/2022	0.0028	
2/28/2023	0.0036	
8/2/2023	0.0035	
2/29/2024	0.0025	
8/6/2024	0.003	
2/25/2025		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0032 (J)	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	0.0037 (I)	
11/8/2012	<0.0025	
5/7/2013	0.0041 (J)	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	0.0052 (J)	
11/13/2015	<0.0025	
4/8/2016	0.00339 (J)	
10/11/2016	0.0037	
4/7/2017	0.0033	
10/9/2017	<0.0025	
3/26/2018	0.0029	
10/3/2018	0.0022 (J)	
3/27/2019	0.0071	
9/12/2019	0.0025	
3/19/2020	0.0052	
9/10/2020	0.0025	
4/2/2021	0.0045	
8/12/2021	0.0028	
2/15/2022	0.0083	
8/26/2022	0.002	
2/28/2023	0.0071	
8/3/2023	0.0037	
3/4/2024	0.0081	
8/8/2024	0.0034	
2/25/2025		0.008

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	0.0022 (I)	
10/26/2011	<0.0025	
5/1/2012	0.0036 (I)	
11/8/2012	0.0062 (J)	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
10/10/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	0.0023 (JB)	
9/12/2019	0.0017	
3/19/2020	0.0031	
9/11/2020	0.0015	
4/2/2021	0.0014	
8/12/2021	0.0017	
2/14/2022	0.0028	
8/31/2022	0.0011	
2/28/2023	0.0018	
8/3/2023	0.0012 (J)	
3/4/2024	0.0024	
8/8/2024	0.00075 (J)	
2/26/2025		0.0082

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0024 (J)	
2/1/2011	0.0021 (J)	
3/21/2011	0.0025 (J)	
4/26/2011	0.0033 (I)	
10/27/2011	0.003 (J)	
5/2/2012	0.0051 (I)	
11/8/2012	0.02 (O)	
5/7/2013	0.0036 (J)	
11/4/2013	0.0043 (J)	
5/24/2014	0.0033 (J)	
11/7/2014	<0.0025	
5/20/2015	0.0062 (J)	
11/13/2015	0.0046 (J)	
4/7/2016	0.00293 (J)	
10/10/2016	0.0031	
4/7/2017	0.0041	
10/10/2017	<0.0025	
3/23/2018	0.0032	
10/4/2018	0.0034	
3/27/2019	0.0072 (B)	
9/12/2019	0.0033	
3/19/2020	0.0033	
9/11/2020	0.0026	
4/5/2021	0.003	
8/12/2021	0.0031	
2/14/2022	0.0032	
8/31/2022	0.0027	
2/28/2023	0.0037	
8/3/2023	0.0026	
3/4/2024	0.0028	
8/8/2024	0.0019 (J)	
2/26/2025		0.0069

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0051 (J)	
2/1/2011	0.012	
3/23/2011	0.015	
4/27/2011	0.022	
10/26/2011	0.0043 (J)	
5/1/2012	0.0069 (I)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041 (O)	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	0.00606 (J)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	0.0092	
3/27/2019	0.012 (B)	
9/12/2019	0.0075	
3/20/2020	0.0086	
9/11/2020	0.007	
4/5/2021	0.0085	
8/13/2021	0.0078	
2/14/2022	0.0076	
8/31/2022	0.0073	
2/28/2023	0.0078	
8/3/2023	0.0072	
3/4/2024	0.0078	
8/8/2024	0.0079	
2/26/2025		0.0097

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0091 (J)	
2/14/2011	0.013	
3/23/2011	0.01	
4/27/2011	0.0078 (I)	
10/25/2011	0.012	
5/1/2012	0.019	
11/8/2012	0.015	
5/7/2013	0.017	
11/5/2013	0.015	
5/23/2014	0.017	
11/7/2014	0.013	
5/21/2015	0.016	
11/12/2015	0.018	
4/7/2016	0.016	
10/14/2016	0.018	
4/7/2017	0.017	
10/10/2017	0.015	
3/23/2018	0.016	
10/3/2018	0.017	
3/27/2019	0.022 (B)	
9/12/2019	0.019	
3/19/2020	0.019	
9/11/2020	0.017	
4/5/2021	0.019	
8/12/2021	0.019	
2/14/2022	0.019	
8/31/2022	0.018	
2/28/2023	0.02	
8/3/2023	0.017	
3/4/2024	0.018	
8/8/2024	0.018	
2/26/2025		0.021

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.016	
2/14/2011	0.016	
3/21/2011	0.018	
4/26/2011	0.018	
10/26/2011	0.018	
5/2/2012	0.021	
11/8/2012	0.019	
5/8/2013	0.02	
11/5/2013	0.018	
5/23/2014	0.018	
11/7/2014	0.018	
5/21/2015	0.02	
11/12/2015	0.016	
4/7/2016	0.0182	
10/11/2016	0.023	
4/7/2017	0.02	
10/10/2017	0.016	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.021 (B)	
9/12/2019	0.02	
3/19/2020	0.02	
9/10/2020	0.018	
4/6/2021	0.021	
8/12/2021	0.02	
2/14/2022	0.02	
8/30/2022	0.019	
3/1/2023	0.019	
8/3/2023	0.019	
3/4/2024	0.018	
8/9/2024	0.019	
2/26/2025		0.026

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0037 (J)	
2/15/2011	0.0043 (J)	
3/22/2011	0.0039 (J)	
4/27/2011	0.0035 (I)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (I)	
11/8/2012	0.0051 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0039 (J)	
5/24/2014	0.0053 (J)	
11/7/2014	0.0034 (J)	
5/22/2015	0.0068 (J)	
11/13/2015	0.0044 (J)	
4/11/2016	0.00381 (J)	
10/11/2016	0.0082	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	0.0053	
3/28/2019	0.0079	
9/12/2019	0.0054	
3/19/2020	0.0044	
9/10/2020	0.0049	
4/6/2021	0.0045	
8/13/2021	0.0061	
2/14/2022	0.0047	
8/31/2022	0.0055	
3/1/2023	0.0051	
8/3/2023	0.005	
3/4/2024	0.0045	
8/8/2024	0.0047	
2/26/2025		0.0056

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (I)	
10/26/2011	<0.001	
5/2/2012	0.0039 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.001	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.001	
5/22/2015	0.0044 (J)	
11/13/2015	<0.001	
4/11/2016	0.00254 (J)	
10/11/2016	0.0056	
4/7/2017	0.0024 (J)	
10/10/2017	<0.001	
3/23/2018	0.0023 (J)	
10/4/2018	0.0037	
3/28/2019	0.0053	
9/12/2019	0.0028	
3/19/2020	0.0027	
9/10/2020	0.0026	
4/6/2021	0.0026	
8/13/2021	0.0093	
2/14/2022	0.0042	
8/31/2022	0.0031	
3/1/2023	<0.001	
8/3/2023	0.0029	
3/4/2024	0.0025	
8/8/2024	0.0021	
2/26/2025		0.009

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	0.004 (J)	
4/27/2011	0.0046 (I)	
10/26/2011	<0.01	
5/2/2012	0.0055 (I)	
11/8/2012	0.0042 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0042 (J)	
5/24/2014	0.0061 (J)	
11/7/2014	0.0032 (J)	
5/22/2015	0.0056 (J)	
11/13/2015	<0.01	
4/11/2016	0.00415 (J)	
10/13/2016	0.0047	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	0.0066	
3/27/2019	0.0087 (B)	
9/12/2019	0.0047	
3/19/2020	0.0046	
9/11/2020	0.0042	
4/5/2021	0.0059	
8/13/2021	0.0072	
2/15/2022	0.0049	
8/31/2022	0.0038	
2/28/2023	0.0052	
8/3/2023	0.0041	
3/4/2024	0.0041	
8/8/2024	0.0039	
2/26/2025		0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0098 (J)	
3/21/2011	0.012	
4/28/2011	0.011	
10/26/2011	0.012	
5/1/2012	0.011	
11/9/2012	0.011	
5/8/2013	0.01	
11/4/2013	0.011	
5/24/2014	0.012	
11/7/2014	0.01	
5/22/2015	0.013	
11/13/2015	0.014	
4/11/2016	0.0107	
10/13/2016	0.011	
4/11/2017	0.011	
10/11/2017	0.012	
3/26/2018	0.0096	
10/4/2018	0.013	
3/28/2019	0.01	
9/12/2019	0.011	
3/19/2020	0.01	
9/11/2020	0.0099	
4/5/2021	0.011	
8/17/2021	0.011	
2/14/2022	0.011	
8/31/2022	0.01	
3/1/2023	0.011	
8/3/2023	0.0088	
3/4/2024	0.0098	
8/8/2024	0.009	
2/26/2025		0.014

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	0.0032	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0065 (J)	
11/13/2015	<0.002	
4/8/2016	<0.002	
10/13/2016	<0.002	
4/11/2017	<0.002	
10/11/2017	0.0019 (J)	
3/26/2018	<0.002	
10/4/2018	0.0037	
3/28/2019	0.0041	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0016	
2/14/2022	0.0014	
8/31/2022	0.00095 (J)	
2/28/2023	0.0023	
8/3/2023	<0.002	
3/4/2024	0.00066 (J)	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0046 (JB)	
3/19/2020	<0.005	
9/10/2020	0.0048 (J)	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/2/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		0.0028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	0.039 (O)	
4/8/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0085 (B)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.003 (J)	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	0.0059	
8/8/2024	<0.005	
2/25/2025		0.0076

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00345 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0095 (B)	
3/19/2020	0.0037 (J)	
9/11/2020	0.0098	
4/2/2021	0.0058	
8/12/2021	0.006	
2/14/2022	0.003 (J)	
8/31/2022	0.0051	
2/28/2023	0.0062 (JB)	
8/3/2023	0.0051	
3/4/2024	0.0035 (J)	
8/8/2024	0.0046 (J)	
2/26/2025		0.0055

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	0.013 (JO)	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00265 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	0.0096 (J)	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0091 (B)	
3/19/2020	0.0035 (J)	
9/11/2020	0.0038 (J)	
4/5/2021	0.0049 (J)	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0032 (J)	
2/28/2023	<0.005	
8/3/2023	0.0037 (J)	
3/4/2024	<0.005	
8/8/2024	0.003 (J)	
2/26/2025		0.0035 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0087 (J)	
11/5/2013	<0.005	
5/23/2014	0.014 (JO)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	0.00228 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0049 (JB)	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.008 (J)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00287 (J)	
10/14/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0048 (JB)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0039 (J)	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		0.0044 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00208 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0041 (JB)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/9/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0058 (B)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	0.0076 (J)	
3/28/2019	<0.005	
9/12/2019	0.0057 (B)	
3/19/2020	0.0037 (J)	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	0.0053	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	0.016 (o)	
5/2/2023	<0.005	
8/3/2023	0.0033 (J)	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	0.00333 (J)	
10/13/2016	<0.005	
4/10/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0042 (JB)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/15/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	0.0035 (J)	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		0.004 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/13/2016	<0.005	
4/11/2017	0.0065 (J)	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0073 (B)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0095 (J)	
2/14/2011	0.0092 (J)	
3/21/2011	0.011 (J)	
4/27/2011	0.0096 (I)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (I)	
11/9/2012	0.014 (J)	
5/8/2013	0.016 (J)	
11/4/2013	0.014 (J)	
5/24/2014	0.013 (J)	
11/7/2014	0.014 (J)	
5/20/2015	0.015 (J)	
11/13/2015	0.015 (J)	
4/8/2016	0.0136	
10/13/2016	0.015 (J)	
4/11/2017	0.015 (J)	
10/11/2017	0.019 (J)	
3/26/2018	0.016 (J)	
10/4/2018	0.017 (J)	
3/28/2019	0.013 (J)	
9/12/2019	0.02 (B)	
3/19/2020	0.014	
9/11/2020	0.014	
4/6/2021	0.014	
8/13/2021	0.017	
2/14/2022	0.014	
8/31/2022	0.015	
2/28/2023	0.014 (JB)	
8/3/2023	0.015	
3/4/2024	0.013	
8/8/2024	0.015	
2/25/2025		0.018

FIGURE F.

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:41 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-52	0.091	n/a	2/26/2025	0.033	No	250	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-51	0.045	n/a	2/26/2025	0.0078	No	259	n/a	n/a	13.9	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-52	0.045	n/a	2/26/2025	0.026	No	259	n/a	n/a	13.9	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-50	0.026	n/a	2/26/2025	0.009	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-51	0.026	n/a	2/26/2025	0.01	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-52	0.026	n/a	2/26/2025	0.014	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

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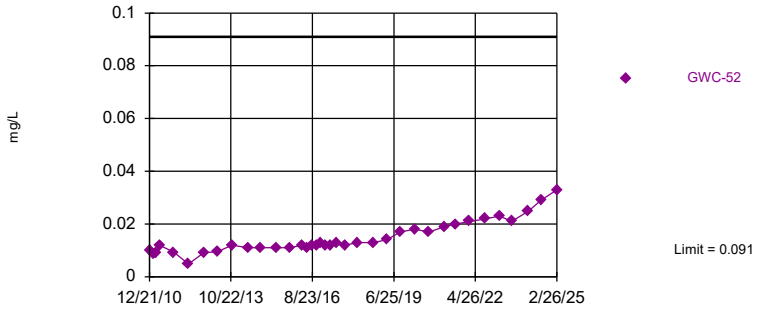
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 250 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Assumes 4 future values.

Constituent: Barium Analysis Run 4/24/2025 10:40 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

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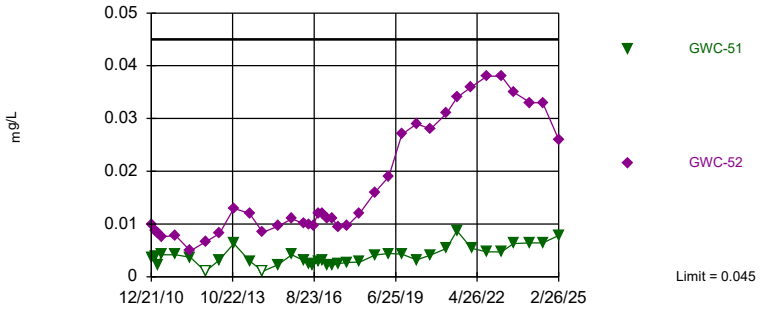
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 259 background values. 13.9% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Chromium Analysis Run 4/24/2025 10:40 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

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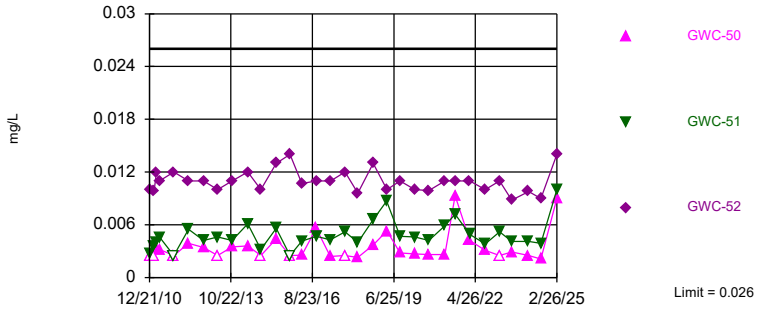
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 222 background values. 17.12% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Vanadium Analysis Run 4/24/2025 10:40 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
12/20/2010	0.029 (J)	0.019 (J)	0.024 (J)					
12/21/2010				0.01 (J)	0.021 (J)			0.055 (JO)
12/22/2010						0.026 (J)	0.028 (J)	
2/1/2011	0.038 (J)	0.017 (J)						
2/14/2011			0.023 (J)		0.021 (J)	0.022 (J)	0.025 (J)	0.05 (JO)
2/15/2011				0.0086 (J)				
3/21/2011		0.019 (J)	0.021 (J)	0.009 (J)	0.021 (J)			
3/22/2011						0.02 (J)	0.029 (J)	
3/23/2011	0.045 (J)							0.031 (J)
4/26/2011		0.02 (I)	0.019 (I)		0.021 (I)	0.019 (I)	0.031 (I)	
4/27/2011	0.043 (I)							0.015 (I)
4/28/2011				0.012 (I)				
10/25/2011								0.02
10/26/2011	0.023		0.023	0.0093 (J)	0.019			
10/27/2011		0.018				0.021	0.027	
5/1/2012	0.021		0.014	0.0048 (I)		0.017	0.022	0.017
5/2/2012		0.017			0.018			
11/8/2012	0.038	0.048 (O)	0.034		0.018	0.023	0.024	0.012
11/9/2012				0.0091 (J)				
5/7/2013	0.042	0.02				0.021	0.027	0.022
5/8/2013			0.016	0.0096 (J)	0.017			
11/4/2013		0.019	0.014	0.012		0.018	0.024	
11/5/2013	0.039				0.019			0.012
5/23/2014	0.088 (O)				0.021			0.02
5/24/2014		0.019	0.027	0.011		0.022	0.025	
11/7/2014	0.027	0.019	0.03	0.011	0.019			0.012
11/8/2014						0.02	0.023	
5/20/2015		0.018	0.029					
5/21/2015	0.036				0.02	0.022	0.023	0.011
5/22/2015				0.011				
11/12/2015	0.038				0.019			0.012
11/13/2015		0.02	0.041	0.011		0.025	0.023	
4/6/2016						0.0239		
4/7/2016		0.0207	0.0381		0.0201			0.0116
4/8/2016	0.0261						0.0244	
4/11/2016				0.012				
6/14/2016	0.023	0.019	0.034		0.017	0.021	0.023	
6/16/2016				0.011				
6/17/2016								0.012
8/9/2016	0.026	0.017	0.032		0.017		0.026	
8/10/2016						0.019		0.012
8/11/2016				0.012 (B)				
10/10/2016		0.02	0.037					
10/11/2016	0.03				0.02	0.02	0.022	
10/13/2016				0.012				
10/14/2016								0.016
12/2/2016		0.02 (B)	0.038 (B)		0.02 (B)	0.022 (B)		
12/5/2016	0.026			0.013			0.025	
12/19/2016								0.012
2/9/2017			0.048		0.018			
2/10/2017	0.023	0.018				0.03	0.026	
2/13/2017				0.012				0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
4/7/2017	0.024	0.02	0.045		0.018		0.021	0.011
4/10/2017						0.025		
4/11/2017				0.012				
6/22/2017	0.025		0.049		0.02			0.014
6/23/2017		0.021				0.026		
6/24/2017				0.013				
6/26/2017							0.028	
10/9/2017						0.025	0.021	
10/10/2017	0.022	0.018	0.044		0.02			0.012
10/11/2017				0.012				
3/22/2018	0.024		0.05		0.018			
3/23/2018		0.02						0.012
3/26/2018				0.013		0.026	0.022	
10/3/2018			0.042		0.018	0.022 (O)	0.022	0.012
10/4/2018		0.019		0.013				
10/5/2018	0.026							
3/27/2019	0.026	0.021	0.057		0.019	0.024	0.022	0.013
3/28/2019				0.014				
9/12/2019	0.028	0.022	0.1 (O)	0.017	0.022	0.025	0.023	0.016
12/2/2019			0.11 (O)					
3/19/2020		0.023	0.11 (O)	0.018	0.02	0.027	0.024	0.02
3/20/2020	0.029							
9/10/2020					0.02	0.023	0.022	
9/11/2020	0.026	0.022	0.15 (O)	0.017				0.013
4/2/2021			0.11 (O)			0.02	0.023	
4/5/2021	0.028	0.022		0.019				0.015
4/6/2021					0.02			
8/12/2021		0.023	0.091		0.024	0.023	0.024	0.013
8/13/2021	0.026							
8/17/2021				0.02				
2/14/2022	0.029	0.024	0.077	0.021	0.022	0.024		0.014
2/15/2022							0.032	
8/26/2022						0.026	0.021	
8/30/2022					0.021			
8/31/2022	0.031	0.022	0.065	0.022				0.016
2/28/2023	0.027	0.022	0.056			0.022	0.02	0.014
3/1/2023				0.023	0.019			
8/2/2023						0.018		
8/3/2023	0.027 (B)	0.021	0.055	0.021	0.02		0.018	0.013 (B)
2/29/2024						0.021		
3/4/2024	0.032	0.022	0.057	0.025	0.019		0.022	0.015
8/6/2024						0.019		
8/8/2024	0.038	0.024	0.048	0.029			0.023	0.015
8/9/2024					0.021			
2/25/2025						0.019	0.024	
2/26/2025	0.031	0.023	0.052	0.033	0.019			0.014

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46 (bg)	GWA-47 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWC-51	GWA-22 (bg)	GWA-21 (bg)
12/20/2010	0.0036 (J)	0.0064	<0.002						
12/21/2010				0.01	0.0073	0.0094			
12/22/2010							0.0036 (J)	0.0029 (J)	0.0052
2/1/2011	0.0037 (J)	0.015							
2/14/2011			<0.002		0.0051	0.028		0.0027 (J)	0.0057
2/15/2011				0.0087			0.0038 (J)		
3/21/2011	0.004 (J)		<0.002	0.0083	0.0067				
3/22/2011							0.0022 (J)	0.0049 (J)	0.0055
3/23/2011		0.0084				0.0042 (J)			
4/26/2011	0.0037 (I)		<0.002		0.0065			0.0048 (I)	0.0069
4/27/2011		0.011				<0.002	0.0042 (I)		
4/28/2011				0.0076					
10/25/2011						0.0062			
10/26/2011		0.0061	<0.002	0.0078	0.0068		0.0042 (J)		
10/27/2011	0.0047 (J)							0.0023 (J)	0.011
5/1/2012		0.0072	<0.002	0.0049 (I)		0.011		0.0051	0.0056
5/2/2012	0.005				0.011		0.0037 (I)		
11/8/2012	0.0081	0.015	<0.002		0.0052	0.0089	<0.002	0.0034 (J)	<0.002
11/9/2012				0.0066					
5/7/2013	0.0035 (J)	0.044				0.019		0.0078	0.0036 (J)
5/8/2013			<0.002	0.0082	0.0059		0.0032 (J)		
11/4/2013	0.0056 (JV)		<0.002	0.013 (V)			0.0063 (JV)	0.0055 (JV)	0.0032 (JV)
11/5/2013		0.023			0.0044 (JV)	0.0057 (JV)			
5/23/2014		0.022			0.0087 (J)	0.0084 (J)			
5/24/2014	0.005 (J)		<0.002	0.012			0.003 (J)	0.0075 (J)	0.0043 (J)
11/7/2014	0.004 (J)	0.013	<0.002	0.0084 (J)	0.0048 (J)	0.011	<0.002		
11/8/2014								0.0048 (J)	<0.002
5/20/2015	0.0062 (J)		0.0025 (J)						
5/21/2015		0.029			0.006 (J)	0.013		0.0082 (J)	0.002 (J)
5/22/2015				0.0096 (J)			0.0023 (J)		
11/12/2015		0.045			0.007 (J)	0.015			
11/13/2015	0.0067 (J)		0.0042 (J)	0.011			0.0042 (J)	0.0079 (J)	<0.002
4/6/2016									0.00278 (J)
4/7/2016	0.00467 (J)		<0.002		0.0056 (J)	0.00498 (J)			
4/8/2016		0.00752 (J)						0.00878 (J)	
4/11/2016				0.0101			0.00309 (J)		
6/14/2016	0.0041 (J)	0.007 (J)	0.00055 (J)		0.0048 (J)			0.0071 (J)	0.0014 (J)
6/16/2016				0.01			0.0025 (J)		
6/17/2016						0.004 (J)			
8/9/2016	0.0041	0.008	<0.002		0.0053			0.0079	
8/10/2016						0.0047	0.0023 (J)		0.0019 (J)
8/11/2016				0.0097					
10/10/2016	0.0041		<0.002						
10/11/2016		0.0079			0.0058			0.0069	0.0024 (J)
10/13/2016				0.012			0.0028		
10/14/2016						0.0056			
12/2/2016	0.0039		<0.002		0.0071				0.0023 (J)
12/5/2016		0.0057		0.012			0.0032	0.0077	
12/19/2016						0.0039			
2/9/2017			<0.002		0.0051				
2/10/2017	0.0044	0.0062						0.0098	0.0021 (J)
2/13/2017				0.011		0.0059	0.0021 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46 (bg)	GWA-47 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWC-51	GWA-22 (bg)	GWA-21 (bg)
4/7/2017	0.0046	0.0072	<0.002		0.006	0.0051		0.0081	
4/10/2017							0.0022 (J)		0.002 (J)
4/11/2017				0.011					
6/22/2017		0.0074	<0.002		0.0056	0.005			
6/23/2017	0.005						0.0025		0.0018 (J)
6/24/2017				0.0095					
6/26/2017								0.0084	
10/9/2017								0.0082	0.0016 (J)
10/10/2017	0.0088	0.0072	<0.002		0.0073	0.005			
10/11/2017				0.0096			0.0027		
3/22/2018		0.0074	<0.002		0.0051				
3/23/2018	0.0045					0.005			
3/26/2018				0.012			0.0028	0.0088	0.0011 (J)
10/3/2018			<0.002		0.0052	0.0051		0.0086	0.0014 (J)
10/4/2018	0.0047			0.016			0.0041		
10/5/2018		0.0083							
3/27/2019	0.0048	0.0081	<0.002		0.0056	0.0051	0.0044	0.0078	0.003
3/28/2019				0.019					
9/12/2019	0.0051 (B)	0.0088 (B)	<0.002	0.027 (B)	0.0075 (B)	0.0085 (B)	0.0043 (B)	0.0092 (B)	0.0047 (B)
3/19/2020	0.0043		<0.002	0.029	0.0055	0.0063	0.0032	0.011	0.0026
3/20/2020		0.0085							
9/10/2020					0.0063			0.0077	0.0019 (J)
9/11/2020	0.0042	0.0081	<0.002	0.028		0.0053	0.0041		
4/2/2021			<0.002					0.01	0.0029
4/5/2021	0.0041	0.0084		0.031		0.0061	0.0054		
4/6/2021					0.0055				
8/12/2021	0.0045		<0.002		0.0096	0.0058		0.008	0.0016 (J)
8/13/2021		0.0082					0.0087		
8/17/2021				0.034					
2/14/2022	0.0047	0.0086	<0.002	0.036	0.0076	0.0058			0.0026
2/15/2022							0.0054	0.013	
8/26/2022								0.0078	0.0016 (J)
8/30/2022					0.0064				
8/31/2022	0.0048	0.0084	<0.002	0.038		0.0059	0.0047		
2/28/2023	0.0047	0.0084	<0.002			0.0058	0.0047	0.01	0.0024
3/1/2023				0.038	0.0057				
8/2/2023									0.0028
8/3/2023	0.0053	0.0092	0.0012 (J)	0.035	0.0065	0.0056	0.0063	0.0089	
2/29/2024									0.0021
3/4/2024	0.0048	0.01	0.0016 (J)	0.033	0.006	0.0063	0.0064	0.011	
8/6/2024									0.0021
8/8/2024	0.006	0.012	<0.002	0.033		0.0061	0.0064	0.013	
8/9/2024					0.0059				
2/25/2025								0.01	<0.002
2/26/2025	0.0048	0.01	0.0012 (J)	0.026	0.0057	0.0061	0.0078		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWC-52	GWA-49 (bg)	GWC-51	GWC-50	GWA-22 (bg)
12/20/2010	0.0051 (J)	0.0024 (J)	<0.0025						
12/21/2010				0.0091 (J)	0.01	0.016			
12/22/2010							0.0027 (J)	<0.0025	<0.0025
2/1/2011	0.012	0.0021 (J)							
2/14/2011			<0.0025	0.013		0.016			<0.0025
2/15/2011					0.0098 (J)		0.0036 (J)	<0.0025	
3/21/2011		0.0025 (J)	<0.0025		0.012	0.018			
3/22/2011							0.004 (J)	0.0034 (J)	0.0032 (J)
3/23/2011	0.015			0.01					
4/26/2011		0.0033 (I)	0.0022 (I)			0.018			<0.0025
4/27/2011	0.022			0.0078 (I)			0.0046 (I)	0.0032 (I)	
4/28/2011					0.011				
10/25/2011				0.012					
10/26/2011	0.0043 (J)		<0.0025		0.012	0.018	<0.0025	<0.0025	
10/27/2011		0.003 (J)							<0.0025
5/1/2012	0.0069 (I)		0.0036 (I)	0.019	0.011				0.0037 (I)
5/2/2012		0.0051 (I)				0.021	0.0055 (I)	0.0039 (I)	
11/8/2012	0.013	0.02 (O)	0.0062 (J)	0.015		0.019	0.0042 (J)	0.0034 (J)	<0.0025
11/9/2012					0.011				
5/7/2013	0.017	0.0036 (J)		0.017					0.0041 (J)
5/8/2013			<0.0025		0.01	0.02	0.0046 (J)	<0.0025	
11/4/2013		0.0043 (J)	<0.0025		0.011		0.0042 (J)	0.0035 (J)	<0.0025
11/5/2013	0.013			0.015		0.018			
5/23/2014	0.041 (O)			0.017		0.018			
5/24/2014		0.0033 (J)	<0.0025		0.012		0.0061 (J)	0.0036 (J)	<0.0025
11/7/2014	0.0069 (J)	<0.0025	<0.0025	0.013	0.01	0.018	0.0032 (J)		
11/8/2014								<0.0025	<0.0025
5/20/2015		0.0062 (J)	<0.0025						
5/21/2015	0.016			0.016		0.02			0.0052 (J)
5/22/2015					0.013		0.0056 (J)	0.0044 (J)	
11/12/2015	0.013			0.018		0.016			
11/13/2015		0.0046 (J)	<0.0025		0.014		<0.0025	<0.0025	<0.0025
4/6/2016									
4/7/2016		0.00293 (J)	<0.0025	0.016		0.0182			
4/8/2016	0.00606 (J)								0.00339 (J)
4/11/2016					0.0107		0.00415 (J)	0.00254 (J)	
10/10/2016		0.0031	<0.0025						
10/11/2016	0.011					0.023		0.0056	0.0037
10/13/2016					0.011		0.0047		
10/14/2016				0.018					
4/7/2017	0.0073	0.0041	<0.0025	0.017		0.02		0.0024 (J)	0.0033
4/10/2017							0.0043		
4/11/2017					0.011				
10/9/2017									<0.0025
10/10/2017	0.0032	<0.0025	0.0014 (J)	0.015		0.016		<0.0025	
10/11/2017					0.012		0.0052		
3/22/2018	0.0068		<0.0025			0.018			
3/23/2018		0.0032		0.016				0.0023 (J)	
3/26/2018					0.0096		0.004		0.0029
10/3/2018			<0.0025	0.017		0.018			0.0022 (J)
10/4/2018		0.0034			0.013		0.0066	0.0037	
10/5/2018	0.0092								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWC-52	GWA-49 (bg)	GWC-51	GWC-50	GWA-22 (bg)
3/27/2019	0.012 (B)	0.0072 (B)	0.0023 (JB)	0.022 (B)		0.021 (B)	0.0087 (B)		0.0071
3/28/2019					0.01			0.0053	
9/12/2019	0.0075	0.0033	0.0017	0.019	0.011	0.02	0.0047	0.0028	0.0025
3/19/2020		0.0033	0.0031	0.019	0.01	0.02	0.0046	0.0027	0.0052
3/20/2020	0.0086								
9/10/2020						0.018		0.0026	0.0025
9/11/2020	0.007	0.0026	0.0015	0.017	0.0099		0.0042		
4/2/2021			0.0014						0.0045
4/5/2021	0.0085	0.003		0.019	0.011		0.0059		
4/6/2021						0.021		0.0026	
8/12/2021		0.0031	0.0017	0.019		0.02			0.0028
8/13/2021	0.0078						0.0072	0.0093	
8/17/2021					0.011				
2/14/2022	0.0076	0.0032	0.0028	0.019	0.011	0.02		0.0042	
2/15/2022							0.0049		0.0083
8/26/2022									0.002
8/30/2022						0.019			
8/31/2022	0.0073	0.0027	0.0011	0.018	0.01		0.0038	0.0031	
2/28/2023	0.0078	0.0037	0.0018	0.02			0.0052		0.0071
3/1/2023					0.011	0.019		<0.0025	
8/2/2023									
8/3/2023	0.0072	0.0026	0.0012 (J)	0.017	0.0088	0.019	0.0041	0.0029	0.0037
2/29/2024									
3/4/2024	0.0078	0.0028	0.0024	0.018	0.0098	0.018	0.0041	0.0025	0.0081
8/6/2024									
8/8/2024	0.0079	0.0019 (J)	0.00075 (J)	0.018	0.009		0.0039	0.0021	0.0034
8/9/2024						0.019			
2/25/2025									0.008
2/26/2025	0.0097	0.0069	0.0082	0.021	0.014	0.026	0.01	0.009	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)
12/20/2010	
12/21/2010	
12/22/2010	<0.0025
2/1/2011	
2/14/2011	<0.0025
2/15/2011	
3/21/2011	
3/22/2011	0.0028 (J)
3/23/2011	
4/26/2011	0.0025 (I)
4/27/2011	
4/28/2011	
10/25/2011	
10/26/2011	
10/27/2011	<0.0025
5/1/2012	0.004 (I)
5/2/2012	
11/8/2012	<0.0025
11/9/2012	
5/7/2013	<0.0025
5/8/2013	
11/4/2013	<0.0025
11/5/2013	
5/23/2014	
5/24/2014	<0.0025
11/7/2014	
11/8/2014	<0.0025
5/20/2015	
5/21/2015	<0.0025
5/22/2015	
11/12/2015	
11/13/2015	<0.0025
4/6/2016	0.00201 (J)
4/7/2016	
4/8/2016	
4/11/2016	
10/10/2016	
10/11/2016	0.0067
10/13/2016	
10/14/2016	
4/7/2017	
4/10/2017	0.002 (J)
4/11/2017	
10/9/2017	<0.0025
10/10/2017	
10/11/2017	
3/22/2018	
3/23/2018	
3/26/2018	0.0014 (J)
10/3/2018	0.0023 (J)
10/4/2018	
10/5/2018	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)
3/27/2019	0.0072
3/28/2019	
9/12/2019	0.0031
3/19/2020	0.003
3/20/2020	
9/10/2020	0.0027
9/11/2020	
4/2/2021	0.0029
4/5/2021	
4/6/2021	
8/12/2021	0.004
8/13/2021	
8/17/2021	
2/14/2022	0.0033
2/15/2022	
8/26/2022	0.0028
8/30/2022	
8/31/2022	
2/28/2023	0.0036
3/1/2023	
8/2/2023	0.0035
8/3/2023	
2/29/2024	0.0025
3/4/2024	
8/6/2024	0.003
8/8/2024	
8/9/2024	
2/25/2025	0.0014 (J)
2/26/2025	

FIGURE G.

Appendix I Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003365**	**-231**	**-199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.003319**	**363**	**167**	**Yes**	**33**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003667**	**361**	**191**	**Yes**	**36**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-52**	**0.001198**	**556**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-22 (bg)**	**0.0005054**	**428**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-51**	**0.0001885**	**216**	**199**	**Yes**	**37**	**5.405**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.002039**	**445**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	**GWA-48 (bg)**	**0.000485**	**267**	**161**	**Yes**	**32**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-21 (bg)	0.00008267	51	191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003365**	**-231**	**-199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.003319**	**363**	**167**	**Yes**	**33**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003667**	**361**	**191**	**Yes**	**36**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWA-47 (bg)	0	-31	-191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-48 (bg)	0	16	184	No	35	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-49 (bg)	0	46	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-52**	**0.001198**	**556**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-21 (bg)	-0.0001899	-183	-199	No	37	10.81	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWA-22 (bg)**	**0.0005054**	**428**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-45 (bg)	0	-104	-199	No	37	83.78	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-46 (bg)	0.00005921	164	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-47 (bg)	0.00008538	63	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-48 (bg)	-0.00002111	-28	-199	No	37	2.703	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-49 (bg)	0.00001305	24	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWC-51**	**0.0001885**	**216**	**199**	**Yes**	**37**	**5.405**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.002039**	**445**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-21 (bg)	6.2e-12	72	161	No	32	34.38	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-22 (bg)	0.00009366	143	161	No	32	31.25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-45 (bg)	-0.00003386	-147	-161	No	32	46.88	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-46 (bg)	0	-6	-152	No	31	6.452	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-47 (bg)	-0.0002681	-52	-152	No	31	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	**GWA-48 (bg)**	**0.000485**	**267**	**161**	**Yes**	**32**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-49 (bg)	0.0001069	129	161	No	32	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-50	0.00007466	68	161	No	32	25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-51	0.00005868	73	161	No	32	6.25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-52	0	-71	-161	No	32	0	n/a	n/a	0.01	NP

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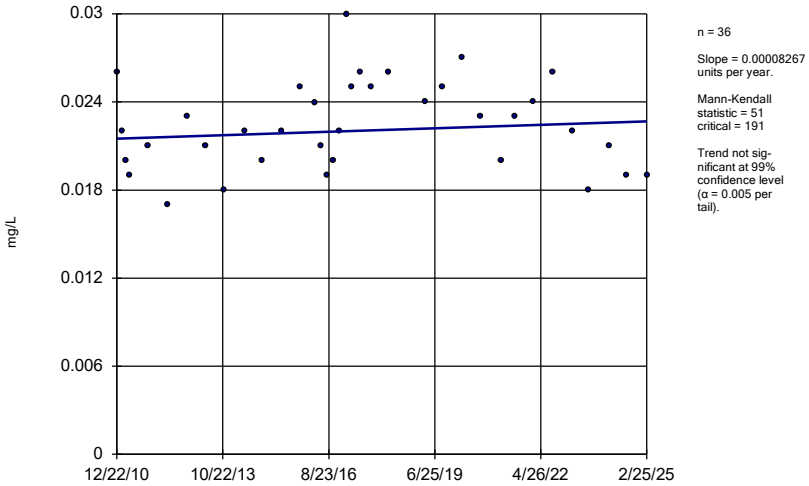
Sen's Slope Estimator

GWA-21 (bg)



n = 36

Slope = 0.00008267 units per year.

Mann-Kendall statistic = 51
critical = 191

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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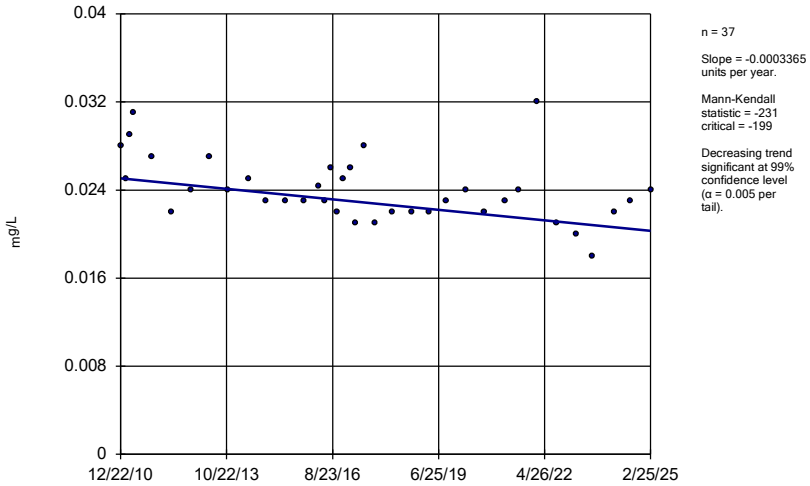
Sen's Slope Estimator

GWA-22 (bg)



n = 37

Slope = -0.0003365 units per year.

Mann-Kendall statistic = -231
critical = -199

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
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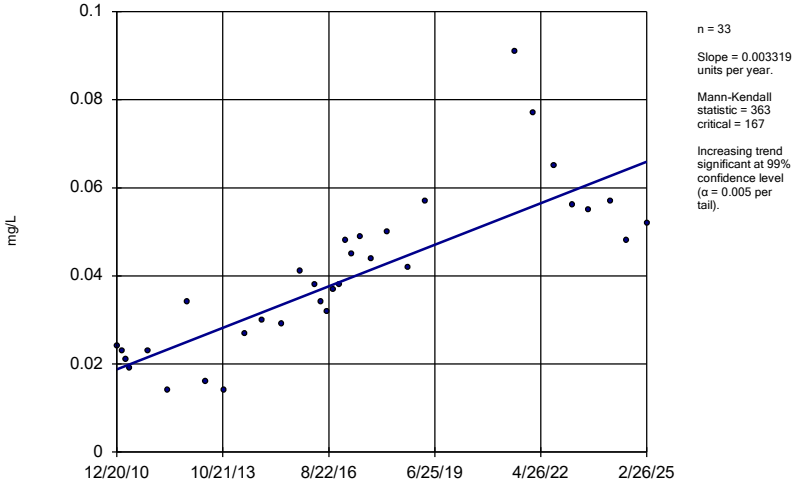
Sen's Slope Estimator

GWA-45 (bg)



n = 33

Slope = 0.003319 units per year.

Mann-Kendall statistic = 363
critical = 167

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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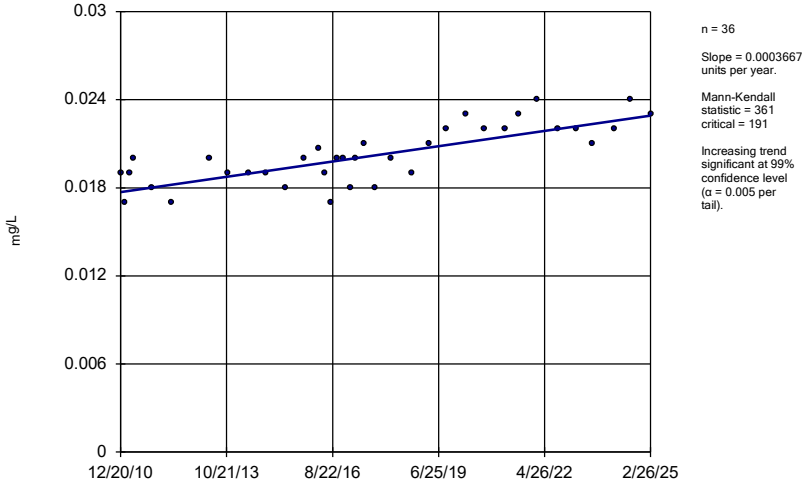
Sen's Slope Estimator

GWA-46 (bg)



n = 36

Slope = 0.0003667 units per year.

Mann-Kendall statistic = 361
critical = 191

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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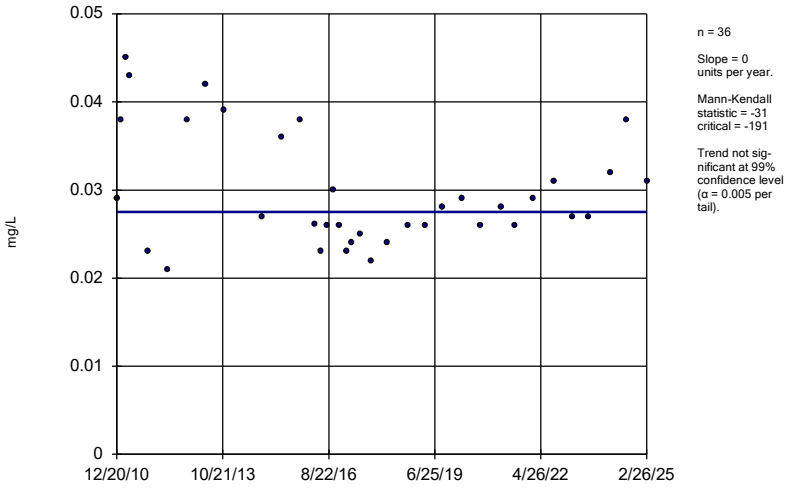
Sen's Slope Estimator

GWA-47 (bg)



n = 36

Slope = 0 units per year.

Mann-Kendall statistic = -31 critical = -191

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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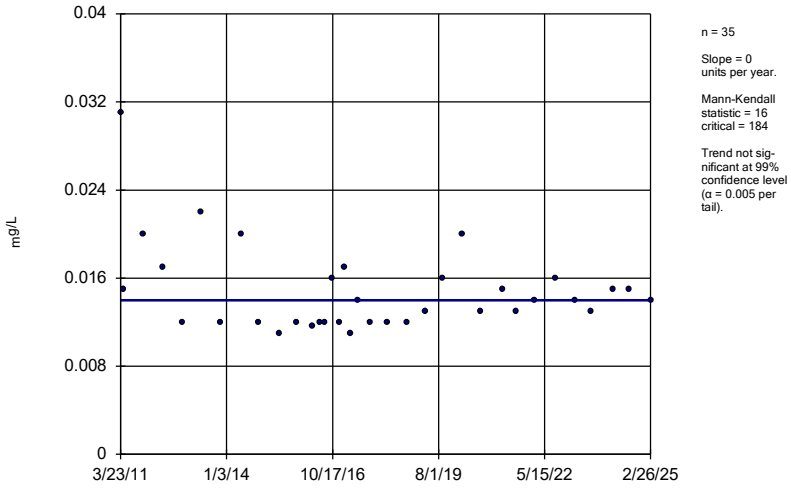
Sen's Slope Estimator

GWA-48 (bg)



n = 35

Slope = 0 units per year.

Mann-Kendall statistic = 16 critical = 184

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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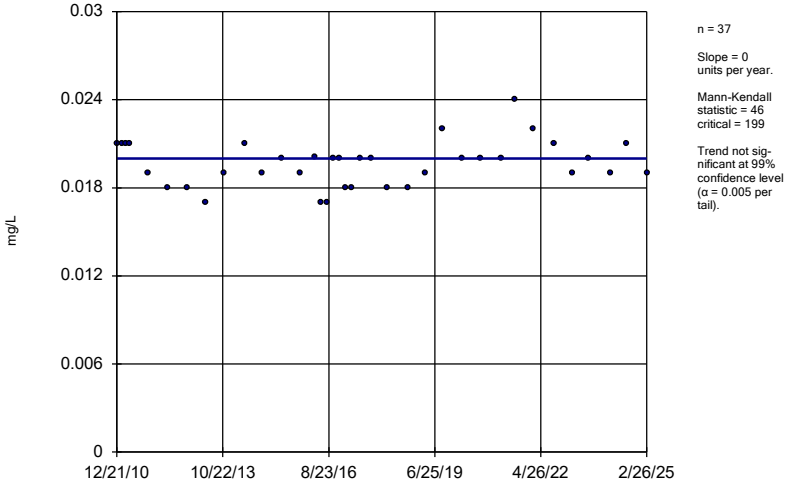
Sen's Slope Estimator

GWA-49 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = 46 critical = 199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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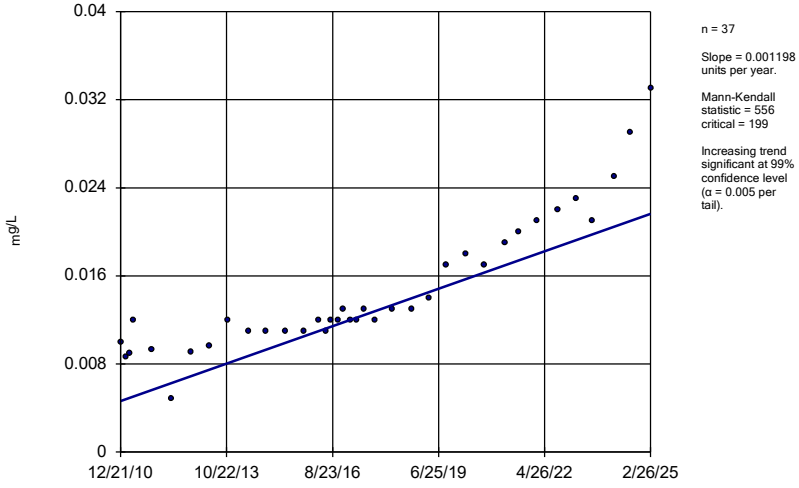
Sen's Slope Estimator

GWC-52



n = 37

Slope = 0.001198 units per year.

Mann-Kendall statistic = 556 critical = 199

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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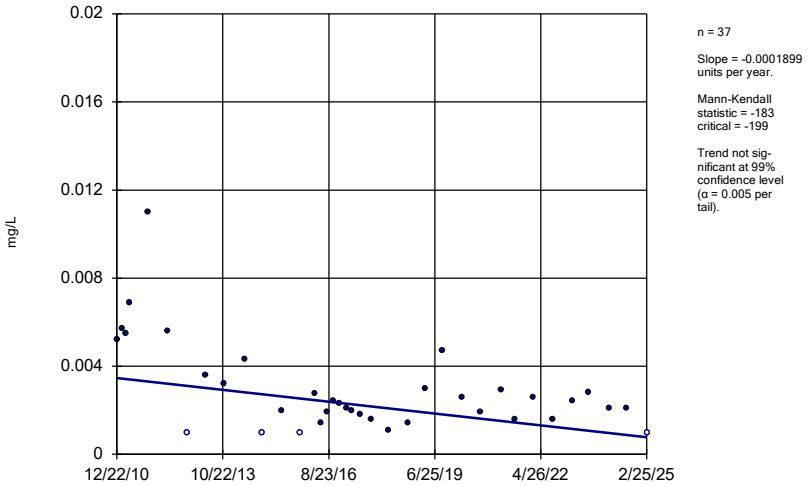
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-21 (bg)



n = 37

Slope = -0.0001899 units per year.

Mann-Kendall statistic = -183
critical = -199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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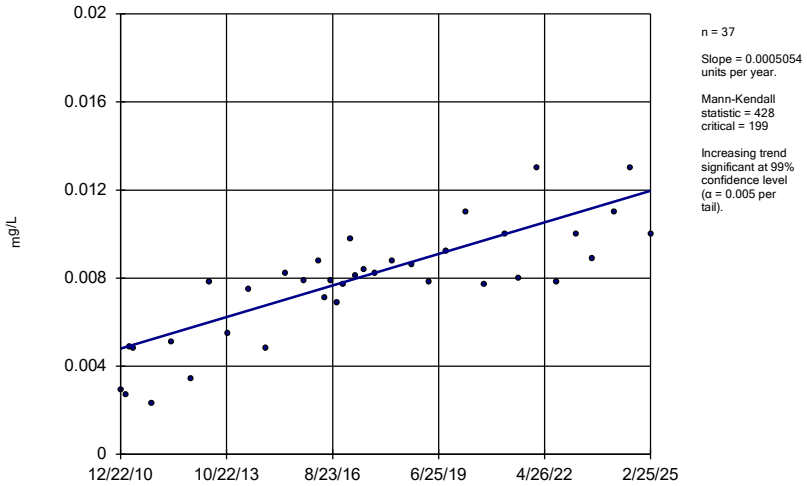
Sen's Slope Estimator

GWA-22 (bg)



n = 37

Slope = 0.0005054 units per year.

Mann-Kendall statistic = 428
critical = 199

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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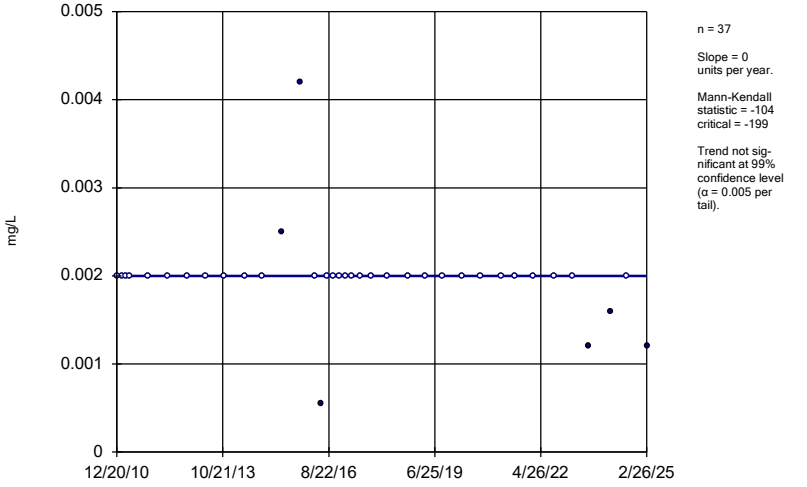
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-45 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = -104
critical = -199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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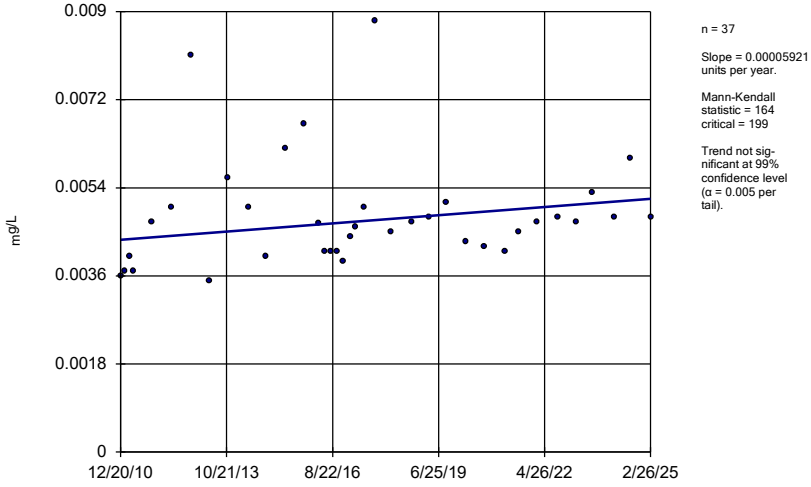
Sen's Slope Estimator

GWA-46 (bg)



n = 37

Slope = 0.00005921 units per year.

Mann-Kendall statistic = 164
critical = 199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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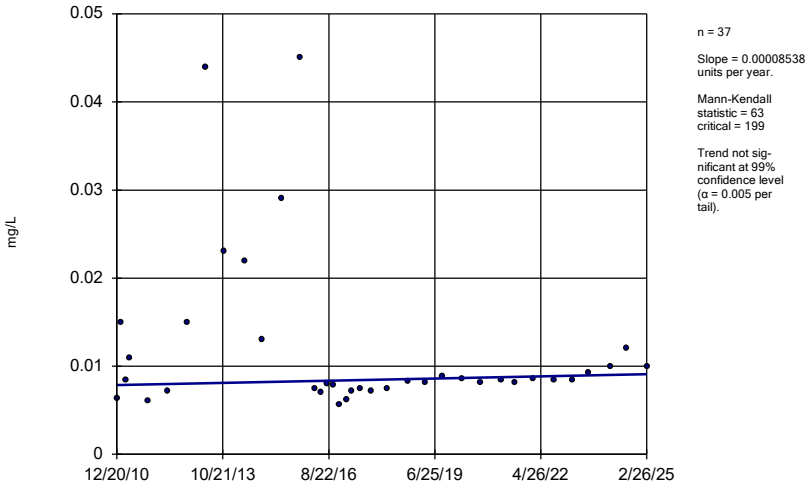
Sen's Slope Estimator

GWA-47 (bg)



n = 37

Slope = 0.00008538 units per year.

Mann-Kendall statistic = 63 critical = 199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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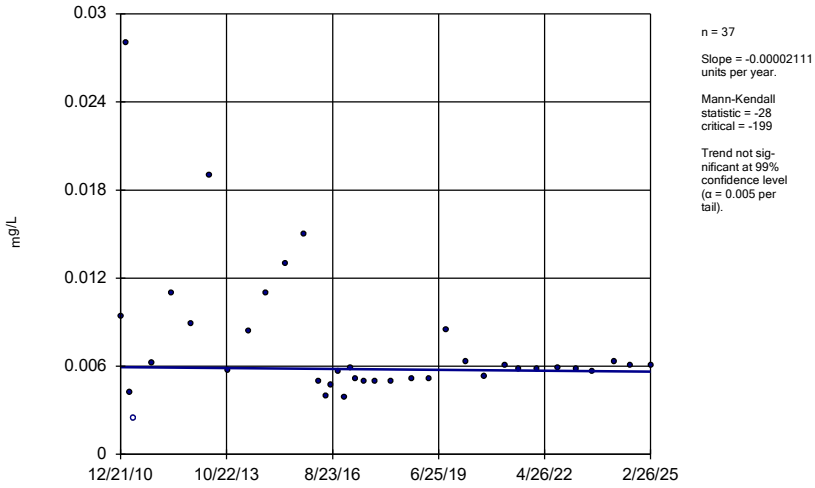
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-48 (bg)



n = 37

Slope = -0.00002111 units per year.

Mann-Kendall statistic = -28 critical = -199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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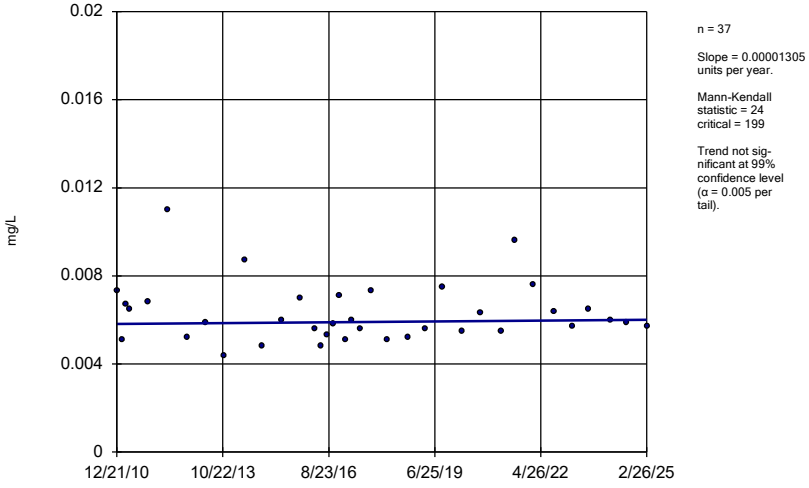
Sen's Slope Estimator

GWA-49 (bg)



n = 37

Slope = 0.00001305 units per year.

Mann-Kendall statistic = 24 critical = 199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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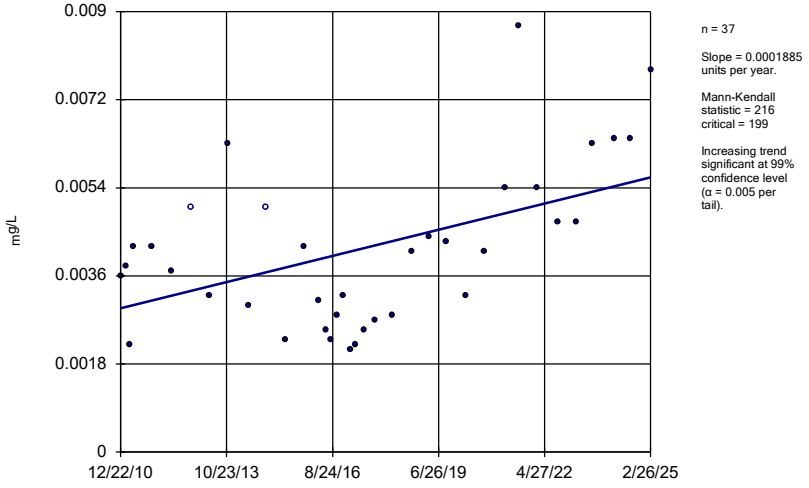
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-51



n = 37

Slope = 0.0001885 units per year.

Mann-Kendall statistic = 216 critical = 199

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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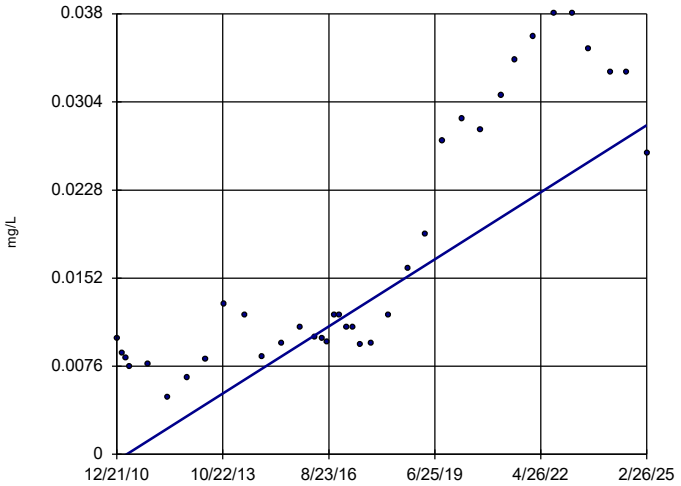
Sen's Slope Estimator

GWC-52



n = 37

Slope = 0.002039 units per year.

Mann-Kendall statistic = 445
critical = 199

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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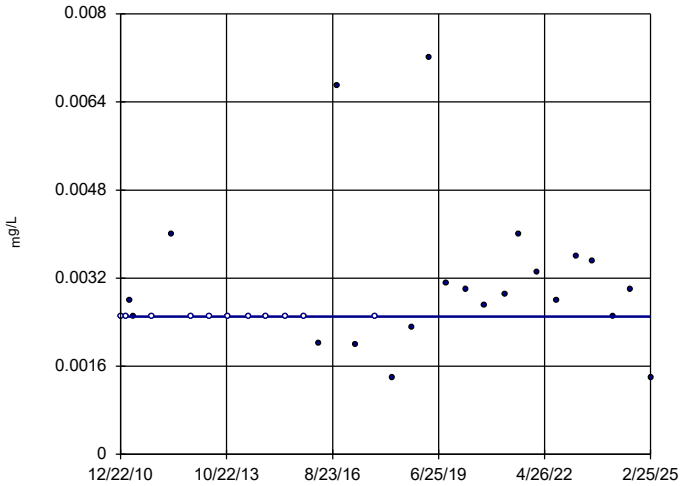
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-21 (bg)



n = 32

Slope = 6.2e-12 units per year.

Mann-Kendall statistic = 72
critical = 161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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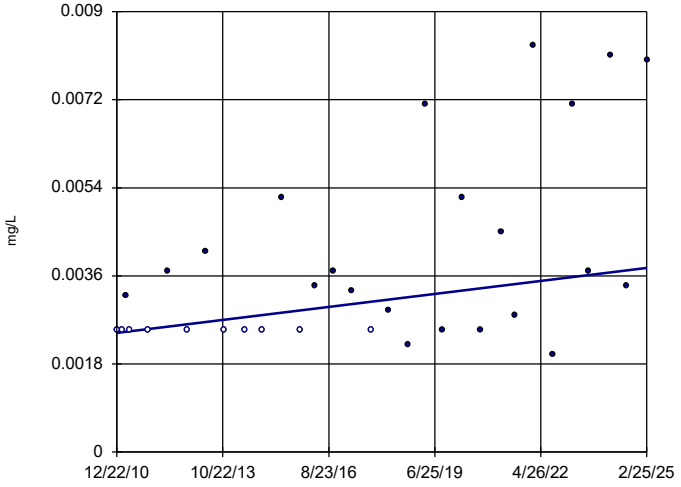
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-22 (bg)



n = 32

Slope = 0.00009366 units per year.

Mann-Kendall statistic = 143
critical = 161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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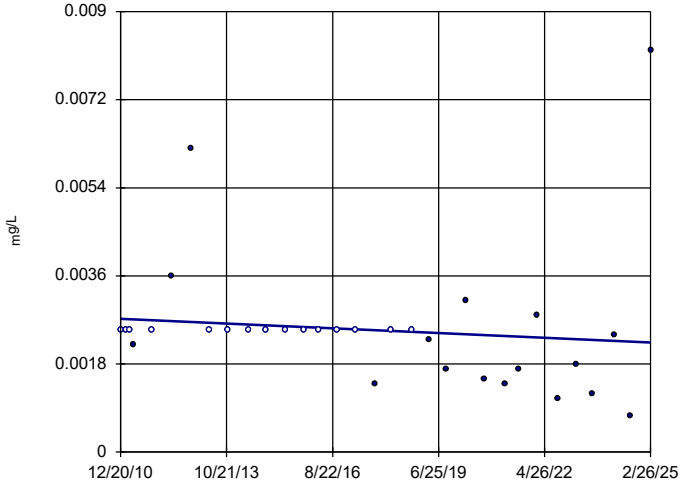
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-45 (bg)



n = 32

Slope = -0.00003386 units per year.

Mann-Kendall statistic = -147
critical = -161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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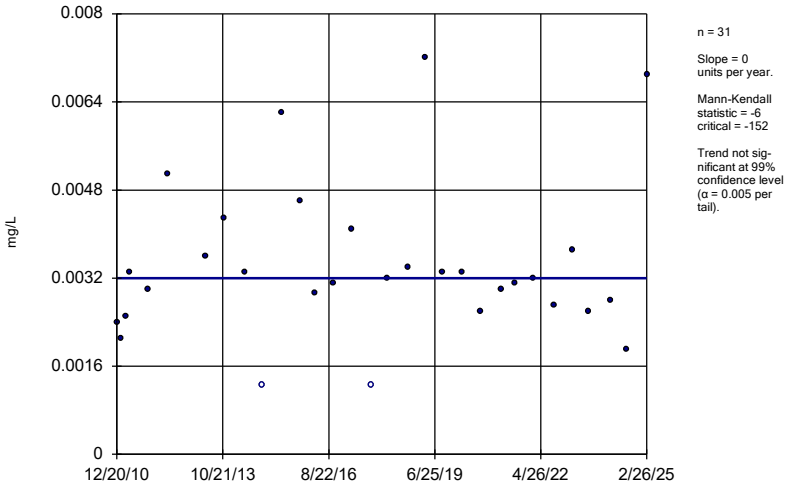
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-46 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = -6
critical = -152

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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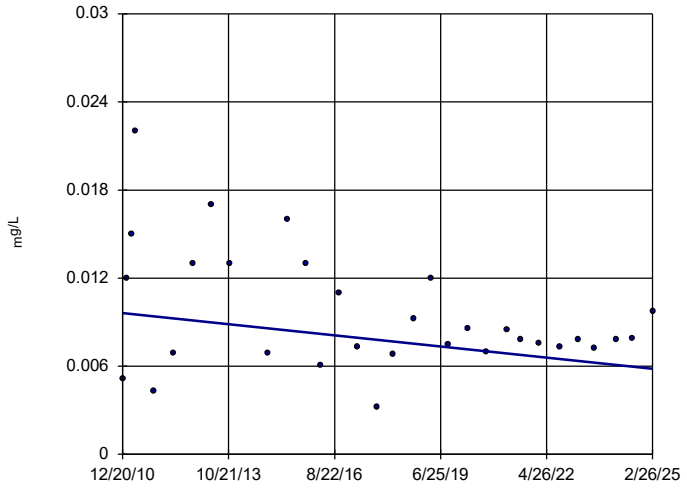
Sen's Slope Estimator

GWA-47 (bg)



n = 31

Slope = -0.0002681 units per year.

Mann-Kendall statistic = -52
critical = -152

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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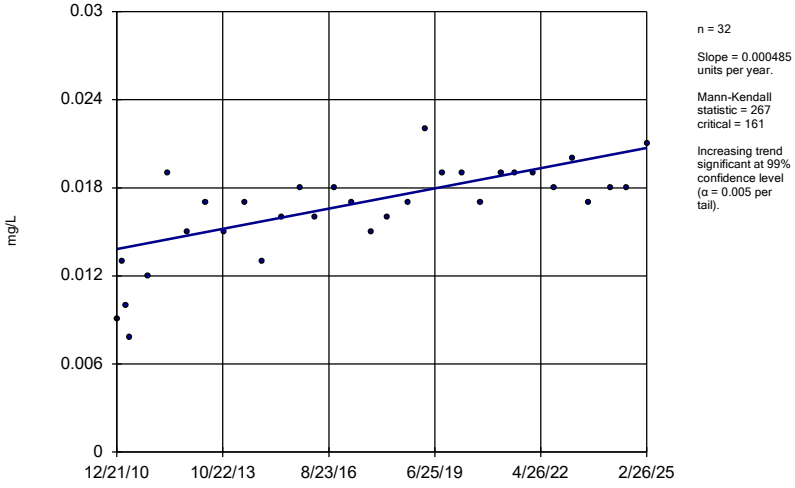
Sen's Slope Estimator

GWA-48 (bg)



n = 32

Slope = 0.000485 units per year.

Mann-Kendall statistic = 267
critical = 161

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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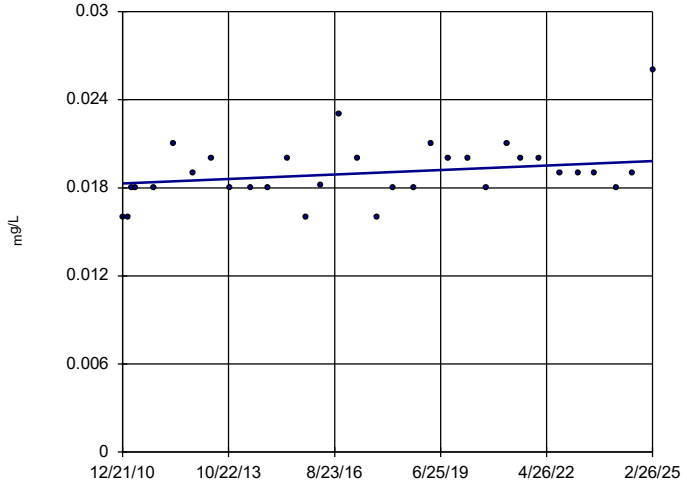
Sen's Slope Estimator

GWA-49 (bg)



n = 32

Slope = 0.0001069 units per year.

Mann-Kendall statistic = 129
critical = 161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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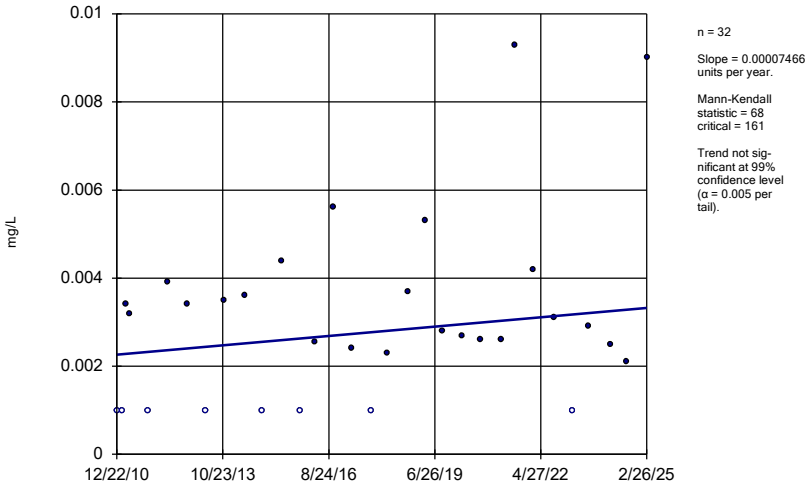
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-50



n = 32

Slope = 0.00007466 units per year.

Mann-Kendall statistic = 68
critical = 161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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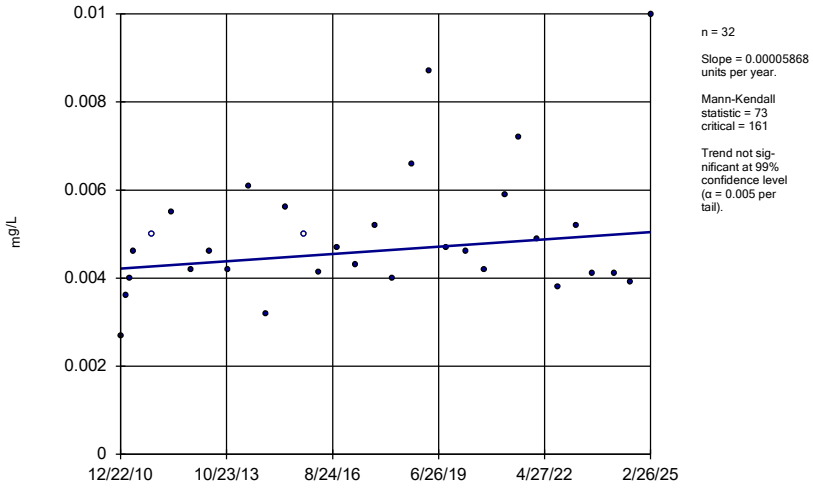
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-51



n = 32

Slope = 0.00005868 units per year.

Mann-Kendall statistic = 73
critical = 161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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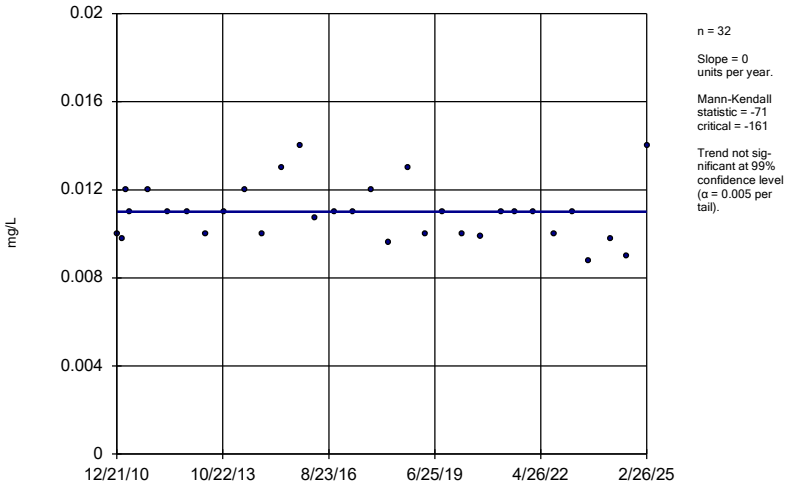
Sen's Slope Estimator

GWC-52



n = 32

Slope = 0 units per year.

Mann-Kendall statistic = -71
critical = -161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

FIGURE H.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**2/26/2025**	**27**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-48**	**1.99**	**n/a**	**2/26/2025**	**2**	**Yes**	**22**	**1.747**	**0.1197**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**2/26/2025**	**8.7**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-52**	**8.531**	**n/a**	**2/26/2025**	**8.6**	**Yes**	**22**	**237487**	**72936**	**0**	**None**	**x^6**	**0.001504**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-21**	**6.053**	**5.549**	**2/25/2025**	**6.07**	**Yes**	**37**	**5.801**	**0.1319**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-22**	**6.345**	**5.588**	**2/25/2025**	**6.66**	**Yes**	**36**	**5.966**	**0.198**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-45**	**6.54**	**5.88**	**2/26/2025**	**6.85**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWC-29**	**6.353**	**5.494**	**2/26/2025**	**6.54**	**Yes**	**37**	**5.924**	**0.2253**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-51**	**6.04**	**5.68**	**2/26/2025**	**6.23**	**Yes**	**39**	**5.86**	**0.0948**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-52**	**6.882**	**6.416**	**2/26/2025**	**7.03**	**Yes**	**39**	**6.649**	**0.1228**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**2/26/2025**	**4.1**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**2/26/2025**	**94**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**2/25/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.19	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.349	n/a	2/26/2025	1	No	14	0.9786	0.1656	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.11	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.12	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	2/26/2025	0.08ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	2/26/2025	0.022J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	2/26/2025	0.028J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.124	n/a	2/25/2025	1.1	No	23	0.9576	0.08273	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.11	n/a	2/25/2025	5.8	No	23	8.333	1.374	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	11.08	n/a	2/25/2025	11	No	23	7.67	1.69	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.98	n/a	2/26/2025	26	No	23	32.45	7.205	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.262	n/a	2/26/2025	6.1	No	23	5.955	0.648	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	17	n/a	2/26/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-48	14	n/a	2/26/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-49	16	n/a	2/26/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	22.36	n/a	2/26/2025	18	No	13	15.62	2.959	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.239	n/a	2/26/2025	7.5	No	22	7.243	0.4906	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.588	n/a	2/26/2025	8.1	No	23	7.057	0.7591	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**2/26/2025**	**27**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-53	21.26	n/a	2/25/2025	20	No	23	17.56	1.834	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.32	n/a	2/25/2025	3	No	23	3.423	0.4447	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	5	n/a	2/25/2025	1.8	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-45	14	n/a	2/26/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	6.141	n/a	2/26/2025	5.8	No	23	4.109	1.007	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.878	n/a	2/26/2025	1.8	No	23	1.547	0.1645	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWA-48**	**1.99**	**n/a**	**2/26/2025**	**2**	**Yes**	**22**	**1.747**	**0.1197**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-49	2.328	n/a	2/26/2025	2.1	No	23	2.069	0.1283	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.065	n/a	2/26/2025	3.3	No	22	3.436	0.3094	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.197	n/a	2/26/2025	1.9	No	23	1.904	0.1455	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**2/26/2025**	**8.7**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-52**	**8.531**	**n/a**	**2/26/2025**	**8.6**	**Yes**	**22**	**237487**	**72936**	**0**	**None**	**x^6**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-53	15.26	n/a	2/25/2025	14	No	25	11.81	1.733	0	None	No	0.001504	Param Intra 1 of 2
Fluoride (mg/L)	GWA-21	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.11	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-49	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	**GWA-21**	**6.053**	**5.549**	**2/25/2025**	**6.07**	**Yes**	**37**	**5.801**	**0.1319**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-22**	**6.345**	**5.588**	**2/25/2025**	**6.66**	**Yes**	**36**	**5.966**	**0.198**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-45**	**6.54**	**5.88**	**2/26/2025**	**6.85**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWA-46	6.83	5.45	2/26/2025	5.92	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-47	6.632	6.24	2/26/2025	6.5	No	41	6.436	0.1034	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-48	6.987	6.595	2/26/2025	6.85	No	40	6.791	0.1033	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-49	7.112	6.548	2/26/2025	6.96	No	38	15119	1618	0	None	x^5	0.000752	Param Intra 1 of 2
pH, Field (SU)	**GWC-29**	**6.353**	**5.494**	**2/26/2025**	**6.54**	**Yes**	**37**	**5.924**	**0.2253**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-50	6.032	5.568	2/26/2025	5.83	No	39	5.8	0.1222	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	**GWC-51**	**6.04**	**5.68**	**2/26/2025**	**6.23**	**Yes**	**39**	**5.86**	**0.0948**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-52**	**6.882**	**6.416**	**2/26/2025**	**7.03**	**Yes**	**39**	**6.649**	**0.1228**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-53	6.14	5.37	2/25/2025	5.68	No	41	n/a	n/a	0	n/a	n/a	0.002236	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-21	2.876	n/a	2/25/2025	2	No	23	1.553	0.6561	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1.7	n/a	2/25/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	189.8	n/a	2/26/2025	150	No	23	153.8	17.85	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1.7	n/a	2/26/2025	1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1.6	n/a	2/26/2025	1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	2.011	n/a	2/26/2025	0.5ND	No	23	1.116	0.1499	0	None	sqrt(x)	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1.2	n/a	2/26/2025	0.47J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.35	n/a	2/26/2025	2	No	23	2.541	0.4008	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-50	1	n/a	2/26/2025	1ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**2/26/2025**	**4.1**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**2/26/2025**	**94**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**2/25/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-21	125.4	n/a	2/25/2025	90	No	23	89.74	17.65	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-22	106.3	n/a	2/25/2025	98	No	23	71.39	17.32	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-45	371.6	n/a	2/26/2025	280	No	23	286.4	42.22	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-46	88.63	n/a	2/26/2025	68	No	23	54.8	16.77	4.348	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-47	122.3	n/a	2/26/2025	100	No	23	90.04	15.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-48	121.8	n/a	2/26/2025	100	No	23	95.26	13.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-49	130.8	n/a	2/26/2025	110	No	22	110.2	10.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-29	144.1	n/a	2/26/2025	110	No	23	99.57	22.1	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-50	109.1	n/a	2/26/2025	77	No	22	70.68	18.93	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-51	104.2	n/a	2/26/2025	88	No	22	78.59	12.6	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-52	224.7	n/a	2/26/2025	220	No	13	176.9	20.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-53	330.7	n/a	2/25/2025	310	No	23	264.3	32.93	0	None	No	0.001504	Param Intra 1 of 2

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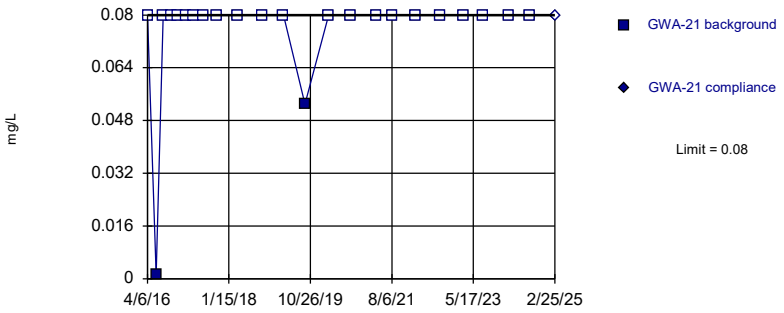
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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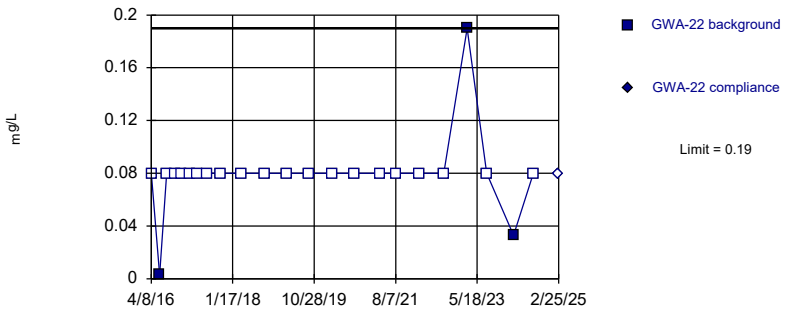
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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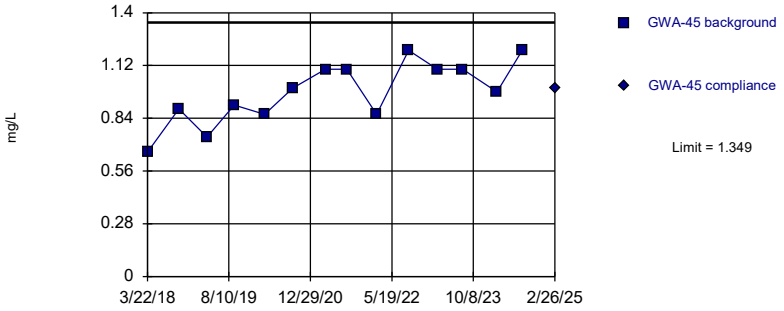
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9786, Std. Dev.=0.1656, n=14. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9395, critical = 0.874. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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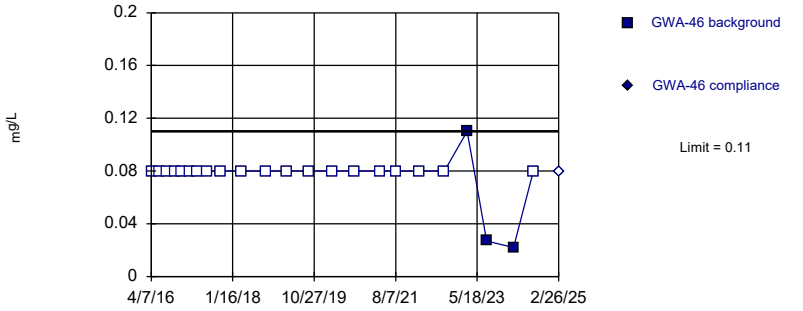
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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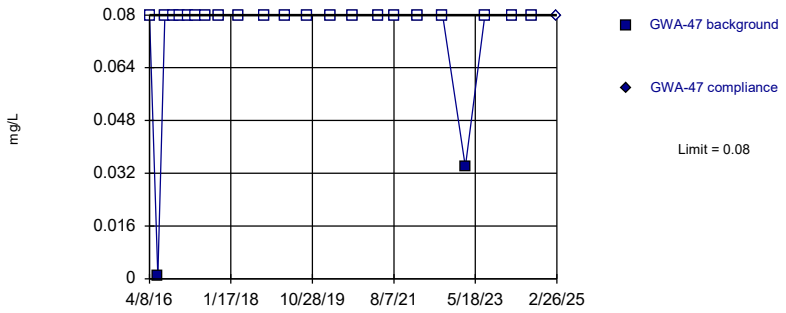
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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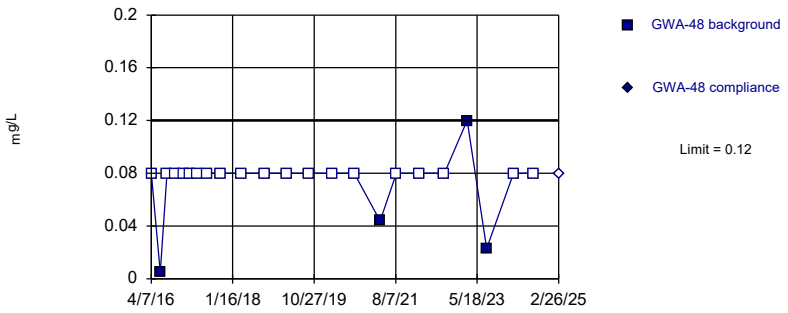
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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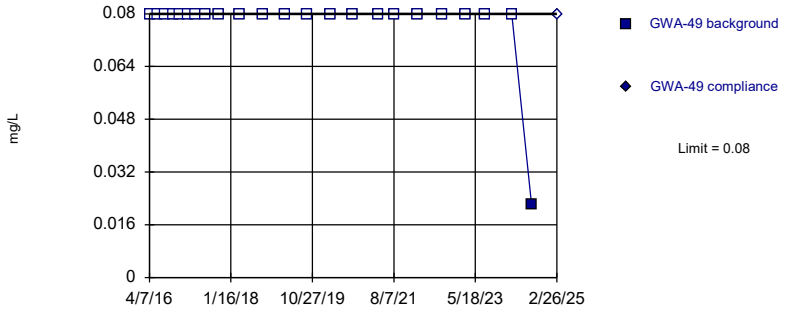
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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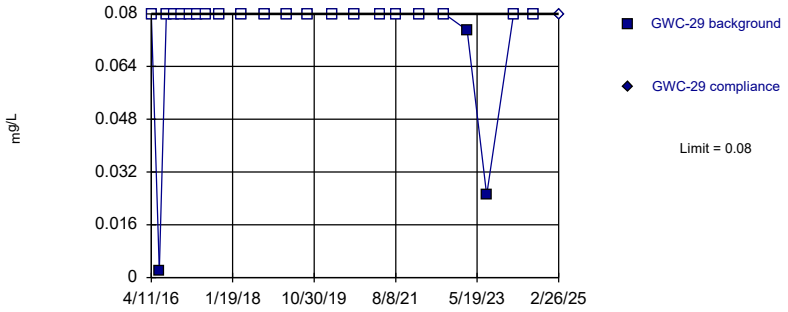
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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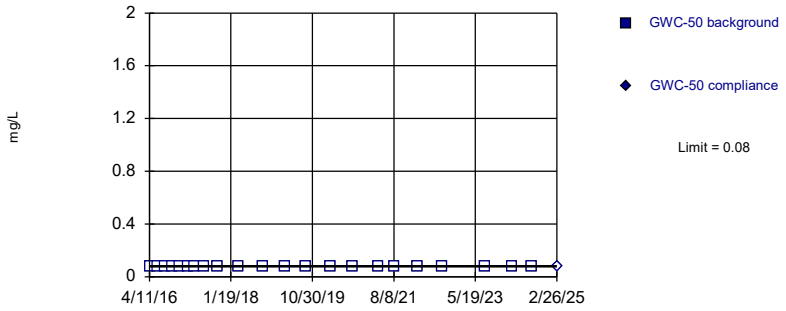
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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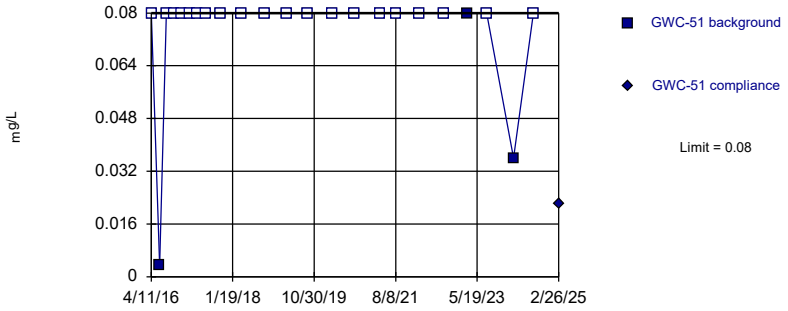
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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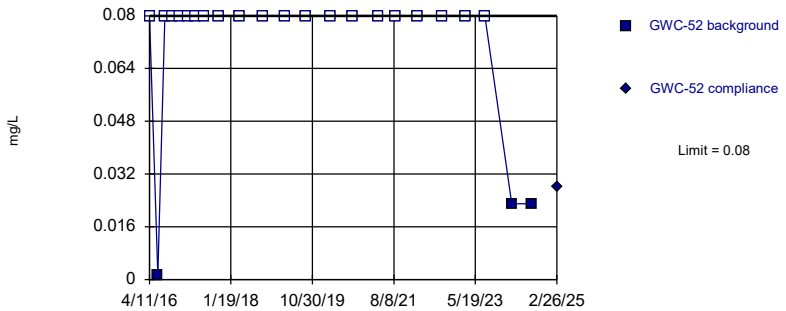
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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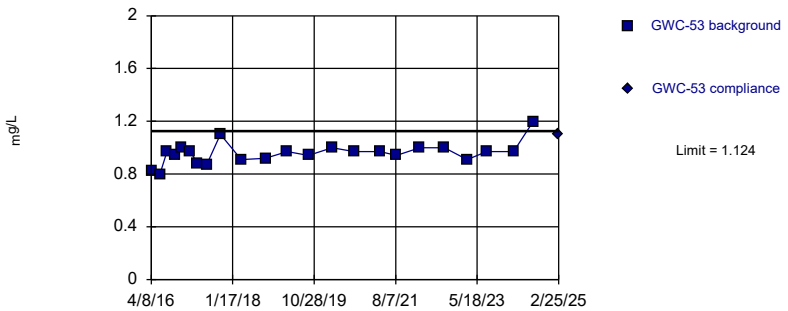
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9576, Std. Dev.=0.08273, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9026, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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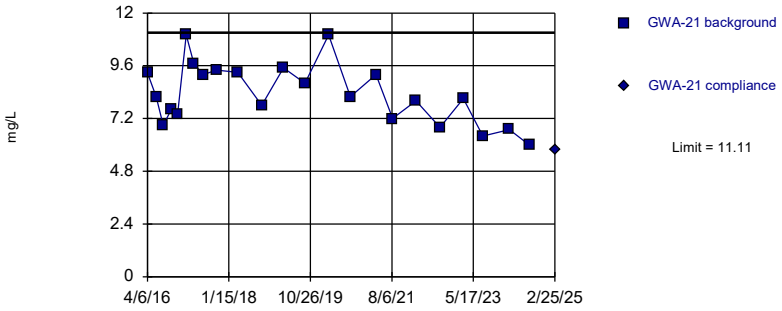
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.333, Std. Dev.=1.374, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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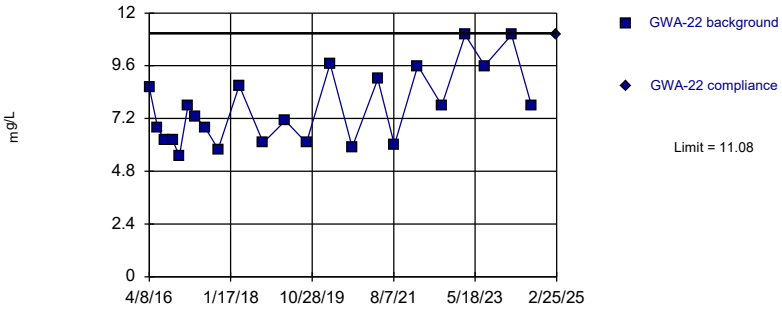
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.67, Std. Dev.=1.69, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9142, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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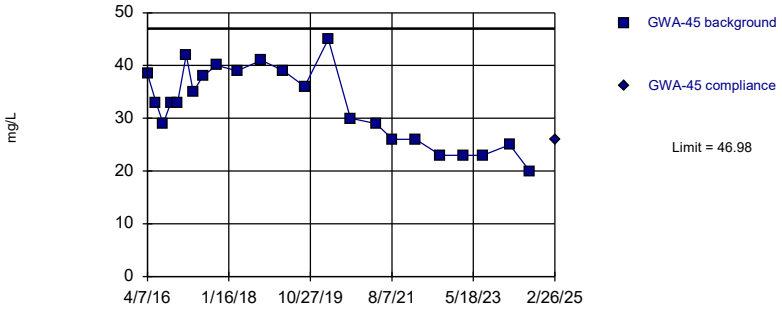
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=32.45, Std. Dev.=7.205, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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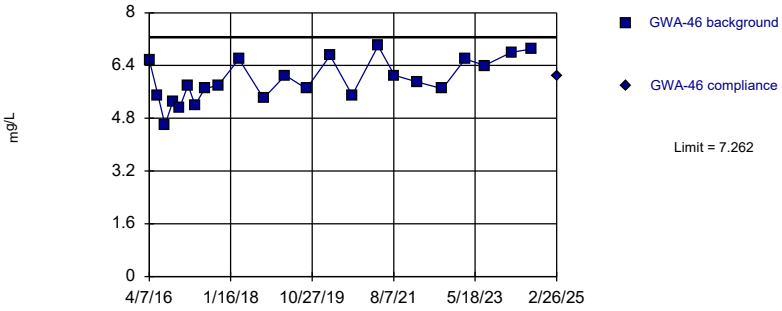
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.955, Std. Dev.=0.648, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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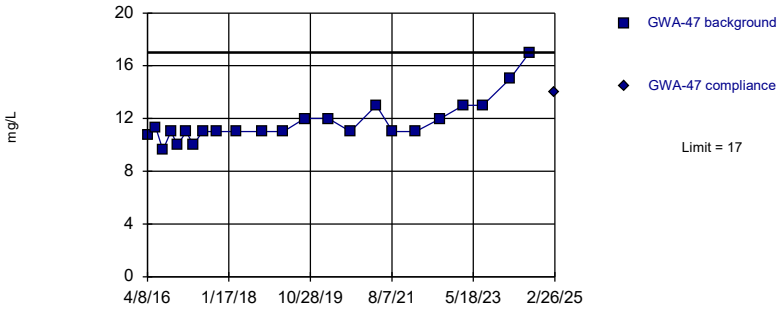
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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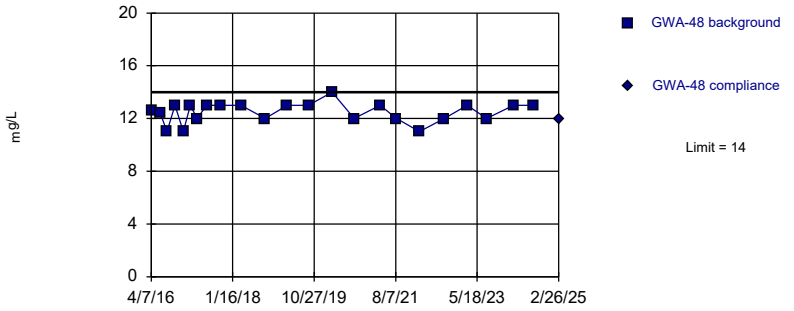
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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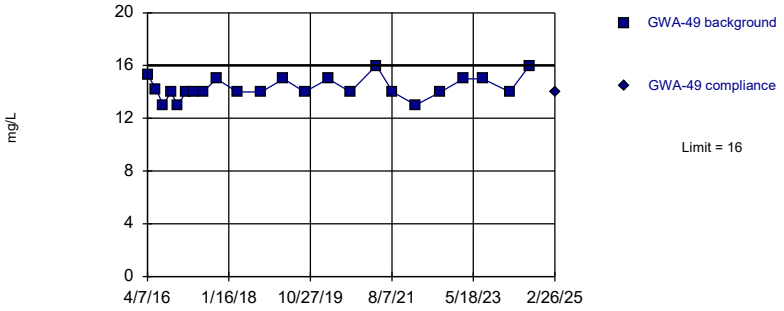
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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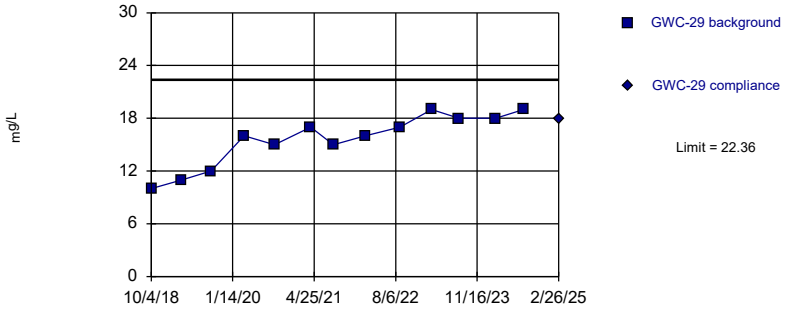
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=15.62, Std. Dev.=2.959, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8984, critical = 0.866. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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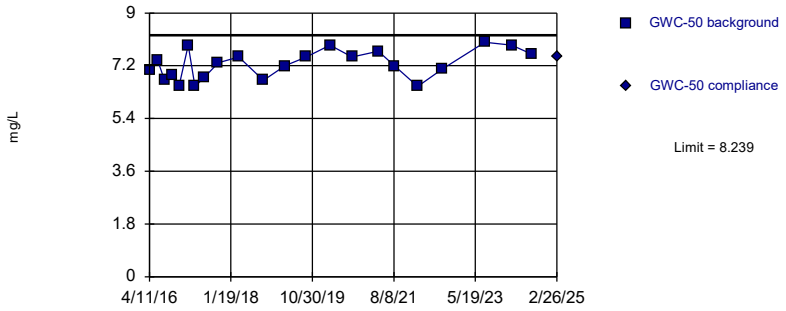
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.243, Std. Dev.=0.4906, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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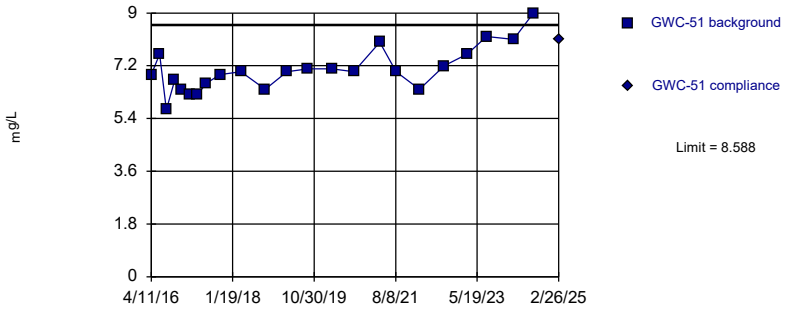
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.057, Std. Dev.=0.7591, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9518, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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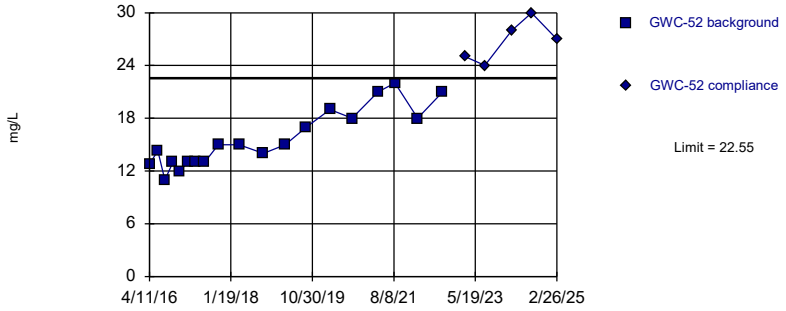
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=15.64, Std. Dev.=3.322, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.91, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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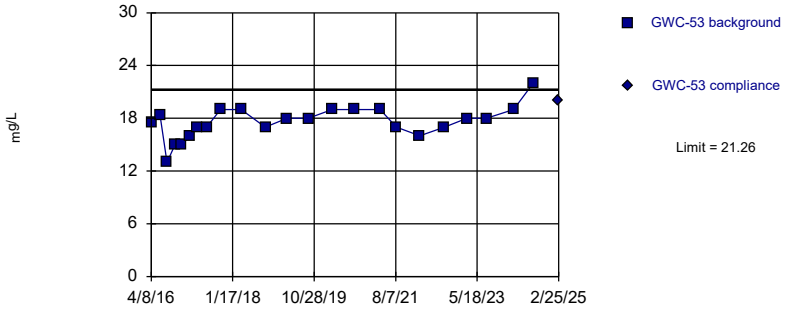
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.56, Std. Dev.=1.834, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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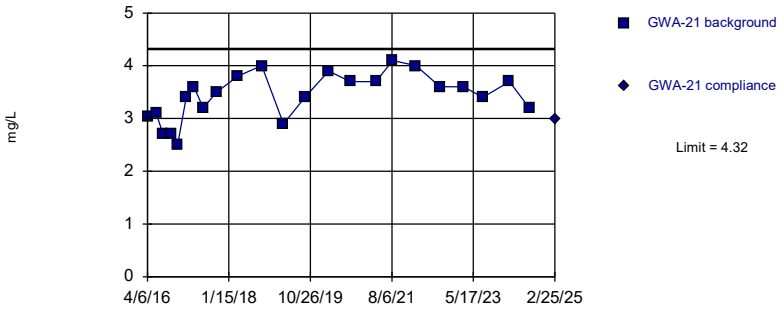
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.423, Std. Dev.=0.4447, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9569, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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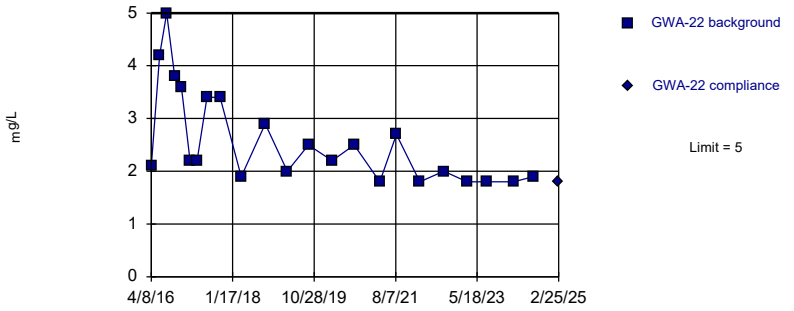
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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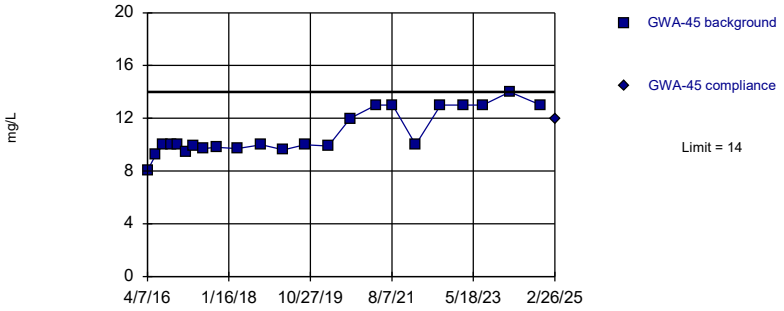
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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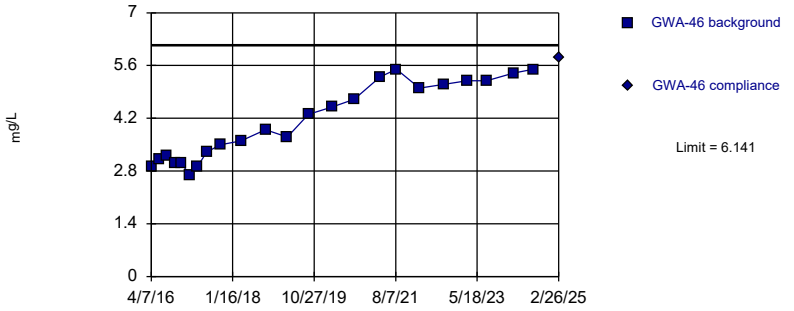
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.109, Std. Dev.=1.007, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8847, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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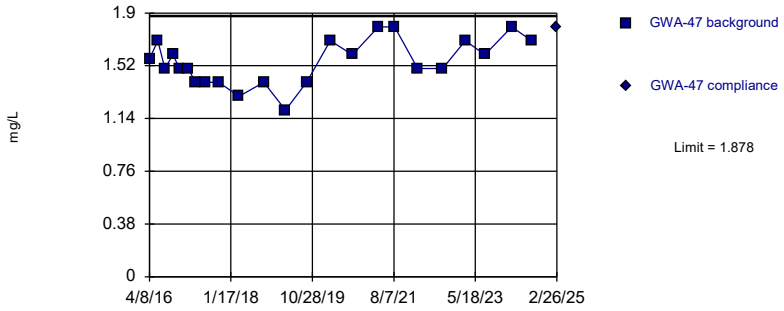
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.547, Std. Dev.=0.1645, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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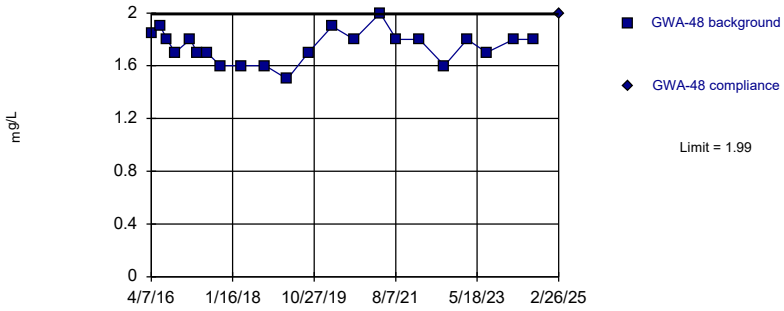
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.747, Std. Dev.=0.1197, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9435, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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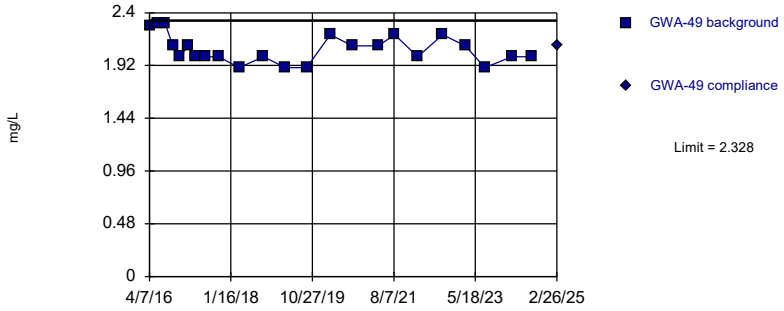
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.069, Std. Dev.=0.1283, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.898, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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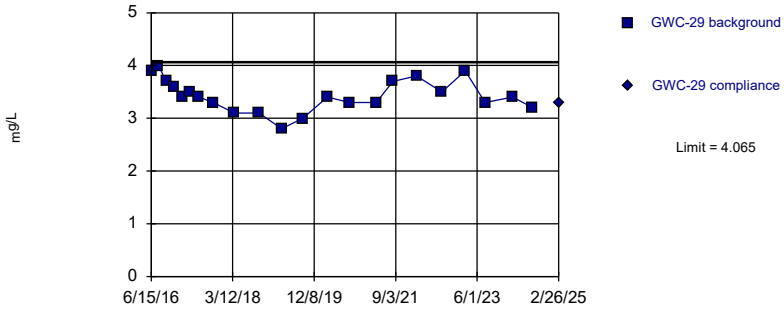
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.436, Std. Dev.=0.3094, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9747, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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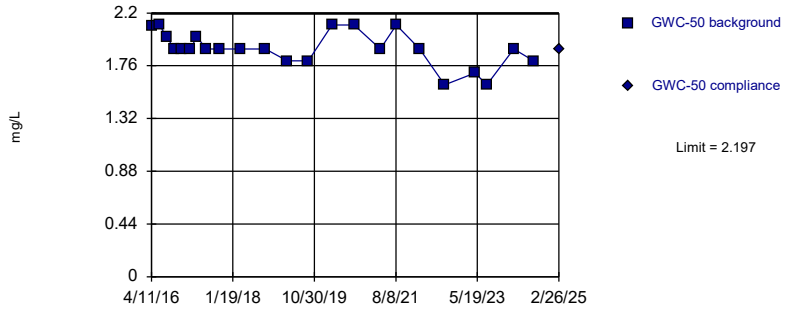
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.904, Std. Dev.=0.1455, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8892, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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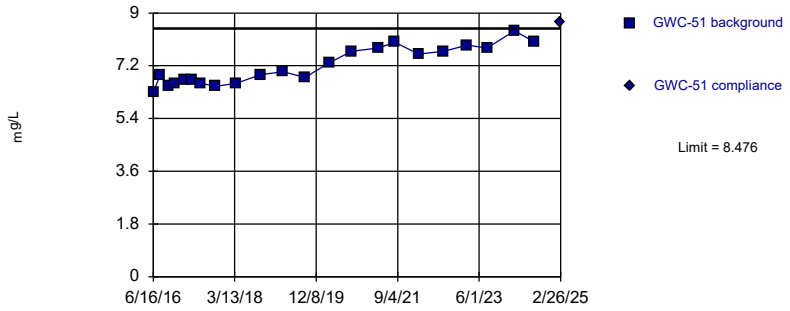
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.195, Std. Dev.=0.6306, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9077, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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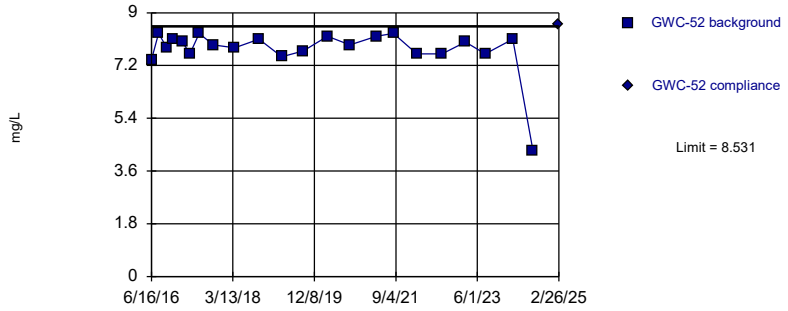
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=237487, Std. Dev.=72936, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8802, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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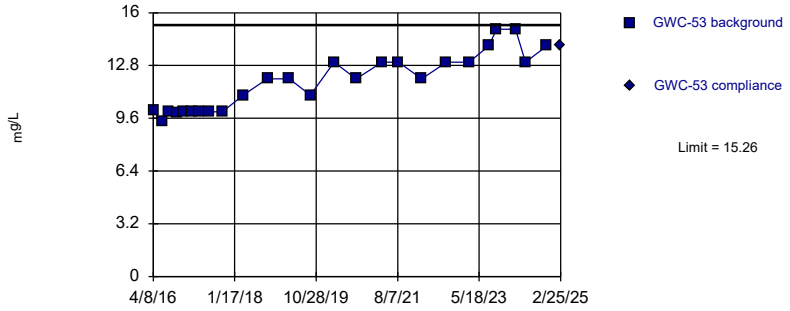
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.81, Std. Dev.=1.733, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8981, critical = 0.888. Kappa = 1.99 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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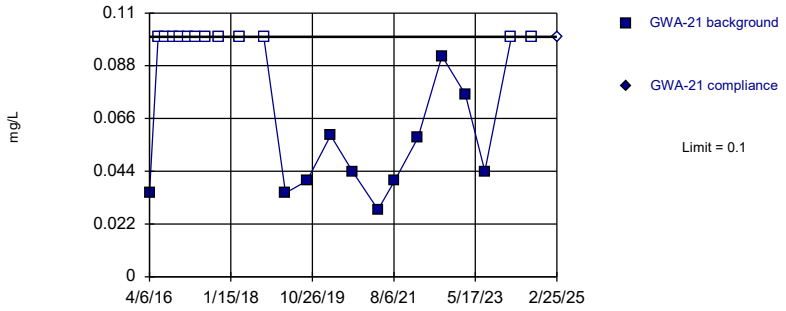
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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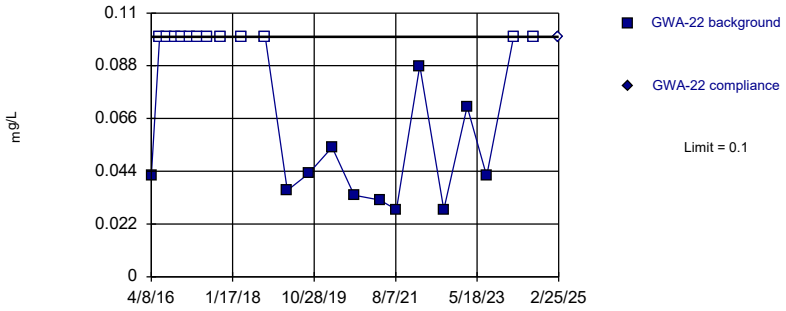
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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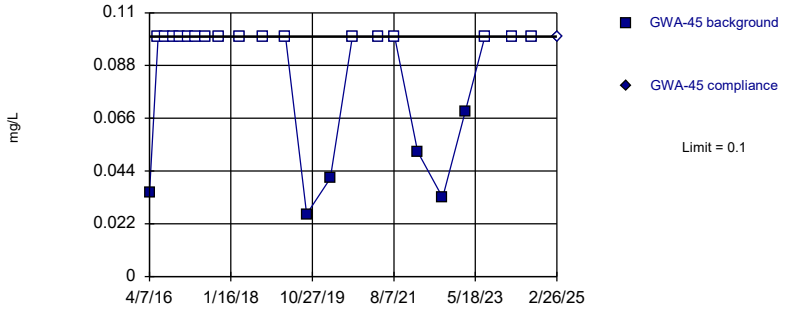
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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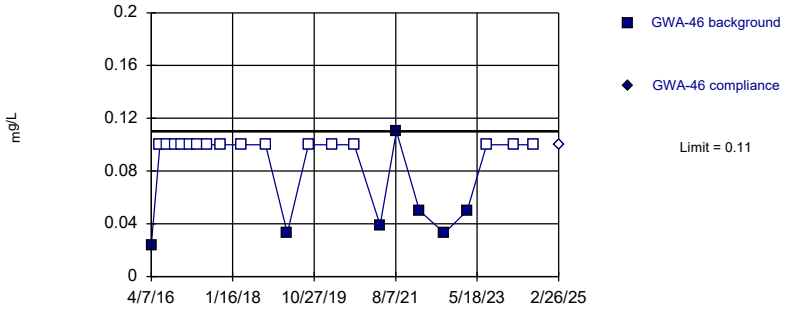
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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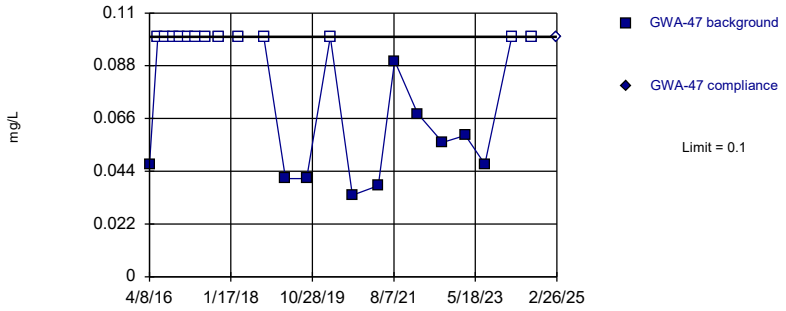
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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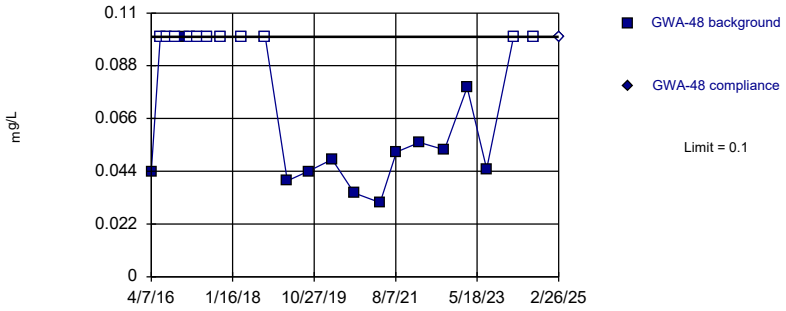
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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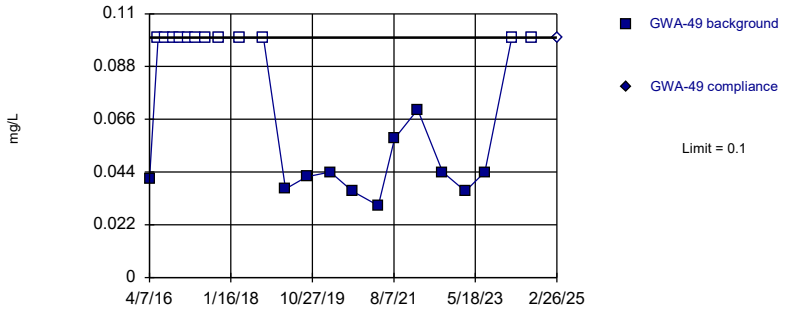
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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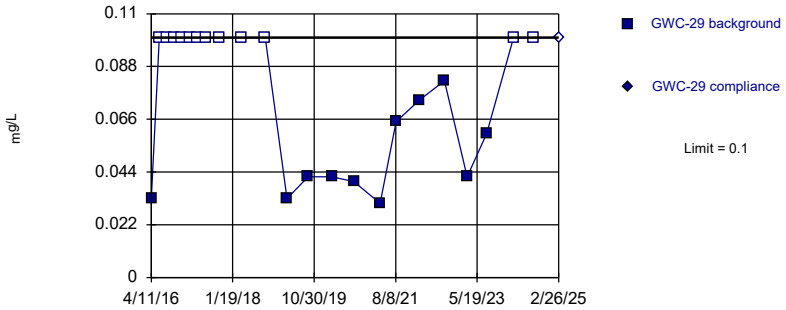
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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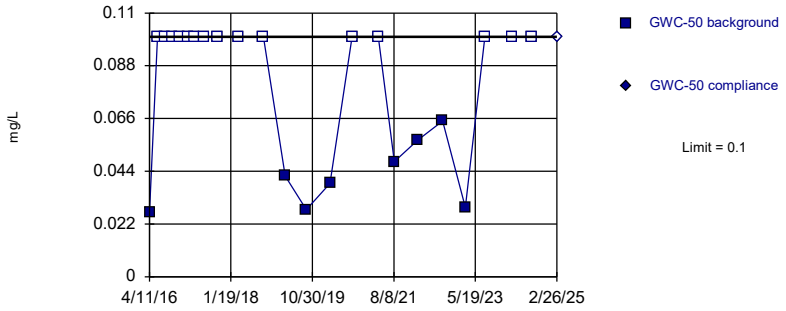
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

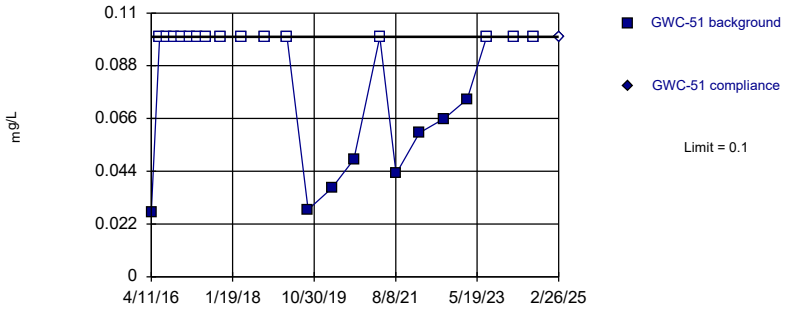
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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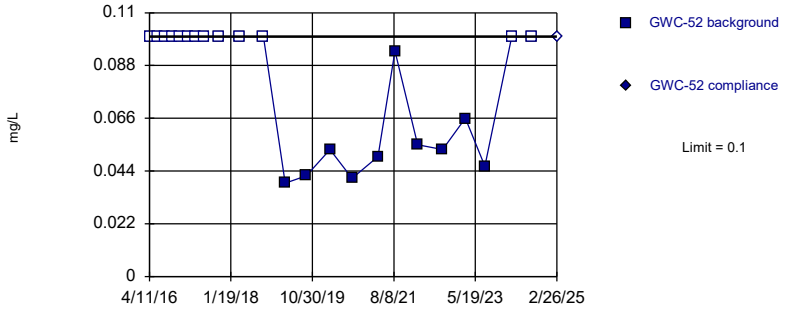
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

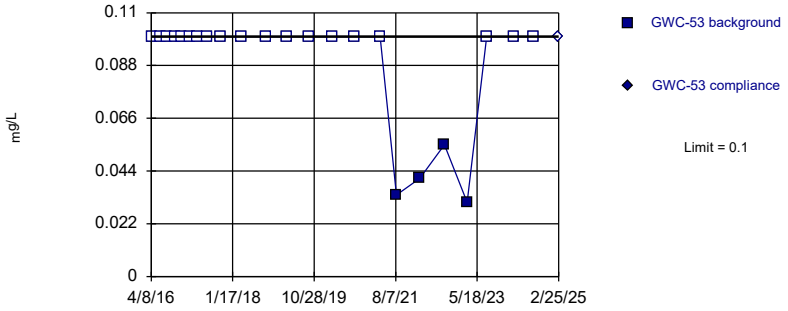
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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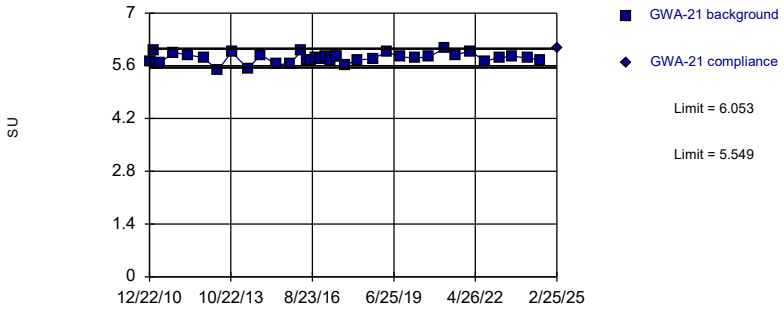
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.801, Std. Dev.=0.1319, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9731, critical = 0.914. Kappa = 1.908 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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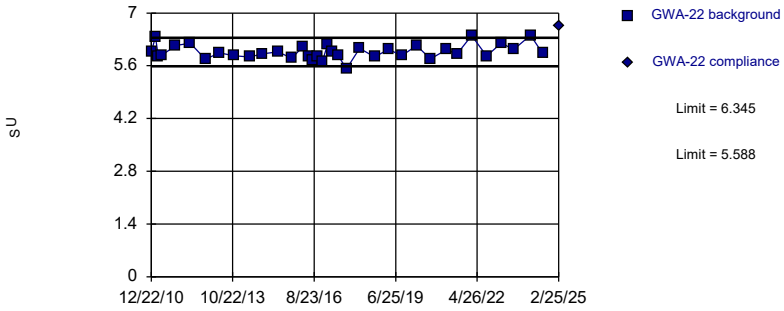
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.966, Std. Dev.=0.198, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.912. Kappa = 1.912 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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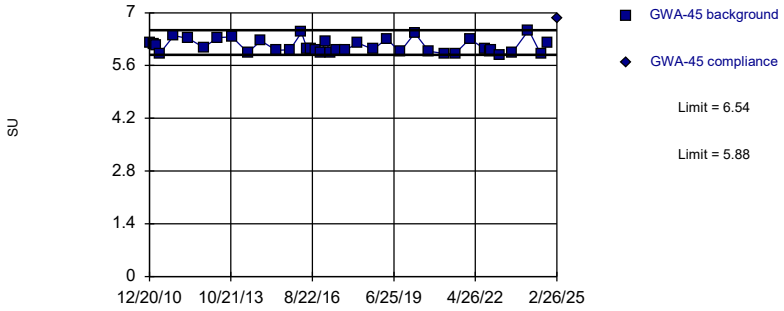
Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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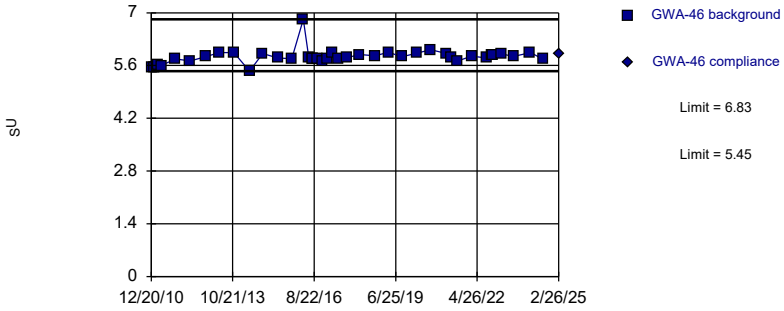
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 40 background values. Well-constituent pair annual alpha = 0.004632. Individual comparison alpha = 0.002317 (1 of 2).

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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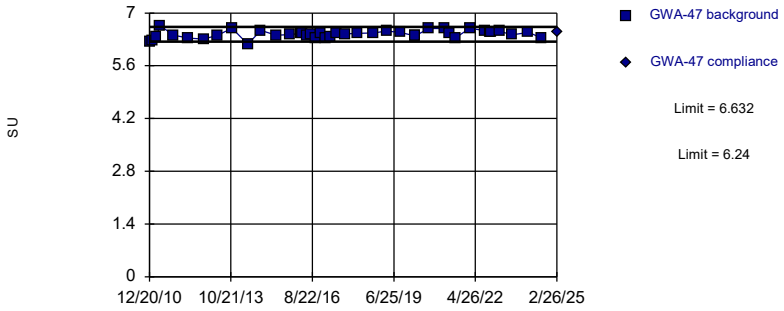
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.436, Std. Dev.=0.1034, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.989, critical = 0.92. Kappa = 1.892 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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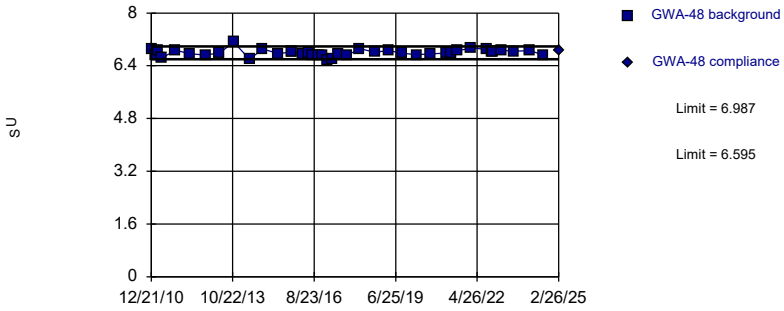
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.791, Std. Dev.=0.1033, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9725, critical = 0.919. Kappa = 1.896 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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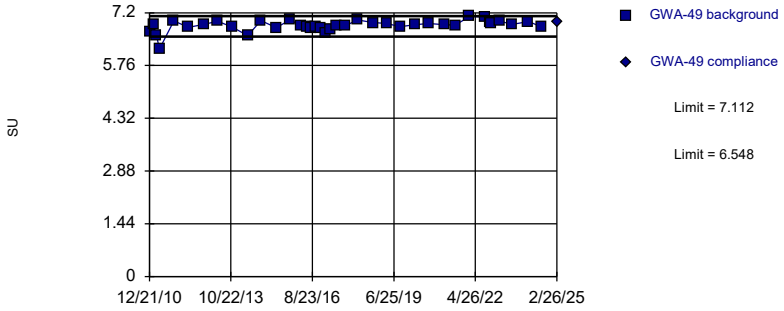
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=15119, Std. Dev.=1618, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9174, critical = 0.916. Kappa = 1.904 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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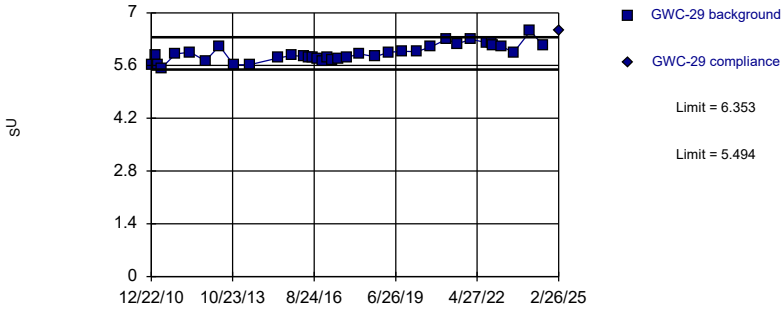
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.924, Std. Dev.=0.2253, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.914. Kappa = 1.908 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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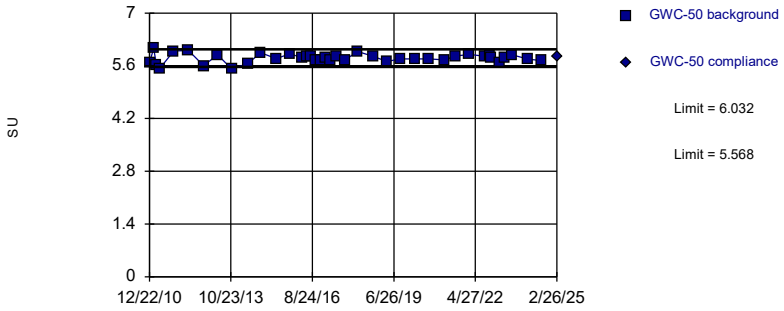
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.1222, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9746, critical = 0.917. Kappa = 1.9 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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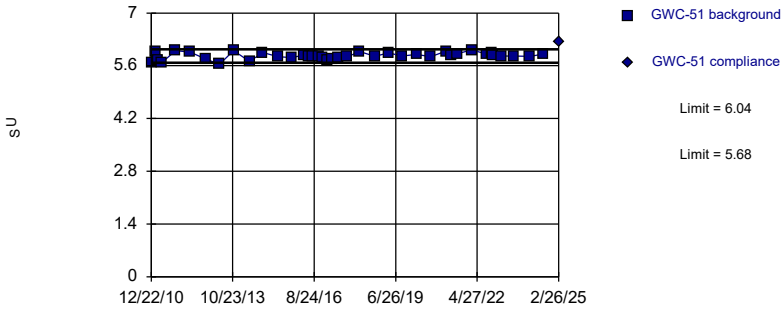
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.86, Std. Dev.=0.0948, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9584, critical = 0.917. Kappa = 1.9 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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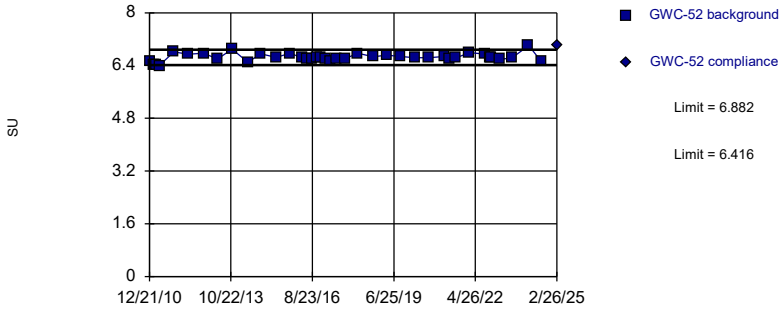
Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.649, Std. Dev.=0.1228, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9574, critical = 0.917. Kappa = 1.9 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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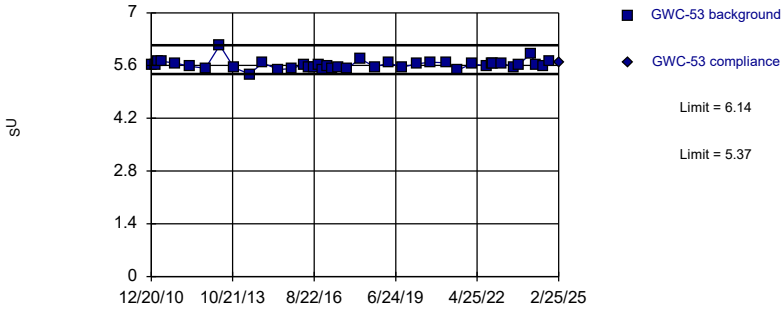
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 41 background values. Well-constituent pair annual alpha = 0.00447. Individual comparison alpha = 0.002236 (1 of 2).

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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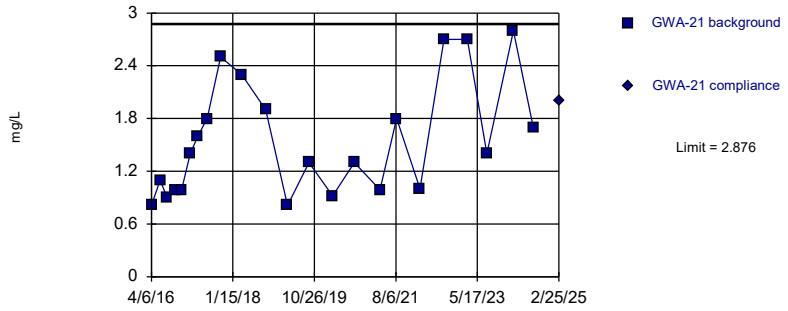
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.553, Std. Dev.=0.6561, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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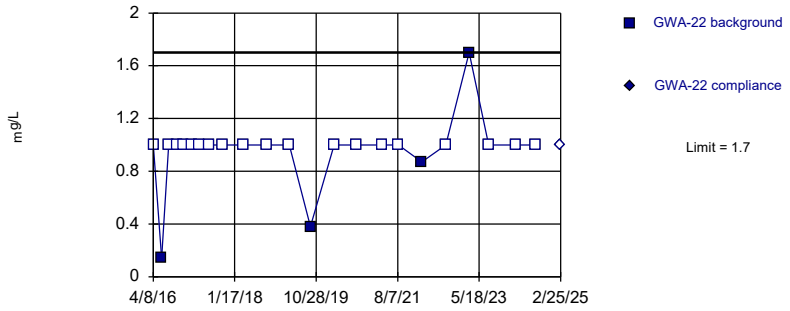
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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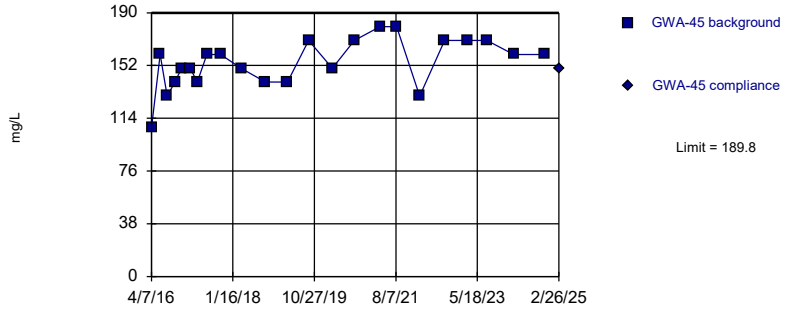
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=153.8, Std. Dev.=17.85, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9391, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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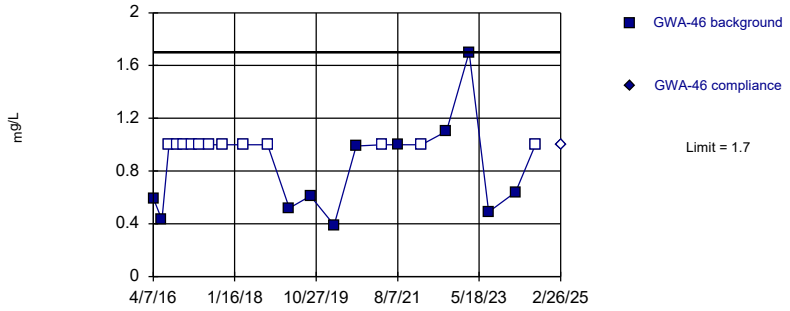
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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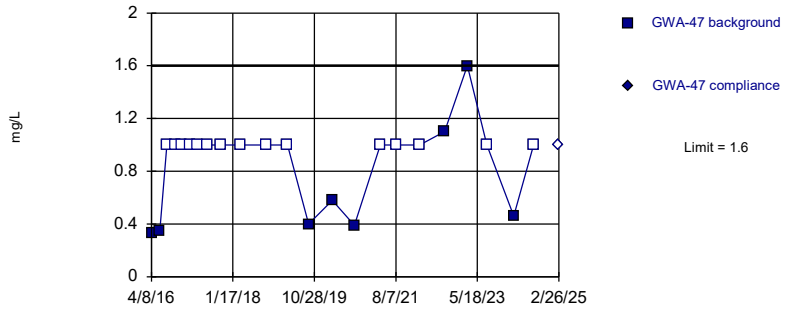
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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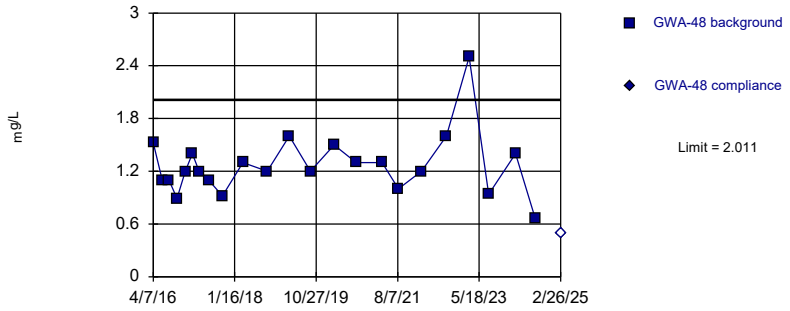
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.116, Std. Dev.=0.1499, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9204, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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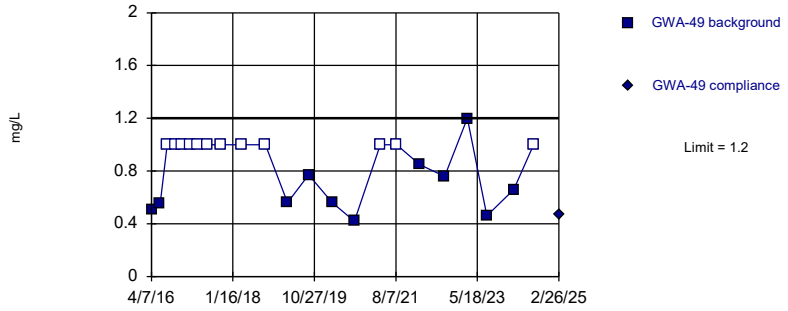
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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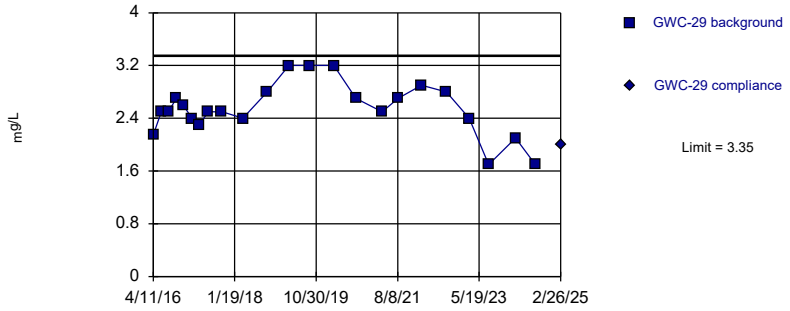
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.541, Std. Dev.=0.4008, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

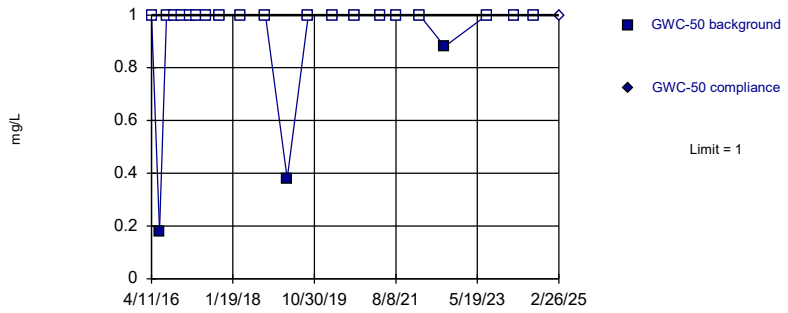
Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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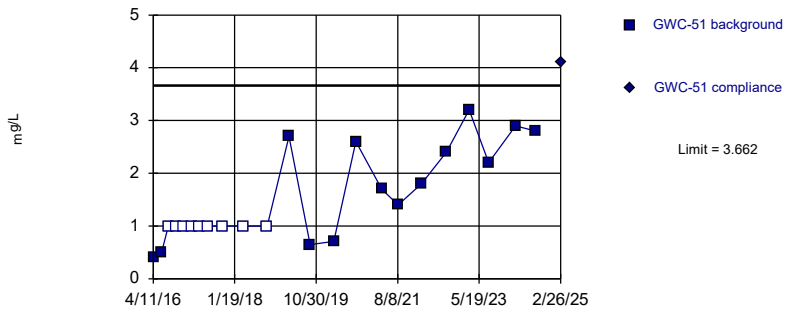
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=1.088, Std. Dev.=0.4091, n=23, 39.13% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9016, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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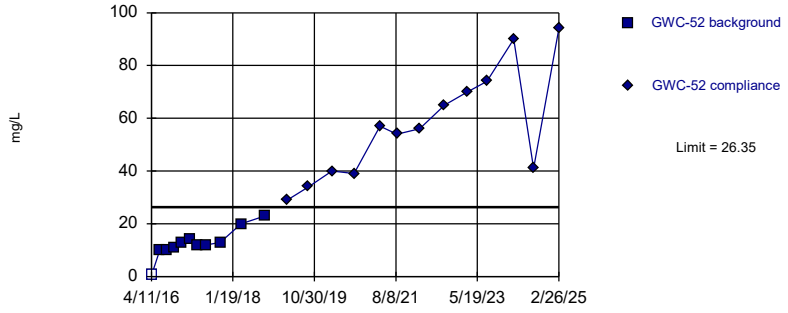
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=12.57, Std. Dev.=5.74, n=11, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9024, critical = 0.85. Kappa = 2.4 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/24/2025 9:56 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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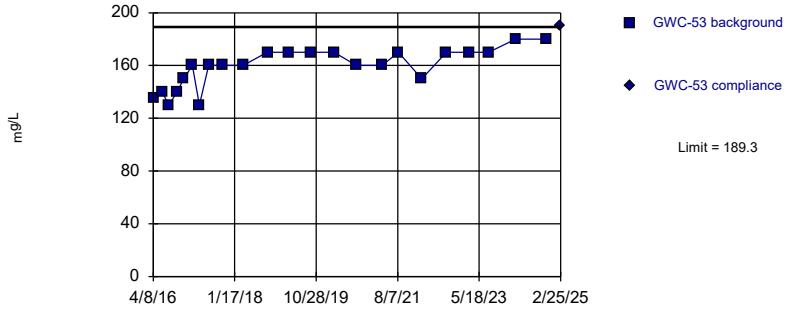
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=158.9, Std. Dev.=15.05, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8866, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/24/2025 9:56 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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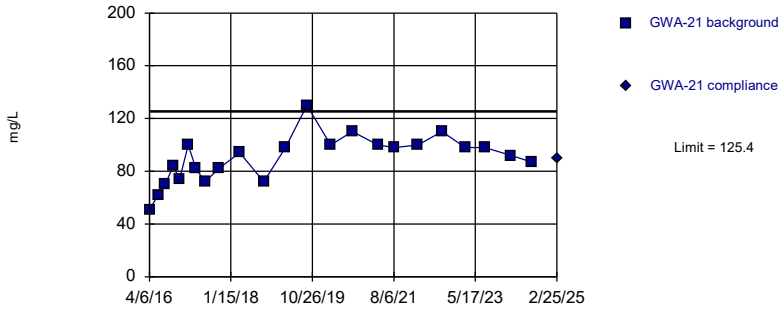
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=89.74, Std. Dev.=17.65, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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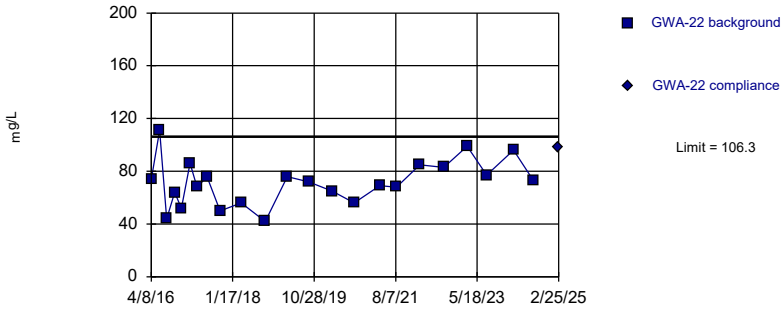
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=71.39, Std. Dev.=17.32, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9769, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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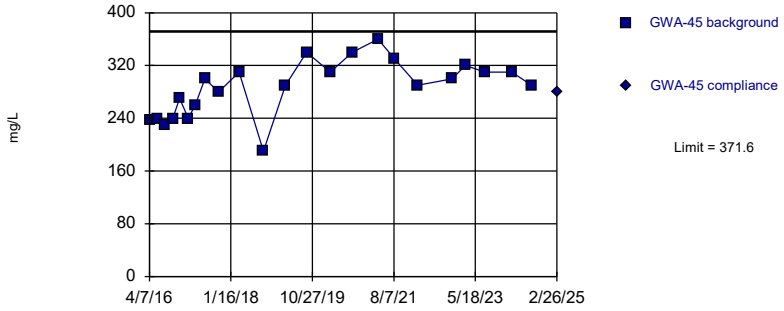
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=286.4, Std. Dev.=42.22, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9643, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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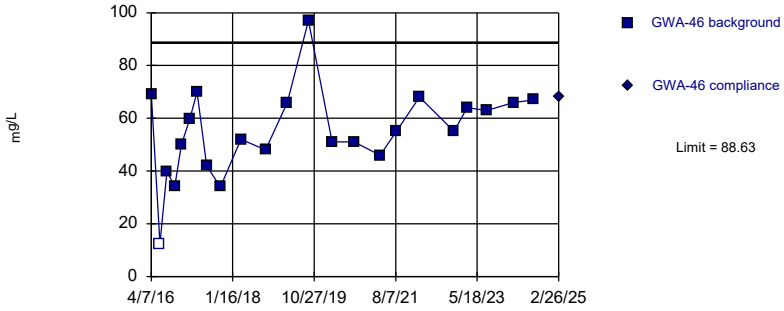
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=54.8, Std. Dev.=16.77, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9537, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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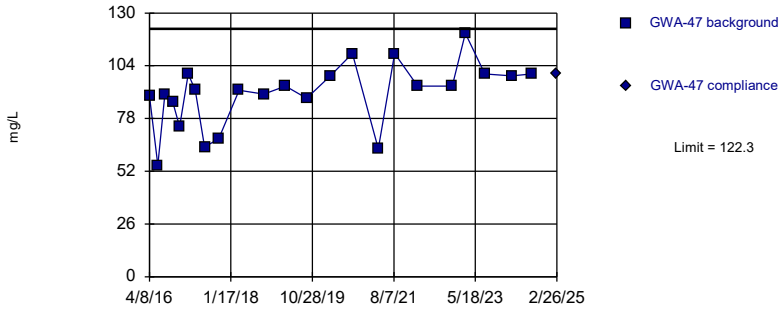
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=90.04, Std. Dev.=15.97, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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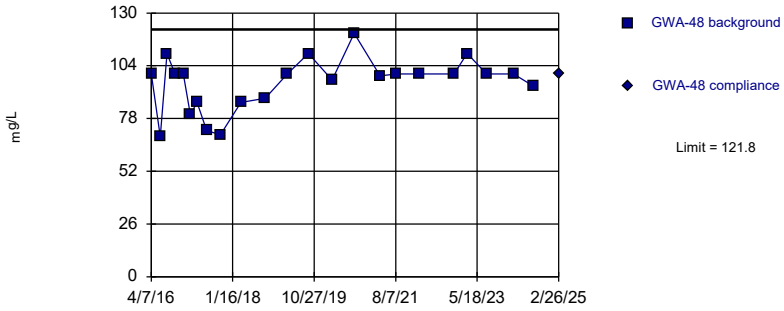
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=95.26, Std. Dev.=13.16, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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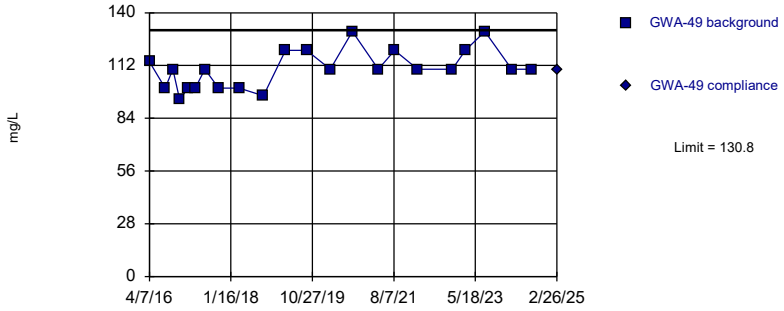
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=110.2, Std. Dev.=10.16, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9212, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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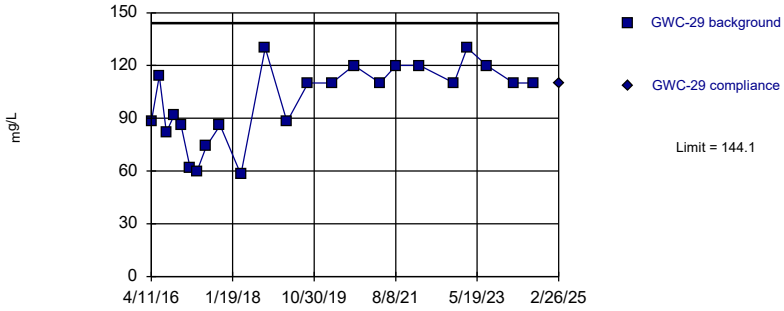
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=99.57, Std. Dev.=22.1, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9105, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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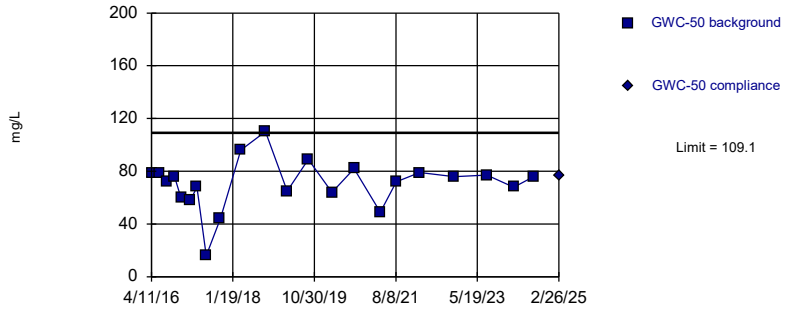
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=70.68, Std. Dev.=18.93, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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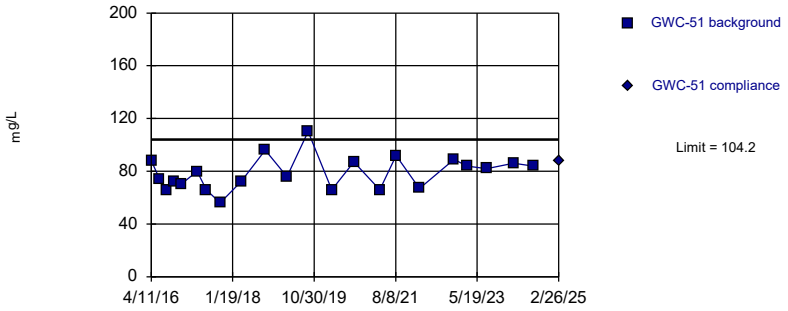
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=78.59, Std. Dev.=12.6, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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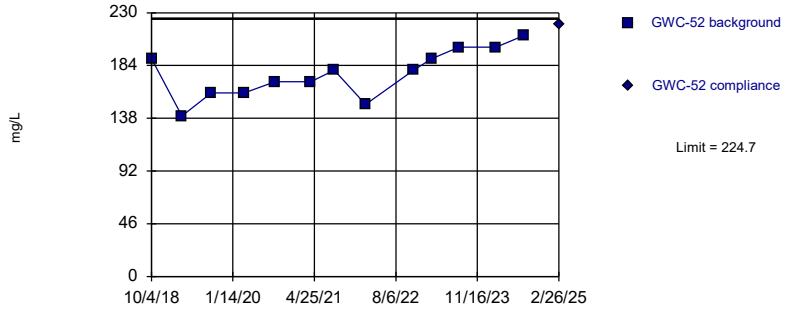
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=176.9, Std. Dev.=20.97, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9727, critical = 0.866. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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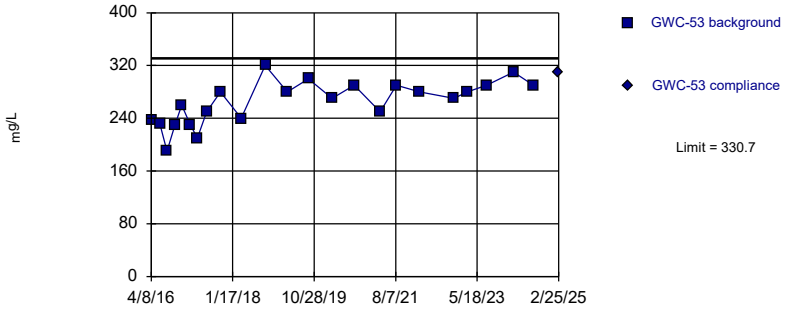
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=264.3, Std. Dev.=32.93, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	<0.08	
6/14/2016	0.0012 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	0.053	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/26/2022	<0.08	
2/28/2023	<0.08	
8/2/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<0.08	
6/14/2016	0.0029 (JB)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/26/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/28/2023	0.19	
8/3/2023	<0.08	
3/4/2024	0.033 (J)	
8/8/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.0657 (J)	
6/14/2016	0.12	
8/9/2016	0.22	
10/10/2016	0.52	
12/2/2016	0.65	
2/9/2017	0.57	
4/7/2017	0.5	
6/22/2017	0.48	
10/10/2017	0.79	
3/22/2018	0.66	
10/3/2018	0.89	
3/27/2019	0.74	
9/12/2019	0.91	
3/19/2020	0.86	
9/11/2020	1	
4/2/2021	1.1	
8/12/2021	1.1	
2/14/2022	0.86	
8/31/2022	1.2	
2/28/2023	1.1	
8/3/2023	1.1	
3/4/2024	0.98	
8/8/2024	1.2	
2/26/2025		1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/10/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.11	
8/3/2023	0.027 (J)	
3/4/2024	0.022 (J)	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	<0.08	
6/14/2016	0.00079 (J)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/5/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/20/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.034 (J)	
8/3/2023	<0.08	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	0.0049 (JB)	
8/10/2016	<0.08	
10/14/2016	<0.08	
12/19/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	0.044 (J)	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.12	
8/3/2023	0.023 (J)	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/30/2022	<0.08	
3/1/2023	<0.08	
8/3/2023	<0.08	
3/4/2024	<0.08	
8/9/2024	0.022 (J)	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	<0.08	
6/15/2016	0.0021 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023	0.075 (J)	
8/3/2023	0.025 (J)	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023	0.95 (o)	
8/3/2023	<0.08	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	<0.08	
6/16/2016	0.0034 (JB)	
8/10/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/15/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.08	
8/3/2023	<0.08	
3/4/2024	0.036 (J)	
8/8/2024	<0.08	
2/26/2025		0.022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.08	
6/16/2016	0.0013 (JB)	
8/11/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/11/2017	<0.08	
6/24/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/17/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023	<0.08	
8/3/2023	<0.08	
3/4/2024	0.023 (J)	
8/8/2024	0.023 (J)	
2/26/2025		0.028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	0.824	
6/16/2016	0.8 (J)	
8/11/2016	0.97	
10/13/2016	0.94	
12/6/2016	1	
2/13/2017	0.97	
4/11/2017	0.88	
6/24/2017	0.87	
10/11/2017	1.1	
3/26/2018	0.91	
10/4/2018	0.92	
3/28/2019	0.97	
9/12/2019	0.94	
3/19/2020	1	
9/11/2020	0.97	
4/6/2021	0.97	
8/13/2021	0.94	
2/14/2022	1	
8/31/2022	1	
2/28/2023	0.91	
8/3/2023	0.97	
3/4/2024	0.97	
8/8/2024	1.2	
2/25/2025		1.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	9.27	
6/14/2016	8.2	
8/10/2016	6.9	
10/11/2016	7.6	
12/2/2016	7.4	
2/10/2017	11	
4/10/2017	9.7	
6/23/2017	9.2	
10/9/2017	9.4	
3/26/2018	9.3	
10/3/2018	7.8	
3/27/2019	9.5	
9/12/2019	8.8	
3/19/2020	11	
9/10/2020	8.2	
4/2/2021	9.2	
8/12/2021	7.2	
2/14/2022	8	
8/26/2022	6.8	
2/28/2023	8.1	
8/2/2023	6.4	
2/29/2024	6.7	
8/6/2024	6	
2/25/2025		5.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	8.6	
6/14/2016	6.8	
8/9/2016	6.2	
10/11/2016	6.2	
12/5/2016	5.5	
2/10/2017	7.8	
4/7/2017	7.3	
6/26/2017	6.8	
10/9/2017	5.8	
3/26/2018	8.7	
10/3/2018	6.1	
3/27/2019	7.1	
9/12/2019	6.1	
3/19/2020	9.7	
9/10/2020	5.9	
4/2/2021	9	
8/12/2021	6	
2/15/2022	9.6	
8/26/2022	7.8	
2/28/2023	11	
8/3/2023	9.6	
3/4/2024	11	
8/8/2024	7.8	
2/25/2025		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	38.4	
6/14/2016	32.9	
8/9/2016	29	
10/10/2016	33	
12/2/2016	33	
2/9/2017	42	
4/7/2017	35	
6/22/2017	38	
10/10/2017	40	
3/22/2018	39	
10/3/2018	41	
3/27/2019	39	
9/12/2019	36	
3/19/2020	45	
9/11/2020	30	
4/2/2021	29	
8/12/2021	26	
2/14/2022	26	
8/31/2022	23	
2/28/2023	23	
8/3/2023	23	
3/4/2024	25	
8/8/2024	20	
2/26/2025		26

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	6.57	
6/14/2016	5.5	
8/9/2016	4.6	
10/10/2016	5.3	
12/2/2016	5.1	
2/10/2017	5.8	
4/7/2017	5.2	
6/23/2017	5.7	
10/10/2017	5.8	
3/23/2018	6.6	
10/4/2018	5.4	
3/27/2019	6.1	
9/12/2019	5.7	
3/19/2020	6.7	
9/11/2020	5.5	
4/5/2021	7	
8/12/2021	6.1	
2/14/2022	5.9	
8/31/2022	5.7	
2/28/2023	6.6	
8/3/2023	6.4	
3/4/2024	6.8	
8/8/2024	6.9	
2/26/2025		6.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	10.7	
6/14/2016	11.3	
8/9/2016	9.6	
10/11/2016	11	
12/5/2016	10	
2/10/2017	11	
4/7/2017	10	
6/22/2017	11	
10/10/2017	11	
3/22/2018	11	
10/5/2018	11	
3/27/2019	11	
9/12/2019	12	
3/20/2020	12	
9/11/2020	11	
4/5/2021	13	
8/13/2021	11	
2/14/2022	11	
8/31/2022	12	
2/28/2023	13	
8/3/2023	13	
3/4/2024	15	
8/8/2024	17	
2/26/2025		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	12.6	
6/17/2016	12.4	
8/10/2016	11	
10/14/2016	13	
12/19/2016	11	
2/13/2017	13	
4/7/2017	12	
6/22/2017	13	
10/10/2017	13	
3/23/2018	13	
10/3/2018	12	
3/27/2019	13	
9/12/2019	13	
3/19/2020	14	
9/11/2020	12	
4/5/2021	13	
8/12/2021	12	
2/14/2022	11	
8/31/2022	12	
2/28/2023	13	
8/3/2023	12	
3/4/2024	13	
8/8/2024	13	
2/26/2025		12

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	15.3	
6/14/2016	14.2	
8/9/2016	13	
10/11/2016	14	
12/2/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/10/2017	15	
3/22/2018	14	
10/3/2018	14	
3/27/2019	15	
9/12/2019	14	
3/19/2020	15	
9/10/2020	14	
4/6/2021	16	
8/12/2021	14	
2/14/2022	13	
8/30/2022	14	
3/1/2023	15	
8/3/2023	15	
3/4/2024	14	
8/9/2024	16	
2/26/2025		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	9.7	
6/15/2016	9.5	
8/10/2016	8.5	
10/11/2016	9.3	
12/5/2016	9	
2/13/2017	9.2	
4/10/2017	9.2	
6/23/2017	9.8	
10/10/2017	10	
3/26/2018	11	
10/4/2018	10	
3/28/2019	11	
9/12/2019	12	
3/19/2020	16	
9/10/2020	15	
4/6/2021	17	
8/13/2021	15	
2/14/2022	16	
8/31/2022	17	
3/1/2023	19	
8/3/2023	18	
3/4/2024	18	
8/8/2024	19	
2/26/2025		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	7.04	
6/15/2016	7.4	
8/10/2016	6.7	
10/11/2016	6.9	
12/2/2016	6.5	
2/13/2017	7.9	
4/7/2017	6.5	
6/22/2017	6.8	
10/10/2017	7.3	
3/23/2018	7.5	
10/4/2018	6.7	
3/28/2019	7.2	
9/12/2019	7.5	
3/19/2020	7.9	
9/10/2020	7.5	
4/6/2021	7.7	
8/13/2021	7.2	
2/14/2022	6.5	
8/31/2022	7.1	
3/1/2023	20 (o)	
8/3/2023	8	
3/4/2024	7.9	
8/8/2024	7.6	
2/26/2025		7.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	6.9	
6/16/2016	7.6	
8/10/2016	5.7	
10/13/2016	6.7	
12/5/2016	6.4	
2/13/2017	6.2	
4/10/2017	6.2	
6/23/2017	6.6	
10/11/2017	6.9 (B)	
3/26/2018	7	
10/4/2018	6.4	
3/27/2019	7	
9/12/2019	7.1	
3/19/2020	7.1	
9/11/2020	7	
4/5/2021	8	
8/13/2021	7	
2/15/2022	6.4	
8/31/2022	7.2	
2/28/2023	7.6	
8/3/2023	8.2	
3/4/2024	8.1	
8/8/2024	9	
2/26/2025		8.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	12.8	
6/16/2016	14.3	
8/11/2016	11	
10/13/2016	13	
12/5/2016	12	
2/13/2017	13	
4/11/2017	13	
6/24/2017	13	
10/11/2017	15 (B)	
3/26/2018	15	
10/4/2018	14	
3/28/2019	15	
9/12/2019	17	
3/19/2020	19	
9/11/2020	18	
4/5/2021	21	
8/17/2021	22	
2/14/2022	18	
8/31/2022	21	
3/1/2023		25
8/3/2023		24
3/4/2024		28
8/8/2024		30
2/26/2025		27

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	17.5	
6/16/2016	18.4	
8/11/2016	13	
10/13/2016	15	
12/6/2016	15	
2/13/2017	16	
4/11/2017	17	
6/24/2017	17	
10/11/2017	19 (B)	
3/26/2018	19	
10/4/2018	17	
3/28/2019	18	
9/12/2019	18	
3/19/2020	19	
9/11/2020	19	
4/6/2021	19	
8/13/2021	17	
2/14/2022	16	
8/31/2022	17	
2/28/2023	18	
8/3/2023	18	
3/4/2024	19	
8/8/2024	22	
2/25/2025		20

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	3.034	
6/14/2016	3.1	
8/10/2016	2.7	
10/11/2016	2.7	
12/2/2016	2.5	
2/10/2017	3.4	
4/10/2017	3.6	
6/23/2017	3.2	
10/9/2017	3.5	
3/26/2018	3.8	
10/3/2018	4	
3/27/2019	2.9	
9/12/2019	3.4	
3/19/2020	3.9	
9/10/2020	3.7	
4/2/2021	3.7	
8/12/2021	4.1	
2/14/2022	4	
8/26/2022	3.6	
2/28/2023	3.6	
8/2/2023	3.4	
2/29/2024	3.7	
8/6/2024	3.2	
2/25/2025		3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	2.1	
6/14/2016	4.2	
8/9/2016	5	
10/11/2016	3.8	
12/5/2016	3.6	
2/10/2017	2.2	
4/7/2017	2.2	
6/26/2017	3.4	
10/9/2017	3.4	
3/26/2018	1.9	
10/3/2018	2.9	
3/27/2019	2	
9/12/2019	2.5	
3/19/2020	2.2	
9/10/2020	2.5	
4/2/2021	1.8	
8/12/2021	2.7	
2/15/2022	1.8	
8/26/2022	2	
2/28/2023	1.8	
8/3/2023	1.8	
3/4/2024	1.8	
8/8/2024	1.9	
2/25/2025		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3 (D)	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021	13	
8/12/2021	13	
2/14/2022	10	
8/31/2022	13	
2/28/2023	13	
8/3/2023	13	
3/4/2024	14	
8/8/2024	27 (o)	
11/7/2024	13	
2/26/2025		12

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	2.914	
6/14/2016	3.1	
8/9/2016	3.2	
10/10/2016	3	
12/2/2016	3	
2/10/2017	2.7	
4/7/2017	2.9	
6/23/2017	3.3	
10/10/2017	3.5	
3/23/2018	3.6	
10/4/2018	3.9	
3/27/2019	3.7	
9/12/2019	4.3	
3/19/2020	4.5	
9/11/2020	4.7	
4/5/2021	5.3	
8/12/2021	5.5	
2/14/2022	5	
8/31/2022	5.1	
2/28/2023	5.2	
8/3/2023	5.2	
3/4/2024	5.4	
8/8/2024	5.5	
2/26/2025		5.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	1.57	
6/14/2016	1.7	
8/9/2016	1.5	
10/11/2016	1.6	
12/5/2016	1.5	
2/10/2017	1.5	
4/7/2017	1.4	
6/22/2017	1.4	
10/10/2017	1.4	
3/22/2018	1.3	
10/5/2018	1.4	
3/27/2019	1.2	
9/12/2019	1.4	
3/20/2020	1.7 (F1)	
9/11/2020	1.6	
4/5/2021	1.8	
8/13/2021	1.8	
2/14/2022	1.5	
8/31/2022	1.5	
2/28/2023	1.7	
8/3/2023	1.6	
3/4/2024	1.8	
8/8/2024	1.7	
2/26/2025		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9 (BD)	
8/10/2016	1.8	
10/14/2016	1.7	
12/19/2016	2.7 (O)	
2/13/2017	1.8	
4/7/2017	1.7	
6/22/2017	1.7	
10/10/2017	1.6	
3/23/2018	1.6	
10/3/2018	1.6	
3/27/2019	1.5	
9/12/2019	1.7	
3/19/2020	1.9	
9/11/2020	1.8	
4/5/2021	2	
8/12/2021	1.8	
2/14/2022	1.8	
8/31/2022	1.6	
2/28/2023	1.8	
8/3/2023	1.7	
3/4/2024	1.8	
8/8/2024	1.8	
2/26/2025		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	2.285	
6/14/2016	2.3	
8/9/2016	2.3	
10/11/2016	2.1	
12/2/2016	2	
2/9/2017	2.1	
4/7/2017	2	
6/22/2017	2	
10/10/2017	2	
3/22/2018	1.9	
10/3/2018	2	
3/27/2019	1.9	
9/12/2019	1.9	
3/19/2020	2.2	
9/10/2020	2.1	
4/6/2021	2.1	
8/12/2021	2.2	
2/14/2022	2	
8/30/2022	2.2	
3/1/2023	2.1	
8/3/2023	1.9	
3/4/2024	2	
8/9/2024	2	
2/26/2025		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	1.57 (O)	
6/15/2016	3.9	
8/10/2016	4	
10/11/2016	3.7	
12/5/2016	3.6	
2/13/2017	3.4	
4/10/2017	3.5	
6/23/2017	3.4	
10/10/2017	3.3	
3/26/2018	3.1	
10/4/2018	3.1	
3/28/2019	2.8	
9/12/2019	3	
3/19/2020	3.4	
9/10/2020	3.3	
4/6/2021	3.3	
8/13/2021	3.7	
2/14/2022	3.8	
8/31/2022	3.5	
3/1/2023	3.9	
8/3/2023	3.3	
3/4/2024	3.4	
8/8/2024	3.2	
2/26/2025		3.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	2.09	
6/15/2016	2.1	
8/10/2016	2	
10/11/2016	1.9	
12/2/2016	1.9	
2/13/2017	1.9	
4/7/2017	2	
6/22/2017	1.9	
10/10/2017	1.9	
3/23/2018	1.9	
10/4/2018	1.9	
3/28/2019	1.8	
9/12/2019	1.8	
3/19/2020	2.1	
9/10/2020	2.1	
4/6/2021	1.9	
8/13/2021	2.1	
2/14/2022	1.9	
8/31/2022	1.6	
3/1/2023	14 (o)	
5/2/2023	1.7	
8/3/2023	1.6	
3/4/2024	1.9	
8/8/2024	1.8	
2/26/2025		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	2.09 (O)	
6/16/2016	6.3	
8/10/2016	6.9	
10/13/2016	6.5	
12/5/2016	6.6	
2/13/2017	6.7	
4/10/2017	6.7	
6/23/2017	6.6	
10/11/2017	6.5	
3/26/2018	6.6	
10/4/2018	6.9	
3/27/2019	7	
9/12/2019	6.8	
3/19/2020	7.3	
9/11/2020	7.7	
4/5/2021	7.8	
8/13/2021	8	
2/15/2022	7.6	
8/31/2022	7.7	
2/28/2023	7.9	
8/3/2023	7.8	
3/4/2024	8.4	
8/8/2024	8	
2/26/2025		8.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.25 (O)	
6/16/2016	7.4	
8/11/2016	8.3	
10/13/2016	7.8	
12/5/2016	8.1	
2/13/2017	8	
4/11/2017	7.6	
6/24/2017	8.3	
10/11/2017	7.9	
3/26/2018	7.8	
10/4/2018	8.1	
3/28/2019	7.5	
9/12/2019	7.7	
3/19/2020	8.2	
9/11/2020	7.9	
4/5/2021	8.2	
8/17/2021	8.3	
2/14/2022	7.6	
8/31/2022	7.6	
3/1/2023	8	
8/3/2023	7.6	
3/4/2024	8.1	
8/8/2024	4.3 (J)	
2/26/2025		8.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023	13	
8/3/2023	14	
10/4/2023	15	
3/4/2024	15	
5/20/2024	13	
8/8/2024	29 (o)	
11/7/2024	14	
2/25/2025		14

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.035 (J)	
9/12/2019	0.04 (J)	
3/19/2020	0.059 (J)	
9/10/2020	0.044 (J)	
4/2/2021	0.028 (J)	
8/12/2021	0.04 (J)	
2/14/2022	0.058 (J)	
8/26/2022	0.092 (J)	
2/28/2023	0.076 (J)	
8/2/2023	0.044 (J)	
2/29/2024	<0.1	
8/6/2024	<0.1	
2/25/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	0.042 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/26/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.036 (J)	
9/12/2019	0.043 (J)	
3/19/2020	0.054 (J)	
9/10/2020	0.034 (J)	
4/2/2021	0.032 (J)	
8/12/2021	0.028 (J)	
2/15/2022	0.088 (J)	
8/26/2022	0.028 (J)	
2/28/2023	0.071 (J)	
8/3/2023	0.042 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/25/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.035 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.026 (J)	
3/19/2020	0.041 (J)	
9/11/2020	<0.1	
4/2/2021	<0.1	
8/12/2021	<0.1	
2/14/2022	0.052 (J)	
8/31/2022	0.033 (J)	
2/28/2023	0.069 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.024 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.033 (J)	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/5/2021	0.039 (J)	
8/12/2021	0.11	
2/14/2022	0.05 (J)	
8/31/2022	0.033 (J)	
2/28/2023	0.05 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.047 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/5/2018	<0.1	
3/27/2019	0.041 (J)	
9/12/2019	0.041 (J)	
3/20/2020	<0.1	
9/11/2020	0.034 (J)	
4/5/2021	0.038 (J)	
8/13/2021	0.09 (J)	
2/14/2022	0.068 (J)	
8/31/2022	0.056 (J)	
2/28/2023	0.059 (J)	
8/3/2023	0.047 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.1 (D)	
8/10/2016	<0.1	
10/14/2016	<0.1	
12/19/2016	0.1 (J)	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.04 (J)	
9/12/2019	0.044 (J)	
3/19/2020	0.049 (J)	
9/11/2020	0.035 (J)	
4/5/2021	0.031 (J)	
8/12/2021	0.052 (J)	
2/14/2022	0.056 (J)	
8/31/2022	0.053 (J)	
2/28/2023	0.079 (J)	
8/3/2023	0.045 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.037 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.044 (J)	
9/10/2020	0.036 (J)	
4/6/2021	0.03 (J)	
8/12/2021	0.058 (J)	
2/14/2022	0.07 (J)	
8/30/2022	0.044 (J)	
3/1/2023	0.036 (J)	
8/3/2023	0.044 (J)	
3/4/2024	<0.1	
8/9/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.033 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.042 (J)	
9/10/2020	0.04 (J)	
4/6/2021	0.031 (J)	
8/13/2021	0.065 (JF1)	
2/14/2022	0.074 (J)	
8/31/2022	0.082 (J)	
3/1/2023	0.042 (J)	
8/3/2023	0.06 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	0.027 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.042 (J)	
9/12/2019	0.028 (J)	
3/19/2020	0.039 (J)	
9/10/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.048 (J)	
2/14/2022	0.057 (J)	
8/31/2022	0.065 (J)	
3/1/2023	0.029 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.027 (J)	
6/16/2016	<0.1	
8/10/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.028 (J)	
3/19/2020	0.037 (J)	
9/11/2020	0.049 (J)	
4/5/2021	<0.1	
8/13/2021	0.043 (J)	
2/15/2022	0.06 (J)	
8/31/2022	0.066 (J)	
2/28/2023	0.074 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.039 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.053 (J)	
9/11/2020	0.041 (J)	
4/5/2021	0.05 (J)	
8/17/2021	0.094 (JF1)	
2/14/2022	0.055 (J)	
8/31/2022	0.053 (J)	
3/1/2023	0.066 (J)	
8/3/2023	0.046 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/6/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	<0.1	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.034 (J)	
2/14/2022	0.041 (J)	
8/31/2022	0.055 (J)	
2/28/2023	0.031 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/25/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	5.72	
2/14/2011	6.01	
3/22/2011	5.65	
4/26/2011	5.67	
10/27/2011	5.95	
5/1/2012	5.88	
11/8/2012	5.82	
5/7/2013	5.48	
11/4/2013	5.97	
5/24/2014	5.52	
11/8/2014	5.89 (D)	
5/21/2015	5.64	
11/13/2015	5.65 (D)	
4/6/2016	6	
6/14/2016	5.75	
8/10/2016	5.75	
10/11/2016	5.8	
12/2/2016	5.78	
2/10/2017	5.83	
4/10/2017	5.74	
6/23/2017	5.83	
6/26/2017	5.83	
10/9/2017	5.61	
3/26/2018	5.76	
10/3/2018	5.78	
3/27/2019	5.97	
9/12/2019	5.83	
3/19/2020	5.81	
9/10/2020	5.83	
4/2/2021	6.06	
8/12/2021	5.88	
2/14/2022	5.99	
8/26/2022	5.73	
2/28/2023	5.81	
8/2/2023	5.86	
2/29/2024	5.8	
8/6/2024	5.76	
2/25/2025		6.07

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	5.97	
2/14/2011	6.37	
3/22/2011	5.83	
4/26/2011	5.87	
10/27/2011	6.14	
5/1/2012	6.2	
11/8/2012	5.77	
5/7/2013	5.94	
11/4/2013	5.87	
5/24/2014	5.83	
11/8/2014	5.92 (D)	
5/21/2015	5.97 (D)	
11/13/2015	5.8 (D)	
4/8/2016	6.12	
6/14/2016	5.84	
8/9/2016	5.75	
10/11/2016	5.84	
12/5/2016	5.7	
2/10/2017	6.17	
4/7/2017	5.99	
6/26/2017	5.87	
10/9/2017	5.52	
3/26/2018	6.06	
10/3/2018	5.83	
3/27/2019	6.04	
9/12/2019	5.87	
3/19/2020	6.14	
9/10/2020	5.78	
4/2/2021	6.03	
8/12/2021	5.91	
2/15/2022	6.4	
8/26/2022	5.86	
2/28/2023	6.21	
8/3/2023	6.03	
3/4/2024	6.41	
8/8/2024	5.93	
2/25/2025		6.66

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	6.21	
2/14/2011	6.17	
3/21/2011	6.14	
4/26/2011	5.91	
10/26/2011	6.39	
5/1/2012	6.32	
11/8/2012	6.08	
5/8/2013	6.34	
11/4/2013	6.36	
5/24/2014	5.94	
11/7/2014	6.26 (D)	
5/20/2015	6	
11/13/2015	6.02 (D)	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021	5.92	
8/12/2021	5.92	
2/14/2022	6.31	
8/31/2022	6.03	
10/25/2022	5.99	
11/16/2022	6.02	
2/28/2023	5.88	
8/3/2023	5.93	
3/4/2024	6.54	
8/8/2024	5.9	
11/7/2024	6.19	
2/26/2025		6.85

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	5.54	
2/1/2011	5.55	
3/21/2011	5.61	
4/26/2011	5.6	
10/27/2011	5.77	
5/2/2012	5.72	
11/8/2012	5.83	
5/7/2013	5.94	
11/4/2013	5.94	
5/24/2014	5.45	
11/7/2014	5.92 (D)	
5/20/2015	5.8	
11/13/2015	5.78 (D)	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
8/9/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021	5.92	
6/1/2021	5.8	
8/12/2021	5.71	
2/14/2022	5.85	
8/31/2022	5.8	
10/25/2022	5.88	
11/16/2022	5.88	
2/28/2023	5.91	
8/3/2023	5.84	
3/4/2024	5.94	
8/8/2024	5.77	
2/26/2025		5.92

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	6.25	
2/1/2011	6.26	
3/23/2011	6.36	
4/27/2011	6.67	
10/26/2011	6.41	
5/1/2012	6.33	
11/8/2012	6.31	
5/7/2013	6.41	
11/5/2013	6.6	
5/23/2014	6.17	
11/7/2014	6.54 (D)	
5/21/2015	6.41	
11/12/2015	6.43 (D)	
4/7/2016	6.46	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021	6.59	
6/1/2021	6.46	
8/13/2021	6.33	
2/14/2022	6.6	
8/31/2022	6.53	
10/25/2022	6.48	
11/16/2022	6.51	
2/28/2023	6.52	
8/3/2023	6.42	
3/4/2024	6.49	
8/8/2024	6.34	
2/26/2025		6.5

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	6.91	
2/14/2011	6.73	
3/23/2011	6.88	
4/27/2011	6.63	
10/25/2011	6.87	
5/1/2012	6.76	
11/8/2012	6.72	
5/7/2013	6.79	
11/5/2013	7.11	
5/23/2014	6.6	
11/7/2014	6.91 (D)	
5/21/2015	6.77	
11/12/2015	6.81	
11/13/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021	6.78	
6/1/2021	6.78	
8/12/2021	6.86	
2/14/2022	6.93	
8/31/2022	6.91	
10/25/2022	6.81	
11/16/2022	6.83	
2/28/2023	6.87	
8/3/2023	6.84	
3/4/2024	6.86	
8/8/2024	6.72	
2/26/2025		6.85

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	6.68	
2/14/2011	6.88	
3/21/2011	6.58	
4/26/2011	6.21	
10/26/2011	6.98	
5/2/2012	6.8	
11/8/2012	6.88	
5/8/2013	6.97	
11/5/2013	6.81	
5/23/2014	6.58	
11/7/2014	6.99 (D)	
5/21/2015	6.79	
11/12/2015	7 (D)	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021	6.87	
8/12/2021	6.86	
2/14/2022	7.1	
8/30/2022	7.08	
10/25/2022	6.96	
11/16/2022	6.91	
3/1/2023	6.98	
8/3/2023	6.88	
3/4/2024	6.96	
8/9/2024	6.82	
2/26/2025		6.96

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	5.62	
2/15/2011	5.89	
3/22/2011	5.61	
4/27/2011	5.53	
10/26/2011	5.91	
5/2/2012	5.95	
11/8/2012	5.72	
5/8/2013	6.12	
11/4/2013	5.62	
5/24/2014	5.62	
5/22/2015	5.8 (D)	
11/13/2015	5.87 (D)	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021	6.3	
8/13/2021	6.18	
2/14/2022	6.29	
8/31/2022	6.21	
10/25/2022	6.21	
11/16/2022	6.14	
3/1/2023	6.11	
8/3/2023	5.94	
3/4/2024	6.52	
8/8/2024	6.14	
2/26/2025		6.54

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	5.68	
2/15/2011	6.06	
3/22/2011	5.61	
4/27/2011	5.52	
10/26/2011	5.99	
5/2/2012	6	
11/8/2012	5.6	
5/8/2013	5.89	
11/4/2013	5.51	
5/24/2014	5.66	
11/8/2014	5.94 (D)	
5/22/2015	5.79 (D)	
11/13/2015	5.92 (D)	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021	5.76	
8/13/2021	5.86	
2/14/2022	5.9	
8/31/2022	5.85	
10/25/2022	5.89	
11/16/2022	5.81	
3/1/2023	5.69	
5/2/2023	5.82	
8/3/2023	5.89	
3/4/2024	5.77	
8/8/2024	5.74	
2/26/2025		5.83

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	5.67	
2/15/2011	5.98	
3/22/2011	5.74	
4/27/2011	5.67	
10/26/2011	6	
5/2/2012	5.96	
11/8/2012	5.78	
5/8/2013	5.64	
11/4/2013	6	
5/24/2014	5.71	
11/7/2014	5.95 (D)	
5/22/2015	5.84 (D)	
5/25/2015	8.36 (O)	
11/13/2015	5.82 (D)	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021	5.99	
6/2/2021	5.87	
8/13/2021	5.92	
2/15/2022	6.02	
8/31/2022	5.91	
10/25/2022	5.94	
11/16/2022	5.87	
2/28/2023	5.86	
8/3/2023	5.86	
3/4/2024	5.85	
8/8/2024	5.91	
2/26/2025		6.23

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	6.52	
2/15/2011	6.42	
3/21/2011	6.41	
4/28/2011	6.4	
10/26/2011	6.81	
5/1/2012	6.74	
11/9/2012	6.77	
5/8/2013	6.6	
11/4/2013	6.9	
5/24/2014	6.5	
11/7/2014	6.75 (D)	
5/22/2015	6.65 (D)	
5/25/2015	7.63 (O)	
11/13/2015	6.77 (D)	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021	6.68	
6/2/2021	6.6	
8/17/2021	6.63	
2/14/2022	6.79	
8/31/2022	6.74	
10/25/2022	6.65	
11/16/2022	6.65	
3/1/2023	6.59	
8/3/2023	6.63	
3/4/2024	7.01	
8/8/2024	6.54	
2/26/2025		7.03

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	5.63	
2/14/2011	5.61	
3/21/2011	5.71	
4/27/2011	5.71	
10/26/2011	5.66	
5/1/2012	5.58	
11/9/2012	5.53	
5/8/2013	6.14	
11/4/2013	5.54	
5/24/2014	5.37	
11/7/2014	5.67 (D)	
5/20/2015	5.49	
11/13/2015	5.52 (D)	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022	5.64	
11/16/2022	5.65	
2/28/2023	5.66	
8/3/2023	5.56	
10/4/2023	5.63	
3/4/2024	5.9	
5/20/2024	5.61	
8/8/2024	5.58	
11/7/2024	5.73	
2/25/2025		5.68

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.813 (J)	
6/14/2016	1.1	
8/10/2016	0.9 (J)	
10/11/2016	0.99 (J)	
12/2/2016	0.99 (J)	
2/10/2017	1.4	
4/10/2017	1.6	
6/23/2017	1.8	
10/9/2017	2.5	
3/26/2018	2.3	
10/3/2018	1.9	
3/27/2019	0.81 (J)	
9/12/2019	1.3	
3/19/2020	0.92 (J)	
9/10/2020	1.3	
4/2/2021	0.99 (J)	
8/12/2021	1.8	
2/14/2022	1	
8/26/2022	2.7	
2/28/2023	2.7	
8/2/2023	1.4	
2/29/2024	2.8	
8/6/2024	1.7	
2/25/2025		2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	0.14 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/26/2017	<1	
10/9/2017	<1	
3/26/2018	<1	
10/3/2018	<1	
3/27/2019	<1	
9/12/2019	0.38 (J)	
3/19/2020	<1	
9/10/2020	<1	
4/2/2021	<1	
8/12/2021	<1	
2/15/2022	0.87 (J)	
8/26/2022	<1	
2/28/2023	1.7	
8/3/2023	<1	
3/4/2024	<1	
8/8/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160 (D)	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021	180	
8/12/2021	180	
2/14/2022	130	
8/31/2022	170	
2/28/2023	170	
8/3/2023	170	
3/4/2024	160	
8/8/2024	300 (o)	
11/7/2024	160	
2/26/2025		150

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	0.43 (J)	
8/9/2016	<1	
10/10/2016	<1	
12/2/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/23/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/27/2019	0.52 (J)	
9/12/2019	0.61 (J)	
3/19/2020	0.39 (J)	
9/11/2020	0.99 (J)	
4/5/2021	<1	
8/12/2021	1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023	1.7	
8/3/2023	0.49 (J)	
3/4/2024	0.64 (J)	
8/8/2024	<1	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.334 (J)	
6/14/2016	0.35 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/5/2018	<1	
3/27/2019	<1	
9/12/2019	0.4 (J)	
3/20/2020	0.58 (J)	
9/11/2020	0.39 (J)	
4/5/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023	1.6	
8/3/2023	<1	
3/4/2024	0.46 (J)	
8/8/2024	<1	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1 (D)	
8/10/2016	1.1	
10/14/2016	0.89 (J)	
12/19/2016	1.2	
2/13/2017	1.4	
4/7/2017	1.2	
6/22/2017	1.1	
10/10/2017	0.92 (J)	
3/23/2018	1.3	
10/3/2018	1.2	
3/27/2019	1.6	
9/12/2019	1.2	
3/19/2020	1.5	
9/11/2020	1.3	
4/5/2021	1.3	
8/12/2021	1	
2/14/2022	1.2	
8/31/2022	1.6	
2/28/2023	2.5	
8/3/2023	0.94 (J)	
3/4/2024	1.4	
8/8/2024	0.66 (J)	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	0.55 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/27/2019	0.56 (J)	
9/12/2019	0.77 (J)	
3/19/2020	0.56 (J)	
9/10/2020	0.42 (J)	
4/6/2021	<1	
8/12/2021	<1	
2/14/2022	0.85 (J)	
8/30/2022	0.76 (J)	
3/1/2023	1.2	
8/3/2023	0.46 (J)	
3/4/2024	0.66 (J)	
8/9/2024	<1	
2/26/2025		0.47 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	2.15	
6/15/2016	2.5	
8/10/2016	2.5	
10/11/2016	2.7	
12/5/2016	2.6	
2/13/2017	2.4	
4/10/2017	2.3	
6/23/2017	2.5	
10/10/2017	2.5	
3/26/2018	2.4	
10/4/2018	2.8	
3/28/2019	3.2	
9/12/2019	3.2	
3/19/2020	3.2	
9/10/2020	2.7	
4/6/2021	2.5	
8/13/2021	2.7	
2/14/2022	2.9	
8/31/2022	2.8	
3/1/2023	2.4	
8/3/2023	1.7	
3/4/2024	2.1	
8/8/2024	1.7	
2/26/2025		2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/13/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/28/2019	0.38 (J)	
9/12/2019	<1	
3/19/2020	<1	
9/10/2020	<1	
4/6/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	0.88 (J)	
3/1/2023	170 (o)	
8/3/2023	<1	
3/4/2024	<1	
8/8/2024	<1	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	0.5 (J)	
8/10/2016	<1	
10/13/2016	<1	
12/5/2016	<1	
2/13/2017	<1	
4/10/2017	<1	
6/23/2017	<1	
10/11/2017	<1	
3/26/2018	<1	
10/4/2018	<1	
3/27/2019	2.7	
9/12/2019	0.65 (J)	
3/19/2020	0.71 (J)	
9/11/2020	2.6	
4/5/2021	1.7	
8/13/2021	1.4	
2/15/2022	1.8	
8/31/2022	2.4	
2/28/2023	3.2	
8/3/2023	2.2	
3/4/2024	2.9	
8/8/2024	2.8	
2/26/2025		4.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8 (F1)	
10/13/2016	11	
12/5/2016	13	
2/13/2017	14	
4/11/2017	12	
6/24/2017	12	
10/11/2017	13	
3/26/2018	20	
10/4/2018	23	
3/28/2019		29
9/12/2019		34
3/19/2020		40
9/11/2020		39
4/5/2021		57 (F1)
8/17/2021		54
2/14/2022		56
8/31/2022		65
3/1/2023		70
8/3/2023		74
3/4/2024		90
8/8/2024		41
2/26/2025		94

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021	160	
8/13/2021	170	
2/14/2022	150	
8/31/2022	170	
2/28/2023	170	
8/3/2023	170	
3/4/2024	180	
8/8/2024	340 (o)	
11/7/2024	180	
2/25/2025		190

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	51	
6/14/2016	62	
8/10/2016	70	
10/11/2016	84	
12/2/2016	74	
2/10/2017	100	
4/10/2017	82	
6/23/2017	72	
10/9/2017	82	
3/26/2018	94	
10/3/2018	72	
3/27/2019	98	
9/12/2019	130	
3/19/2020	100	
9/10/2020	110	
4/2/2021	100	
8/12/2021	98	
2/14/2022	100	
8/26/2022	110	
2/28/2023	98	
8/2/2023	98	
2/29/2024	92	
8/6/2024	87	
2/25/2025		90

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	74	
6/14/2016	111	
8/9/2016	44	
10/11/2016	64	
12/5/2016	52	
2/10/2017	86	
4/7/2017	68	
6/26/2017	76	
10/9/2017	50	
3/26/2018	56	
10/3/2018	42	
3/27/2019	76	
9/12/2019	72	
3/19/2020	65	
9/10/2020	56	
4/2/2021	69	
8/12/2021	68	
2/15/2022	85	
8/26/2022	83	
2/28/2023	99	
8/3/2023	77	
3/4/2024	96	
8/8/2024	73	
2/25/2025		98

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	237	
6/14/2016	240	
8/9/2016	230	
10/10/2016	240	
12/2/2016	270	
2/9/2017	240	
4/7/2017	260	
6/22/2017	300	
10/10/2017	280	
3/22/2018	310	
10/3/2018	190	
3/27/2019	290	
9/12/2019	340	
3/19/2020	310	
9/11/2020	340	
4/2/2021	360	
8/12/2021	330	
2/14/2022	290	
11/16/2022	300	
2/28/2023	320	
8/3/2023	310	
3/4/2024	310	
8/8/2024	290	
2/26/2025		280

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	69	
6/14/2016	<25	
8/9/2016	40	
10/10/2016	34	
12/2/2016	50	
2/10/2017	60	
4/7/2017	70	
6/23/2017	42	
10/10/2017	34	
3/23/2018	52	
10/4/2018	48	
3/27/2019	66	
9/12/2019	97	
3/19/2020	51	
9/11/2020	51	
4/5/2021	46	
8/12/2021	55	
2/14/2022	68	
11/16/2022	55	
2/28/2023	64	
8/3/2023	63	
3/4/2024	66	
8/8/2024	67	
2/26/2025		68

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	89	
6/14/2016	55	
8/9/2016	90	
10/11/2016	86	
12/5/2016	74	
2/10/2017	100	
4/7/2017	92	
6/22/2017	64	
10/10/2017	68	
3/22/2018	92	
10/5/2018	90	
3/27/2019	94	
9/12/2019	88	
3/20/2020	99	
9/11/2020	110	
4/5/2021	63	
8/13/2021	110	
2/14/2022	94	
11/16/2022	94	
2/28/2023	120	
8/3/2023	100	
3/4/2024	99	
8/8/2024	100	
2/26/2025		100

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	100	
6/17/2016	69	
8/10/2016	110	
10/14/2016	100	
12/19/2016	100	
2/13/2017	80	
4/7/2017	86	
6/22/2017	72	
10/10/2017	70	
3/23/2018	86	
10/3/2018	88	
3/27/2019	100	
9/12/2019	110	
3/19/2020	97	
9/11/2020	120	
4/5/2021	99	
8/12/2021	100	
2/14/2022	100	
11/16/2022	100	
2/28/2023	110	
8/3/2023	100	
3/4/2024	100	
8/8/2024	94	
2/26/2025		100

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	114	
6/14/2016	56 (O)	
8/9/2016	100	
10/11/2016	110	
12/2/2016	94	
2/9/2017	100	
4/7/2017	100	
6/22/2017	110	
10/10/2017	100	
3/22/2018	100	
10/3/2018	96	
3/27/2019	120	
9/12/2019	120	
3/19/2020	110	
9/10/2020	130	
4/6/2021	110	
8/12/2021	120	
2/14/2022	110	
11/16/2022	110	
3/1/2023	120	
8/3/2023	130	
3/4/2024	110	
8/9/2024	110	
2/26/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	88	
6/15/2016	114	
8/10/2016	82	
10/11/2016	92	
12/5/2016	86	
2/13/2017	62	
4/10/2017	60	
6/23/2017	74	
10/10/2017	86	
3/26/2018	58	
10/4/2018	130	
3/28/2019	88	
9/12/2019	110	
3/19/2020	110	
9/10/2020	120	
4/6/2021	110	
8/13/2021	120	
2/14/2022	120	
11/16/2022	110	
3/1/2023	130	
8/3/2023	120	
3/4/2024	110	
8/8/2024	110	
2/26/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	79	
6/15/2016	79	
8/10/2016	72	
10/11/2016	76	
12/2/2016	60	
2/13/2017	58	
4/7/2017	68	
6/22/2017	16	
10/10/2017	44	
3/23/2018	96	
10/4/2018	110	
3/28/2019	65	
9/12/2019	89	
3/19/2020	64	
9/10/2020	82	
4/6/2021	49	
8/13/2021	72	
2/14/2022	79	
11/16/2022	76	
3/1/2023	290 (o)	
8/3/2023	77	
3/4/2024	68	
8/8/2024	76	
2/26/2025		77

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	88	
6/16/2016	74	
8/10/2016	66	
10/13/2016	72	
12/5/2016	70	
2/13/2017	12 (O)	
4/10/2017	80	
6/23/2017	66	
10/11/2017	56	
3/26/2018	72	
10/4/2018	96	
3/27/2019	76	
9/12/2019	110	
3/19/2020	66	
9/11/2020	87	
4/5/2021	66	
8/13/2021	92	
2/15/2022	67	
11/16/2022	89	
2/28/2023	84	
8/3/2023	82	
3/4/2024	86	
8/8/2024	84	
2/26/2025		88

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	103	
6/16/2016	117	
8/11/2016	94	
10/13/2016	110	
12/5/2016	130	
2/13/2017	92	
4/11/2017	120	
6/24/2017	120	
10/11/2017	120	
3/26/2018	98	
10/4/2018	190	
3/28/2019	140	
9/12/2019	160	
3/19/2020	160	
9/11/2020	170	
4/5/2021	170	
8/17/2021	180	
2/14/2022	150	
11/16/2022	180	
3/1/2023	190	
8/3/2023	200	
3/4/2024	200	
8/8/2024	210	
2/26/2025		220

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021	250	
8/13/2021	290	
2/14/2022	280	
11/16/2022	270	
2/28/2023	280	
8/3/2023	290	
3/4/2024	310	
8/8/2024	290	
2/25/2025		310

FIGURE I.

Appendix III Interwell Prediction Limits - Two-Step - Significant Result

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**2/25/2025**	**190**	**Yes**	**168**	**n/a**	**n/a**	**36.9**	**n/a**	**n/a**	**0.00007019**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:21 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-52	45	n/a	2/26/2025	27	No	168	n/a	n/a	0	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	14	n/a	2/26/2025	8.7	No	167	n/a	n/a	0	n/a	n/a	0.00007098	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-52	14	n/a	2/26/2025	8.6	No	167	n/a	n/a	0	n/a	n/a	0.00007098	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-29	7.11	5.45	2/26/2025	6.54	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-51	7.11	5.45	2/26/2025	6.23	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-52	7.11	5.45	2/26/2025	7.03	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-51	180	n/a	2/26/2025	4.1	No	168	n/a	n/a	36.9	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	2/26/2025	94	No	168	n/a	n/a	36.9	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**2/25/2025**	**190**	**Yes**	**168**	**n/a**	**n/a**	**36.9**	**n/a**	**n/a**	**0.00007019**	**NP Inter (normality) 1 of 2**

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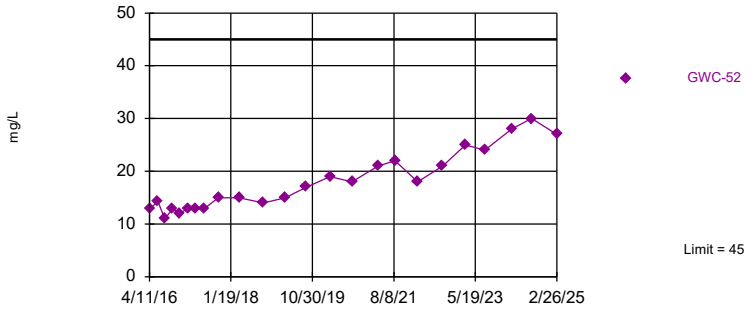
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 168 background values. Annual per-constituent alpha = 0.0007017. Individual comparison alpha = 0.00007019 (1 of 2). Assumes 4 future values.

Constituent: Calcium Analysis Run 4/24/2025 9:59 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

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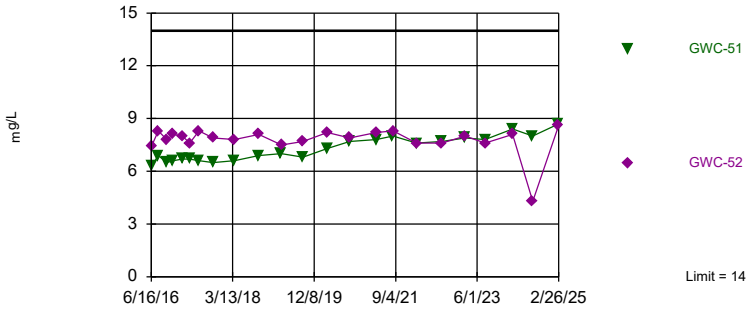
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 167 background values. Annual per-constituent alpha = 0.0007096. Individual comparison alpha = 0.00007098 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Chloride Analysis Run 4/24/2025 9:59 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

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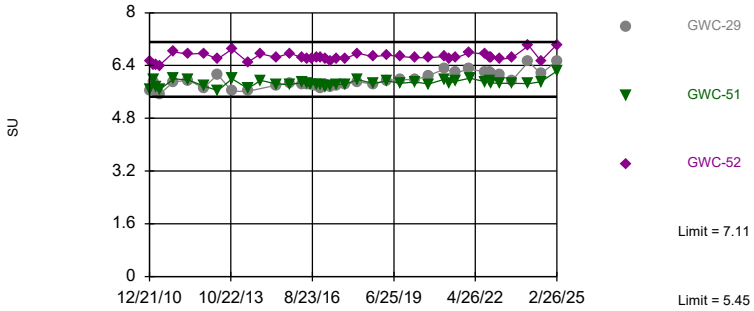
Within Limits

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 278 background values. Annual per-constituent alpha = 0.0009838. Individual comparison alpha = 0.0000984 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: pH, Field Analysis Run 4/24/2025 9:59 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

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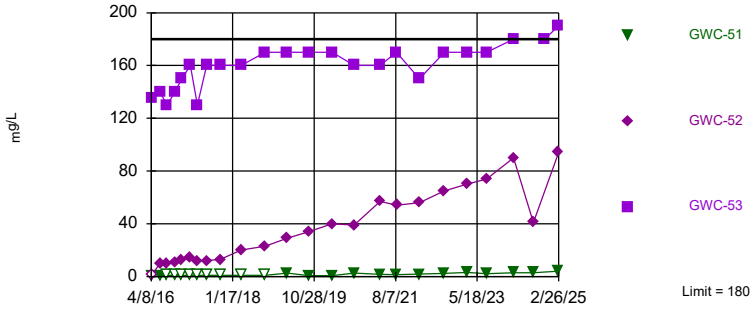
Hollow symbols indicate censored values.

Exceeds Limit: GWC-53

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 168 background values. 36.9% NDs. Annual per-constituent alpha = 0.0007017. Individual comparison alpha = 0.00007019 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Sulfate Analysis Run 4/24/2025 9:59 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-52
4/6/2016	9.27							
4/7/2016		6.57	38.4	15.3	12.6			
4/8/2016						10.7	8.6	
4/11/2016								12.8
6/14/2016	8.2	5.5	32.9	14.2		11.3	6.8	
6/16/2016								14.3
6/17/2016					12.4			
8/9/2016		4.6	29	13		9.6	6.2	
8/10/2016	6.9				11			
8/11/2016								11
10/10/2016		5.3	33					
10/11/2016	7.6			14		11	6.2	
10/13/2016								13
10/14/2016					13			
12/2/2016	7.4	5.1	33	13				
12/5/2016						10	5.5	12
12/19/2016					11			
2/9/2017			42	14				
2/10/2017	11	5.8				11	7.8	
2/13/2017					13			13
4/7/2017		5.2	35	14	12	10	7.3	
4/10/2017	9.7							
4/11/2017								13
6/22/2017			38	14	13	11		
6/23/2017	9.2	5.7						
6/24/2017								13
6/26/2017							6.8	
10/9/2017	9.4						5.8	
10/10/2017		5.8	40	15	13	11		
10/11/2017								15 (B)
3/22/2018			39	14		11		
3/23/2018		6.6			13			
3/26/2018	9.3						8.7	15
10/3/2018	7.8		41	14	12		6.1	
10/4/2018		5.4						14
10/5/2018						11		
3/27/2019	9.5	6.1	39	15	13	11	7.1	
3/28/2019								15
9/12/2019	8.8	5.7	36	14	13	12	6.1	17
3/19/2020	11	6.7	45	15	14		9.7	19
3/20/2020						12		
9/10/2020	8.2			14			5.9	
9/11/2020		5.5	30		12	11		18
4/2/2021	9.2		29				9	
4/5/2021		7			13	13		21
4/6/2021				16				
8/12/2021	7.2	6.1	26	14	12		6	
8/13/2021						11		
8/17/2021								22
2/14/2022	8	5.9	26	13	11	11		18
2/15/2022							9.6	
8/26/2022	6.8						7.8	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-52
8/30/2022				14				
8/31/2022		5.7	23		12	12		21
2/28/2023	8.1	6.6	23		13	13	11	
3/1/2023				15				25
8/2/2023	6.4							
8/3/2023		6.4	23	15	12	13	9.6	24
2/29/2024	6.7							
3/4/2024		6.8	25	14	13	15	11	28
8/6/2024	6							
8/8/2024		6.9	20		13	17	7.8	30
8/9/2024				16				
2/25/2025	5.8						11	
2/26/2025		6.1	26	14	12	14		27

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-45 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-51	GWC-52
4/6/2016	3.034								
4/7/2016		1.842	2.914	2.285	8.05				
4/8/2016						2.1	1.57		
4/11/2016								2.09 (O)	<0.25 (O)
6/14/2016	3.1		3.1	2.3	9.3 (D)	4.2	1.7		
6/16/2016								6.3	7.4
6/17/2016		1.9 (BD)							
8/9/2016			3.2	2.3	10	5	1.5		
8/10/2016	2.7	1.8						6.9	
8/11/2016									8.3
10/10/2016			3		10				
10/11/2016	2.7			2.1		3.8	1.6		
10/13/2016								6.5	7.8
10/14/2016		1.7							
12/2/2016	2.5		3	2	10				
12/5/2016						3.6	1.5	6.6	8.1
12/19/2016		2.7 (O)							
2/9/2017				2.1	9.4				
2/10/2017	3.4		2.7			2.2	1.5		
2/13/2017		1.8						6.7	8
4/7/2017		1.7	2.9	2	9.9	2.2	1.4		
4/10/2017	3.6							6.7	
4/11/2017									7.6
6/22/2017		1.7		2	9.7		1.4		
6/23/2017	3.2		3.3					6.6	
6/24/2017									8.3
6/26/2017						3.4			
10/9/2017	3.5					3.4			
10/10/2017		1.6	3.5	2	9.8		1.4		
10/11/2017								6.5	7.9
3/22/2018				1.9	9.7		1.3		
3/23/2018		1.6	3.6						
3/26/2018	3.8					1.9		6.6	7.8
10/3/2018	4	1.6		2	10	2.9			
10/4/2018			3.9					6.9	8.1
10/5/2018							1.4		
3/27/2019	2.9	1.5	3.7	1.9	9.6	2	1.2	7	
3/28/2019									7.5
9/12/2019	3.4	1.7	4.3	1.9	10	2.5	1.4	6.8	7.7
3/19/2020	3.9	1.9	4.5	2.2	9.9	2.2		7.3	8.2
3/20/2020							1.7 (F1)		
9/10/2020	3.7			2.1		2.5			
9/11/2020		1.8	4.7		12		1.6	7.7	7.9
4/2/2021	3.7				13	1.8			
4/5/2021		2	5.3				1.8	7.8	8.2
4/6/2021				2.1					
8/12/2021	4.1	1.8	5.5	2.2	13	2.7			
8/13/2021							1.8	8	
8/17/2021									8.3
2/14/2022	4	1.8	5	2	10		1.5		7.6
2/15/2022						1.8		7.6	
8/26/2022	3.6					2			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-45 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-51	GWC-52
8/30/2022				2.2					
8/31/2022		1.6	5.1		13		1.5	7.7	7.6
2/28/2023	3.6	1.8	5.2		13	1.8	1.7	7.9	
3/1/2023				2.1					8
8/2/2023	3.4								
8/3/2023		1.7	5.2	1.9	13	1.8	1.6	7.8	7.6
2/29/2024	3.7								
3/4/2024		1.8	5.4	2	14	1.8	1.8	8.4	8.1
8/6/2024	3.2								
8/8/2024		1.8	5.5		27 (o)	1.9	1.7	8	4.3 (J)
8/9/2024				2					
11/7/2024					13				
2/25/2025	3					1.8			
2/26/2025		2	5.8	2.1	12		1.8	8.7	8.6

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWC-52	GWA-21 (bg)	GWC-29	GWA-22 (bg)
12/20/2010	6.25	5.54	6.21						
12/21/2010				6.68	6.91	6.52			
12/22/2010							5.72	5.62	5.97
2/1/2011	6.26	5.55							
2/14/2011			6.17	6.88	6.73		6.01		6.37
2/15/2011						6.42		5.89	
3/21/2011		5.61	6.14	6.58		6.41			
3/22/2011							5.65	5.61	5.83
3/23/2011	6.36				6.88				
4/26/2011		5.6	5.91	6.21			5.67		5.87
4/27/2011	6.67				6.63			5.53	
4/28/2011						6.4			
10/25/2011					6.87				
10/26/2011	6.41		6.39	6.98		6.81		5.91	
10/27/2011		5.77					5.95		6.14
5/1/2012	6.33		6.32		6.76	6.74	5.88		6.2
5/2/2012		5.72		6.8				5.95	
11/8/2012	6.31	5.83	6.08	6.88	6.72		5.82	5.72	5.77
11/9/2012						6.77			
5/7/2013	6.41	5.94			6.79		5.48		5.94
5/8/2013			6.34	6.97		6.6		6.12	
11/4/2013		5.94	6.36			6.9	5.97	5.62	5.87
11/5/2013	6.6			6.81	7.11				
5/23/2014	6.17			6.58	6.6				
5/24/2014		5.45	5.94			6.5	5.52	5.62	5.83
11/7/2014	6.54 (D)	5.92 (D)	6.26 (D)	6.99 (D)	6.91 (D)	6.75 (D)			
11/8/2014							5.89 (D)		5.92 (D)
5/20/2015		5.8	6						
5/21/2015	6.41			6.79	6.77		5.64		5.97 (D)
5/22/2015						6.65 (D)		5.8 (D)	
5/25/2015						7.63 (O)			
11/12/2015	6.43 (D)			7 (D)	6.81				
11/13/2015		5.78 (D)	6.02 (D)		6.81	6.77 (D)	5.65 (D)	5.87 (D)	5.8 (D)
4/6/2016							6		
4/7/2016	6.46	6.83	6.48	6.85	6.74				
4/8/2016	6.45								6.12
4/11/2016						6.64		5.84	
6/14/2016	6.4	5.82	6.05	6.83			5.75		5.84
6/15/2016								5.82	
6/16/2016						6.6			
6/17/2016					6.78				
8/1/2016		5.78							
8/9/2016	6.43	5.78	6.05	6.77					5.75
8/10/2016					6.73		5.75	5.82	
8/11/2016						6.61			
10/10/2016		5.78	6.02						
10/11/2016	6.34			6.83			5.8	5.78	5.84
10/13/2016						6.64			
10/14/2016					6.7				
12/2/2016		5.71	5.95	6.79			5.78		
12/5/2016	6.46				6.71	6.63		5.72	5.7
2/9/2017			6.24	6.65					

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWC-52	GWA-21 (bg)	GWC-29	GWA-22 (bg)
2/10/2017	6.33	5.79					5.83		6.17
2/13/2017					6.56	6.59		5.81	
4/7/2017	6.38	5.93	5.95	6.75	6.62				5.99
4/10/2017							5.74	5.75	
4/11/2017						6.53			
6/22/2017	6.45		6.02	6.85	6.76				
6/23/2017		5.77					5.83	5.78	
6/26/2017						6.6	5.83		5.87
10/9/2017							5.61		5.52
10/10/2017	6.44	5.81	6	6.84	6.7			5.82	
10/11/2017						6.61			
3/22/2018	6.46		6.2	7					
3/23/2018		5.89			6.92				
3/26/2018						6.77	5.76	5.91	6.06
10/3/2018			6.03	6.93	6.81		5.78		5.83
10/4/2018		5.86				6.67		5.83	
10/5/2018	6.47								
3/27/2019	6.52	5.95	6.31	6.91	6.86		5.97		6.04
3/28/2019						6.71		5.95	
9/12/2019	6.49	5.83		6.82	6.78	6.68	5.83	5.98	5.87
9/13/2019			5.96						
3/19/2020	6.39	5.93	6.46	6.87	6.73	6.64	5.81	5.97	6.14
3/20/2020	6.39								
9/10/2020				6.91			5.83	6.09	5.78
9/11/2020	6.59	6.02	5.98		6.76	6.64			
4/2/2021			5.92				6.06		6.03
4/5/2021	6.59	5.92			6.78	6.68			
4/6/2021				6.87				6.3	
6/1/2021	6.46	5.8			6.78				
6/2/2021						6.6			
8/12/2021		5.71	5.92	6.86	6.86		5.88		5.91
8/13/2021	6.33							6.18	
8/17/2021						6.63			
2/14/2022	6.6	5.85	6.31	7.1	6.93	6.79	5.99	6.29	
2/15/2022									6.4
8/26/2022							5.73		5.86
8/30/2022				7.08					
8/31/2022	6.53	5.8	6.03		6.91	6.74		6.21	
10/25/2022	6.48	5.88	5.99	6.96	6.81	6.65		6.21	
11/16/2022	6.51	5.88	6.02	6.91	6.83	6.65		6.14	
2/28/2023	6.52	5.91	5.88		6.87		5.81		6.21
3/1/2023				6.98		6.59		6.11	
8/2/2023							5.86		
8/3/2023	6.42	5.84	5.93	6.88	6.84	6.63		5.94	6.03
2/29/2024							5.8		
3/4/2024	6.49	5.94	6.54	6.96	6.86	7.01		6.52	6.41
8/6/2024							5.76		
8/8/2024	6.34	5.77	5.9		6.72	6.54		6.14	5.93
8/9/2024				6.82					
11/7/2024			6.19						
2/25/2025							6.07		6.66
2/26/2025	6.5	5.92	6.85	6.96	6.85	7.03		6.54	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51
12/20/2010	
12/21/2010	
12/22/2010	5.67
2/1/2011	
2/14/2011	
2/15/2011	5.98
3/21/2011	
3/22/2011	5.74
3/23/2011	
4/26/2011	
4/27/2011	5.67
4/28/2011	
10/25/2011	
10/26/2011	6
10/27/2011	
5/1/2012	
5/2/2012	5.96
11/8/2012	5.78
11/9/2012	
5/7/2013	
5/8/2013	5.64
11/4/2013	6
11/5/2013	
5/23/2014	
5/24/2014	5.71
11/7/2014	5.95 (D)
11/8/2014	
5/20/2015	
5/21/2015	
5/22/2015	5.84 (D)
5/25/2015	8.36 (O)
11/12/2015	
11/13/2015	5.82 (D)
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	5.88
6/14/2016	
6/15/2016	
6/16/2016	5.85
6/17/2016	
8/1/2016	
8/9/2016	
8/10/2016	5.83
8/11/2016	
10/10/2016	
10/11/2016	
10/13/2016	5.84
10/14/2016	
12/2/2016	
12/5/2016	5.81
2/9/2017	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51
2/10/2017	
2/13/2017	5.76
4/7/2017	
4/10/2017	5.78
4/11/2017	
6/22/2017	
6/23/2017	5.82
6/26/2017	
10/9/2017	
10/10/2017	
10/11/2017	5.83
3/22/2018	
3/23/2018	
3/26/2018	5.98
10/3/2018	
10/4/2018	5.85
10/5/2018	
3/27/2019	5.94
3/28/2019	
9/12/2019	5.86
9/13/2019	
3/19/2020	5.9
3/20/2020	
9/10/2020	
9/11/2020	5.84
4/2/2021	
4/5/2021	5.99
4/6/2021	
6/1/2021	
6/2/2021	5.87
8/12/2021	
8/13/2021	5.92
8/17/2021	
2/14/2022	
2/15/2022	6.02
8/26/2022	
8/30/2022	
8/31/2022	5.91
10/25/2022	5.94
11/16/2022	5.87
2/28/2023	5.86
3/1/2023	
8/2/2023	
8/3/2023	5.86
2/29/2024	
3/4/2024	5.85
8/6/2024	
8/8/2024	5.91
8/9/2024	
11/7/2024	
2/25/2025	
2/26/2025	6.23

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-22 (bg)	GWC-53	GWA-47 (bg)	GWC-51
4/6/2016	0.813 (J)								
4/7/2016		1.522	0.594 (J)	107.095	0.507 (J)				
4/8/2016						<1	135.355	0.334 (J)	
4/11/2016									0.415 (J)
6/14/2016	1.1		0.43 (J)	160 (D)	0.55 (J)	0.14 (J)		0.35 (J)	
6/16/2016							140		0.5 (J)
6/17/2016		1.1 (D)							
8/9/2016			<1	130	<1	<1		<1	
8/10/2016	0.9 (J)	1.1							<1
8/11/2016							130		
10/10/2016			<1	140					
10/11/2016	0.99 (J)				<1	<1		<1	
10/13/2016							140		<1
10/14/2016		0.89 (J)							
12/2/2016	0.99 (J)		<1	150	<1				
12/5/2016						<1		<1	<1
12/6/2016							150		
12/19/2016		1.2							
2/9/2017				150	<1				
2/10/2017	1.4		<1			<1		<1	
2/13/2017		1.4					160		<1
4/7/2017		1.2	<1	140	<1	<1		<1	
4/10/2017	1.6								<1
4/11/2017							130		
6/22/2017		1.1		160	<1			<1	
6/23/2017	1.8		<1						<1
6/24/2017							160		
6/26/2017						<1			
10/9/2017	2.5					<1			
10/10/2017		0.92 (J)	<1	160	<1			<1	
10/11/2017							160		<1
3/22/2018				150	<1			<1	
3/23/2018		1.3	<1						
3/26/2018	2.3					<1	160		<1
10/3/2018	1.9	1.2		140	<1	<1			
10/4/2018			<1				170		<1
10/5/2018								<1	
3/27/2019	0.81 (J)	1.6	0.52 (J)	140	0.56 (J)	<1		<1	2.7
3/28/2019							170		
9/12/2019	1.3	1.2	0.61 (J)	170	0.77 (J)	0.38 (J)	170	0.4 (J)	0.65 (J)
3/19/2020	0.92 (J)	1.5	0.39 (J)	150	0.56 (J)	<1	170		0.71 (J)
3/20/2020								0.58 (J)	
9/10/2020	1.3				0.42 (J)	<1			
9/11/2020		1.3	0.99 (J)	170			160	0.39 (J)	2.6
4/2/2021	0.99 (J)			180		<1			
4/5/2021		1.3	<1					<1	1.7
4/6/2021					<1		160		
8/12/2021	1.8	1	1	180	<1	<1			
8/13/2021							170	<1	1.4
8/17/2021									
2/14/2022	1	1.2	<1	130	0.85 (J)		150	<1	
2/15/2022						0.87 (J)			1.8

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-22 (bg)	GWC-53	GWA-47 (bg)	GWC-51
8/26/2022	2.7					<1			
8/30/2022					0.76 (J)				
8/31/2022		1.6	1.1	170			170	1.1	2.4
2/28/2023	2.7	2.5	1.7	170		1.7	170	1.6	3.2
3/1/2023					1.2				
8/2/2023	1.4								
8/3/2023		0.94 (J)	0.49 (J)	170	0.46 (J)	<1	170	<1	2.2
2/29/2024	2.8								
3/4/2024		1.4	0.64 (J)	160	0.66 (J)	<1	180	0.46 (J)	2.9
8/6/2024	1.7								
8/8/2024		0.66 (J)	<1	300 (o)		<1	340 (o)	<1	2.8
8/9/2024					<1				
11/7/2024				160			180		
2/25/2025	2					<1	190		
2/26/2025		<1	<1	150	0.47 (J)			<1	4.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	<1
6/14/2016	
6/16/2016	10
6/17/2016	
8/9/2016	
8/10/2016	
8/11/2016	9.8 (F1)
10/10/2016	
10/11/2016	
10/13/2016	11
10/14/2016	
12/2/2016	
12/5/2016	13
12/6/2016	
12/19/2016	
2/9/2017	
2/10/2017	
2/13/2017	14
4/7/2017	
4/10/2017	
4/11/2017	12
6/22/2017	
6/23/2017	
6/24/2017	12
6/26/2017	
10/9/2017	
10/10/2017	
10/11/2017	13
3/22/2018	
3/23/2018	
3/26/2018	20
10/3/2018	
10/4/2018	23
10/5/2018	
3/27/2019	
3/28/2019	29
9/12/2019	34
3/19/2020	40
3/20/2020	
9/10/2020	
9/11/2020	39
4/2/2021	
4/5/2021	57 (F1)
4/6/2021	
8/12/2021	
8/13/2021	
8/17/2021	54
2/14/2022	56
2/15/2022	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52
8/26/2022	
8/30/2022	
8/31/2022	65
2/28/2023	
3/1/2023	70
8/2/2023	
8/3/2023	74
2/29/2024	
3/4/2024	90
8/6/2024	
8/8/2024	41
8/9/2024	
11/7/2024	
2/25/2025	
2/26/2025	94

FIGURE J.

Appendix III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.2988**	**-109**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-45 (bg)**	**-1.631**	**-117**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1416**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3706**	**164**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-52**	**1.8**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-22 (bg)**	**-0.2045**	**-156**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4508**	**157**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3387**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-51**	**0.2194**	**190**	**98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-46 (bg)**	**0.01451**	**2.802**	**2.58**	**Yes**	**41**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-47 (bg)**	**0.01024**	**2.757**	**2.58**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-49 (bg)**	**0.01325**	**224**	**214**	**Yes**	**39**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-29**	**0.04544**	**395**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-51**	**0.2469**	**166**	**105**	**Yes**	**24**	**37.5**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.538**	**242**	**105**	**Yes**	**24**	**4.167**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.434**	**177**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.2988**	**-109**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-22 (bg)	0.3442	96	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-45 (bg)**	**-1.631**	**-117**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1416**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3706**	**164**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-48 (bg)	0	9	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	36	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-52**	**1.8**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-21 (bg)	0.06937	74	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-22 (bg)**	**-0.2045**	**-156**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4508**	**157**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3387**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-47 (bg)	0.02114	71	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	15	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	0	-49	-105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWC-51**	**0.2194**	**190**	**98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-52	0	-1	-98	No	23	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-21 (bg)	0.009152	127	206	No	38	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-22 (bg)	0.009991	101	199	No	37	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-45 (bg)	-0.00963	-126	-223	No	40	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-46 (bg)**	**0.01451**	**2.802**	**2.58**	**Yes**	**41**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-47 (bg)**	**0.01024**	**2.757**	**2.58**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-48 (bg)	0.004852	1.148	2.58	No	41	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-49 (bg)**	**0.01325**	**224**	**214**	**Yes**	**39**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-29**	**0.04544**	**395**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-51	0.01022	216	223	No	40	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWC-52	0.0067	119	223	No	40	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1029	105	105	No	24	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	24	105	No	24	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	2.9	92	105	No	24	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	27	105	No	24	54.17	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	46	105	No	24	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0	2	105	No	24	4.167	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-35	-105	No	24	50	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWC-51**	**0.2469**	**166**	**105**	**Yes**	**24**	**37.5**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.538**	**242**	**105**	**Yes**	**24**	**4.167**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.434**	**177**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**

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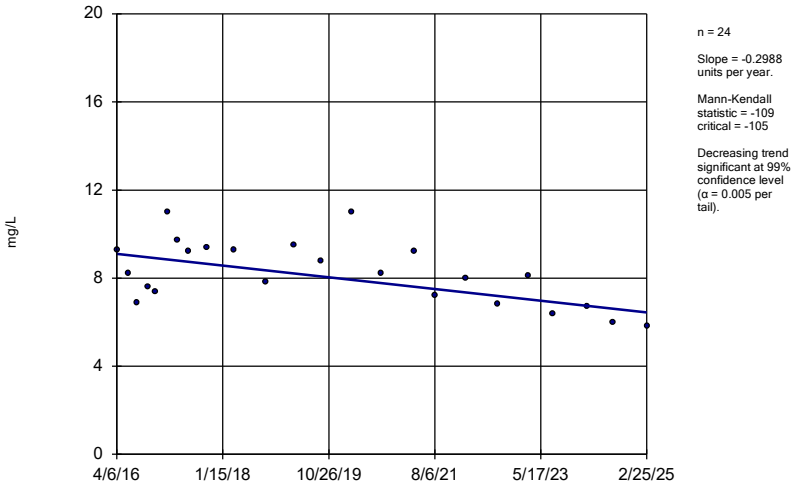
Sen's Slope Estimator

GWA-21 (bg)



n = 24

Slope = -0.2988 units per year.

Mann-Kendall statistic = -109 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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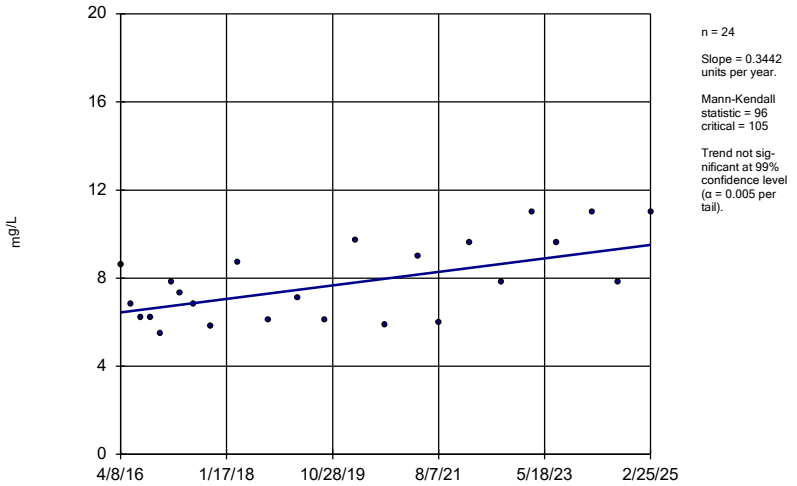
Sen's Slope Estimator

GWA-22 (bg)



n = 24

Slope = 0.3442 units per year.

Mann-Kendall statistic = 96 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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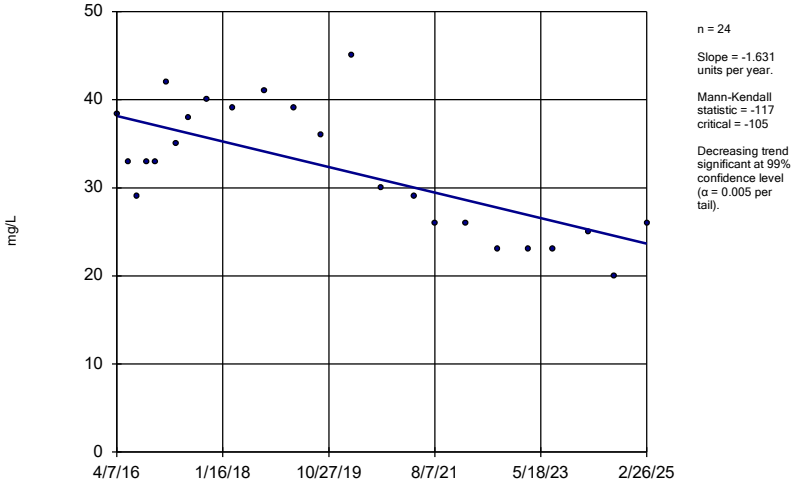
Sen's Slope Estimator

GWA-45 (bg)



n = 24

Slope = -1.631 units per year.

Mann-Kendall statistic = -117 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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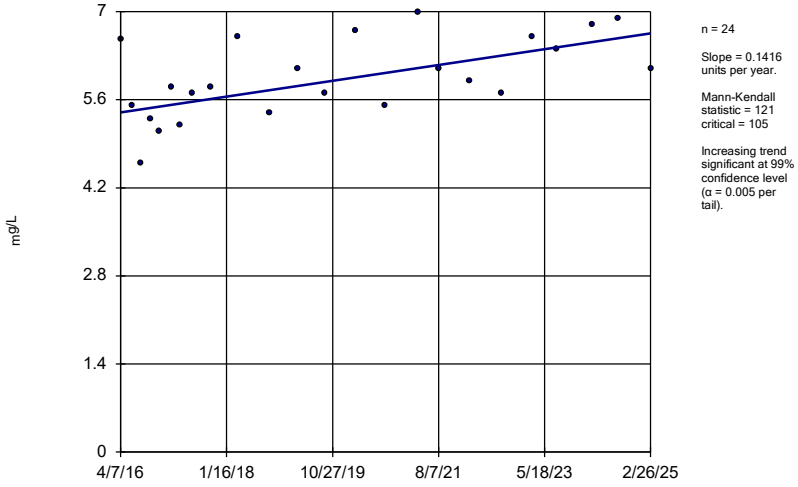
Sen's Slope Estimator

GWA-46 (bg)



n = 24

Slope = 0.1416 units per year.

Mann-Kendall statistic = 121 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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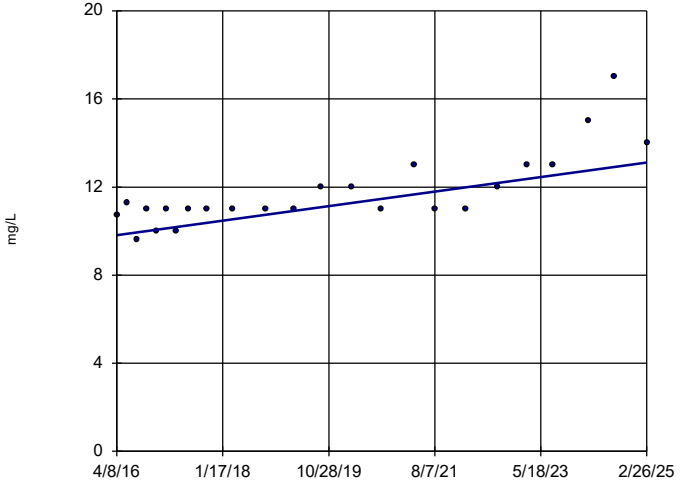
Sen's Slope Estimator

GWA-47 (bg)



n = 24

Slope = 0.3706 units per year.

Mann-Kendall statistic = 164
critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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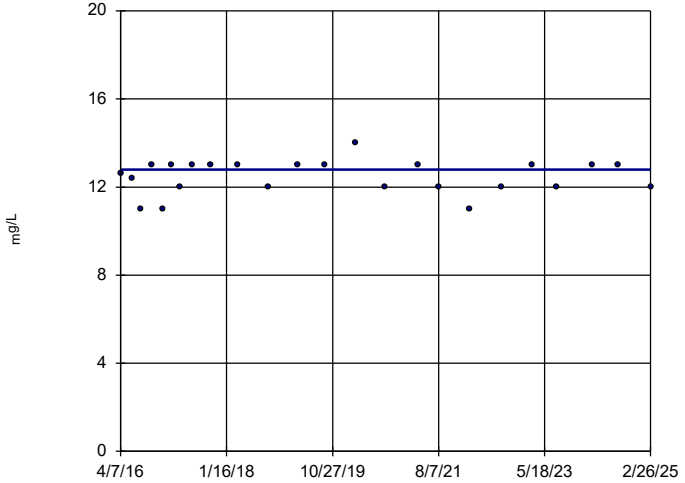
Sen's Slope Estimator

GWA-48 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 9
critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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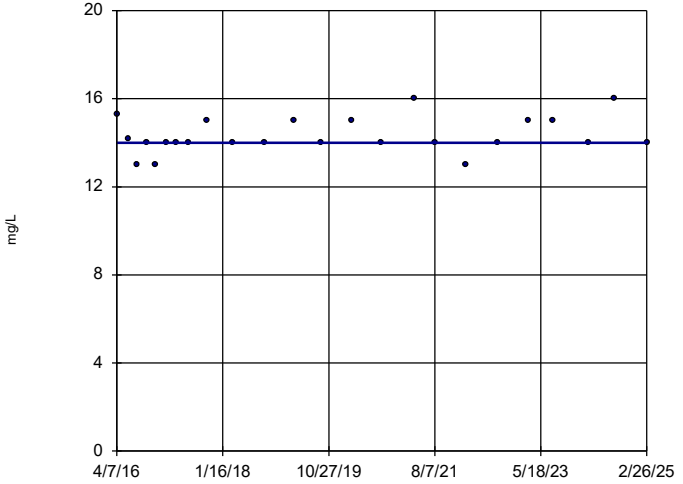
Sen's Slope Estimator

GWA-49 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 36
critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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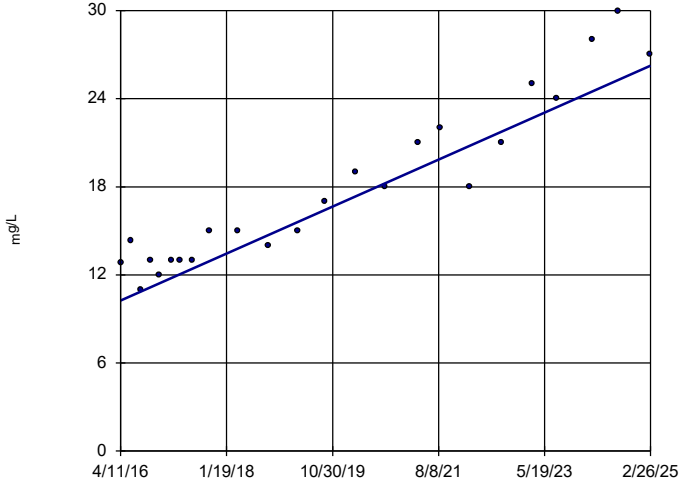
Sen's Slope Estimator

GWC-52



n = 24

Slope = 1.8 units per year.

Mann-Kendall statistic = 225
critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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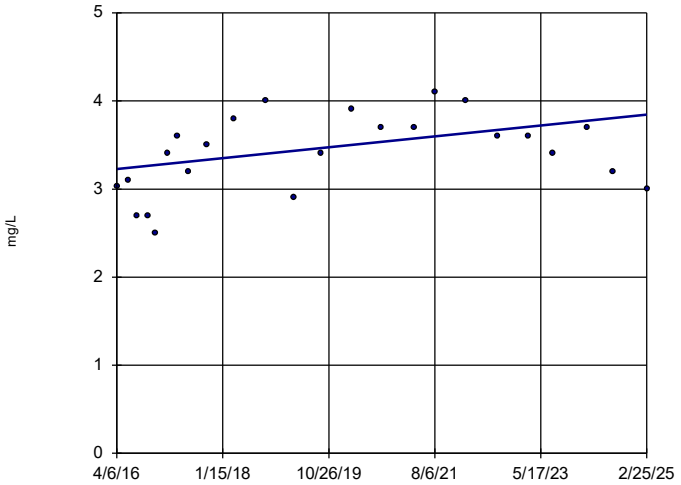
Sen's Slope Estimator

GWA-21 (bg)



n = 24

Slope = 0.06937 units per year.

Mann-Kendall statistic = 74 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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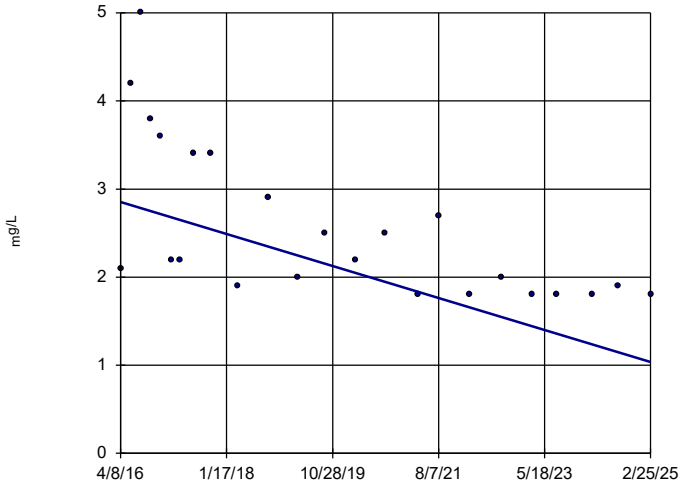
Sen's Slope Estimator

GWA-22 (bg)



n = 24

Slope = -0.2045 units per year.

Mann-Kendall statistic = -156 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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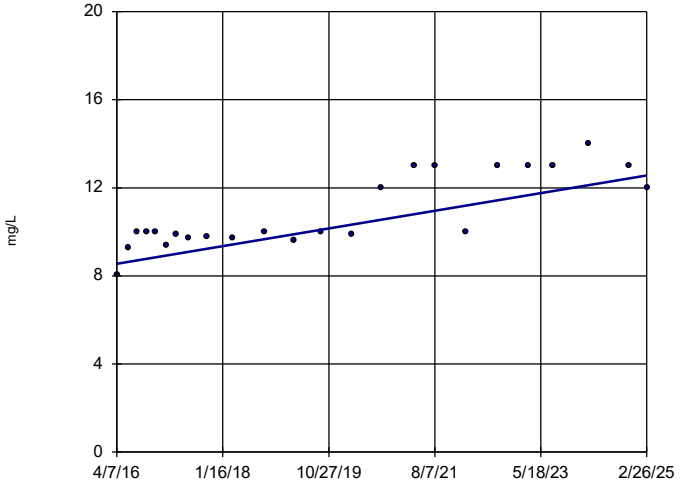
Sen's Slope Estimator

GWA-45 (bg)



n = 24

Slope = 0.4508 units per year.

Mann-Kendall statistic = 157 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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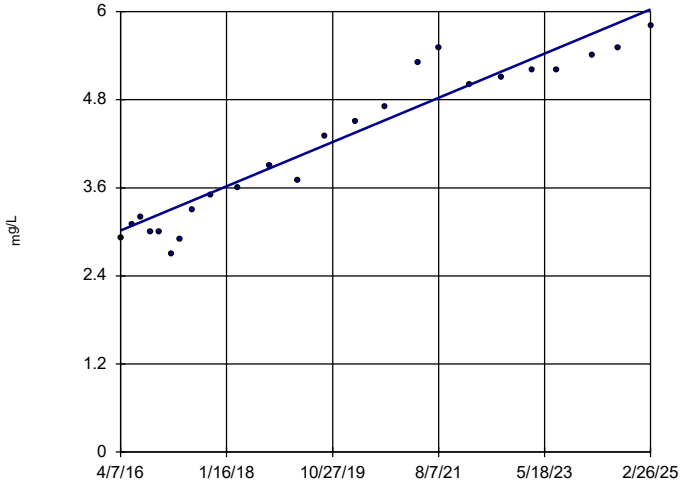
Sen's Slope Estimator

GWA-46 (bg)



n = 24

Slope = 0.3387 units per year.

Mann-Kendall statistic = 225 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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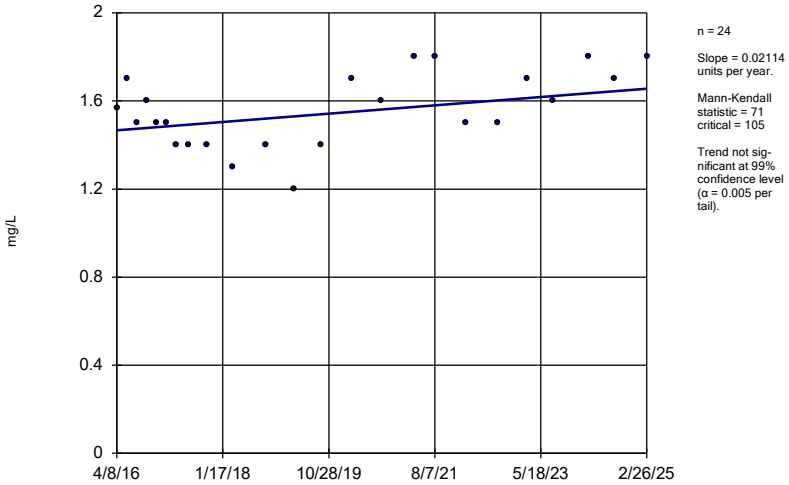
Sen's Slope Estimator

GWA-47 (bg)



n = 24

Slope = 0.02114 units per year.

Mann-Kendall statistic = 71 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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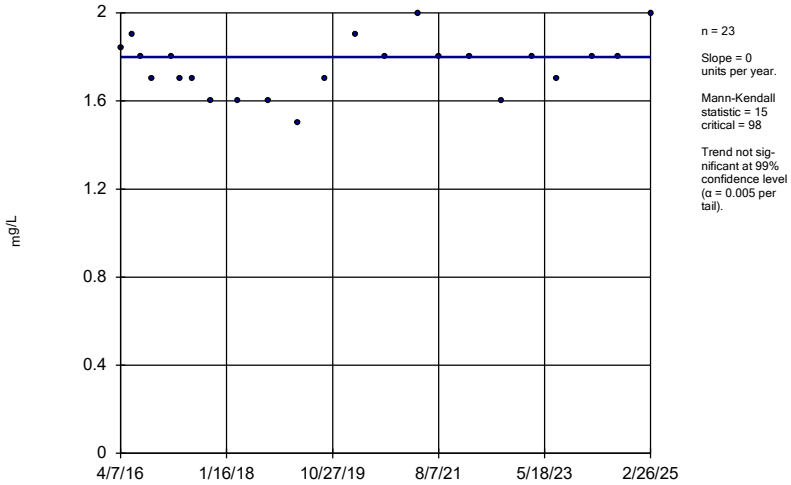
Sen's Slope Estimator

GWA-48 (bg)



n = 23

Slope = 0 units per year.

Mann-Kendall statistic = 15 critical = 98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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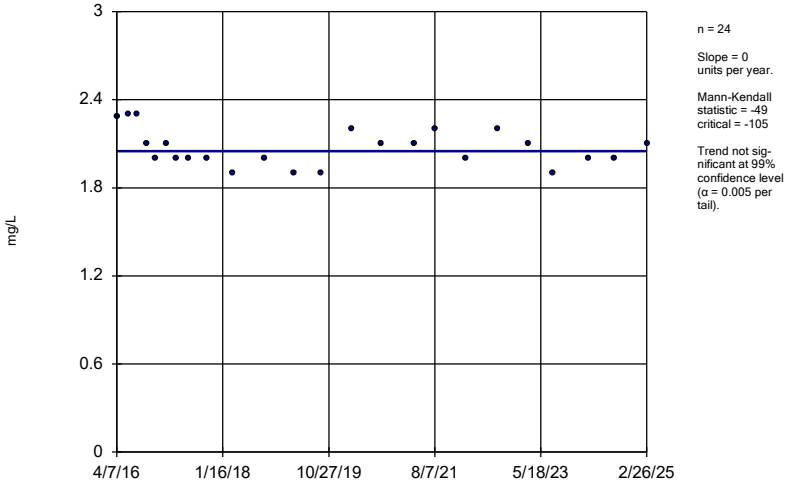
Sen's Slope Estimator

GWA-49 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -49 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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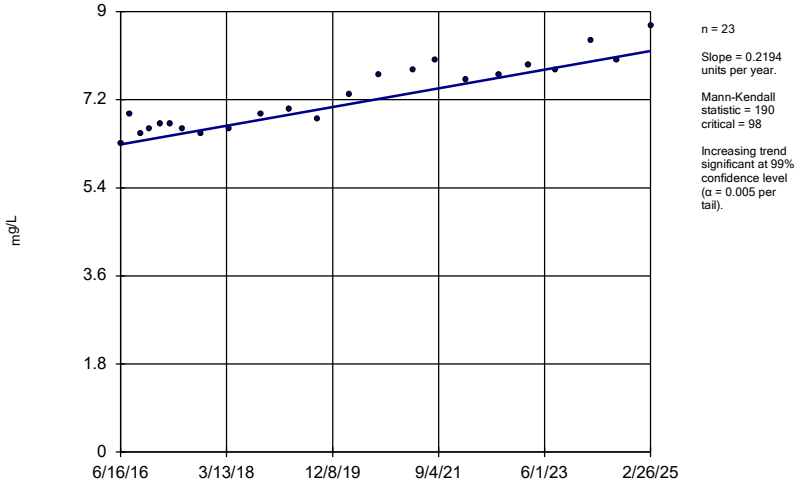
Sen's Slope Estimator

GWC-51



n = 23

Slope = 0.2194 units per year.

Mann-Kendall statistic = 190 critical = 98

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

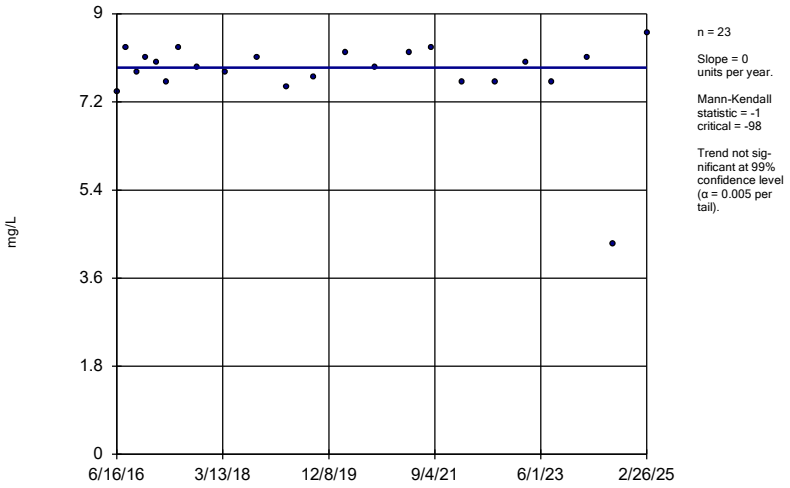
Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-52

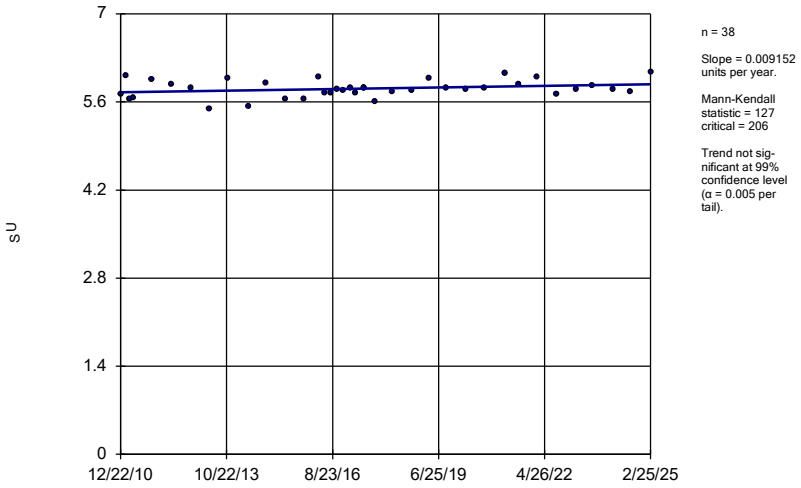


Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-21 (bg)

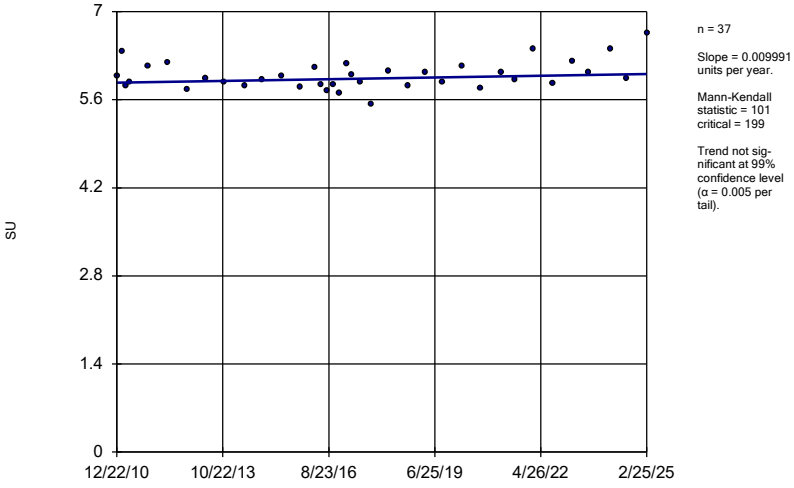


Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-22 (bg)

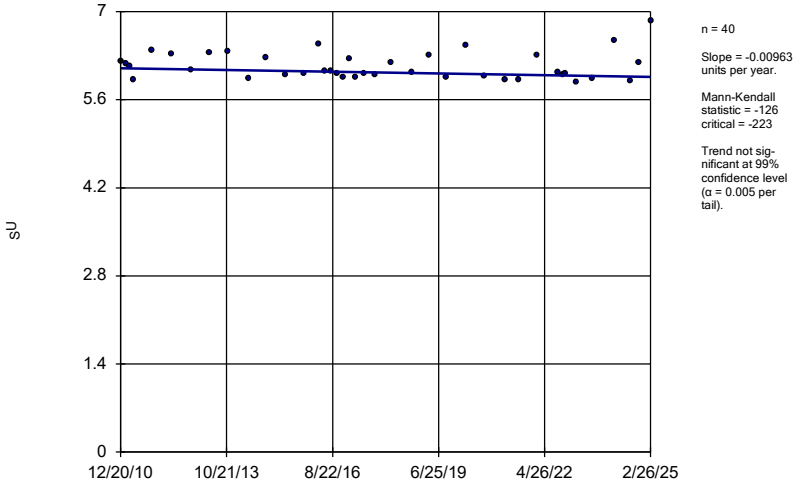


Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-45 (bg)

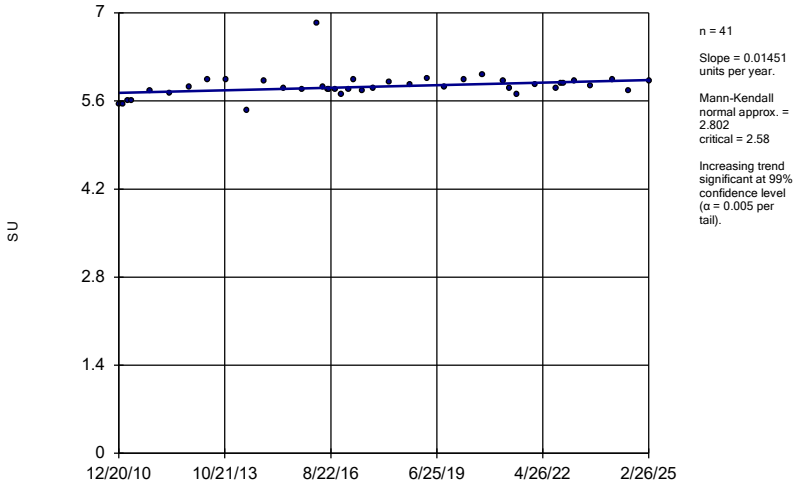


Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-46 (bg)



n = 41

Slope = 0.01451 units per year.

Mann-Kendall normal approx. = 2.802
critical = 2.58

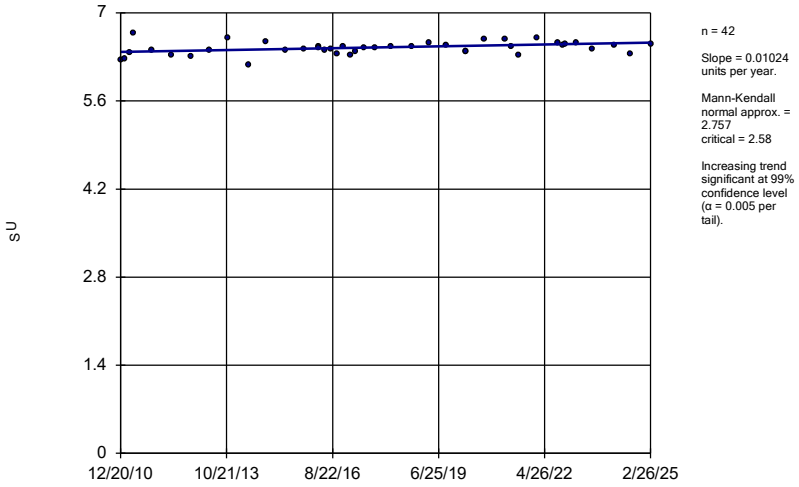
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-47 (bg)



n = 42

Slope = 0.01024 units per year.

Mann-Kendall normal approx. = 2.757
critical = 2.58

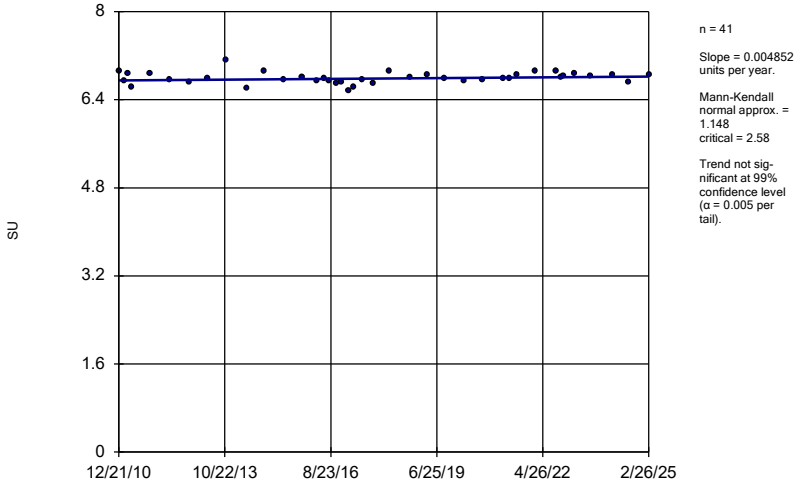
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-48 (bg)



n = 41

Slope = 0.004852 units per year.

Mann-Kendall normal approx. = 1.148
critical = 2.58

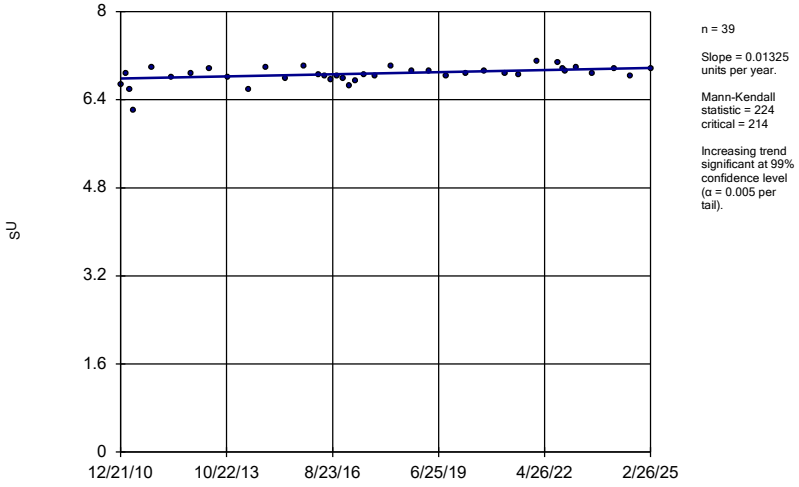
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-49 (bg)



n = 39

Slope = 0.01325 units per year.

Mann-Kendall statistic = 224
critical = 214

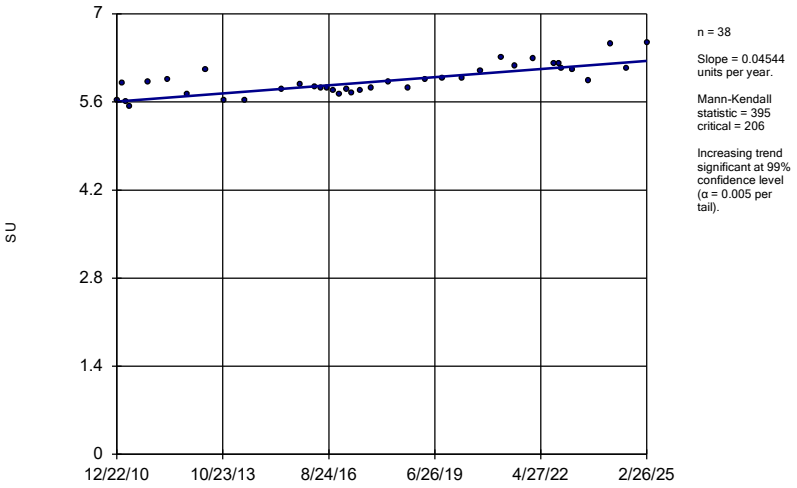
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-29



n = 38

Slope = 0.04544 units per year.

Mann-Kendall statistic = 395 critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

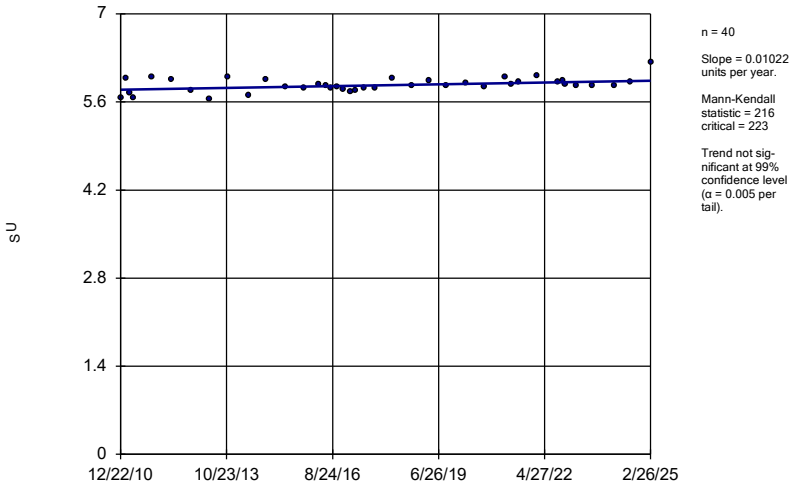
Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-51



n = 40

Slope = 0.01022 units per year.

Mann-Kendall statistic = 216 critical = 223

Trend not significant at 99% confidence level (α = 0.005 per tail).

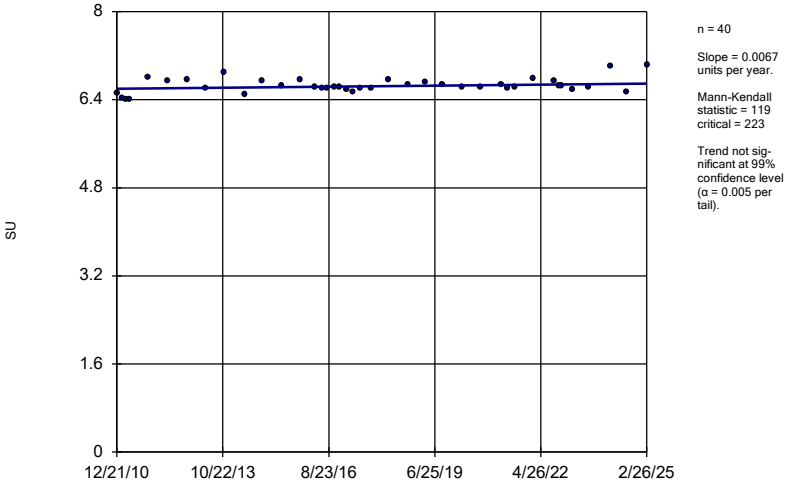
Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-52



n = 40

Slope = 0.0067 units per year.

Mann-Kendall statistic = 119 critical = 223

Trend not significant at 99% confidence level (α = 0.005 per tail).

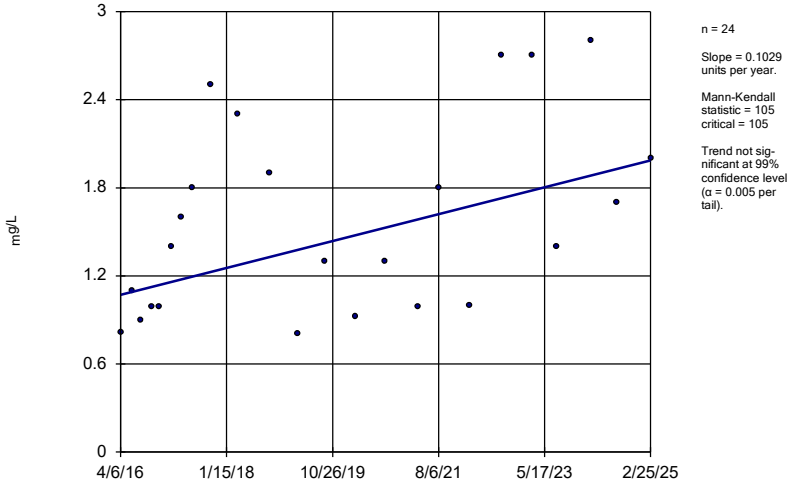
Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-21 (bg)



n = 24

Slope = 0.1029 units per year.

Mann-Kendall statistic = 105 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

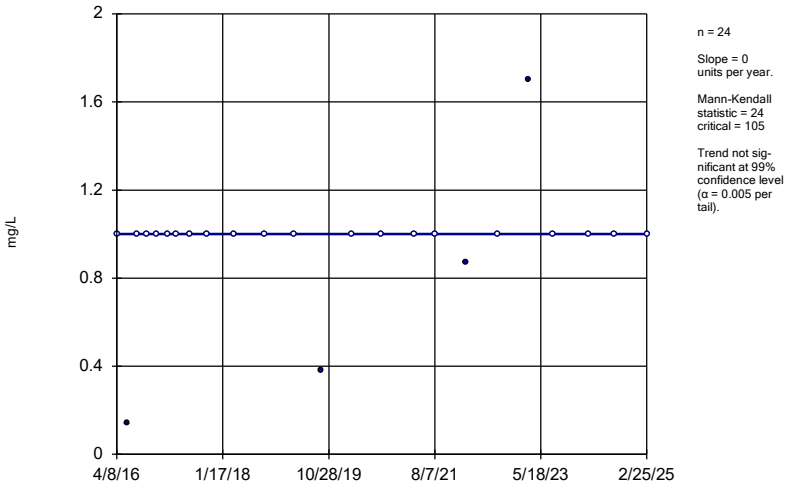
Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-22 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 24
critical = 105

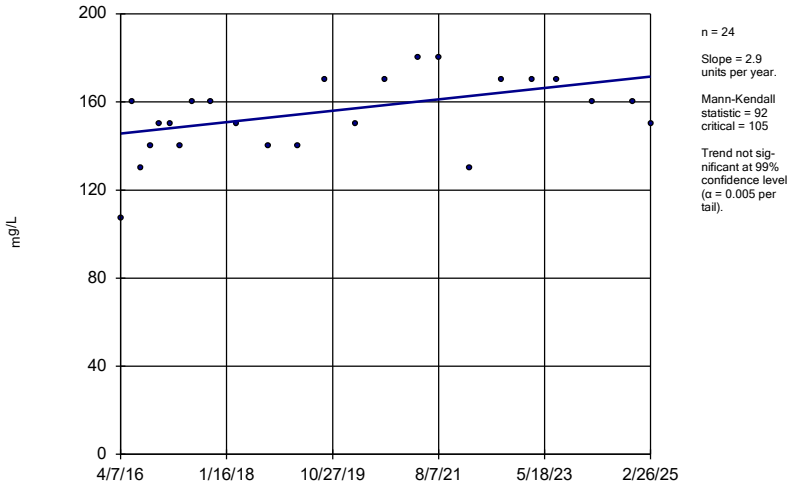
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-45 (bg)



n = 24

Slope = 2.9 units per year.

Mann-Kendall statistic = 92
critical = 105

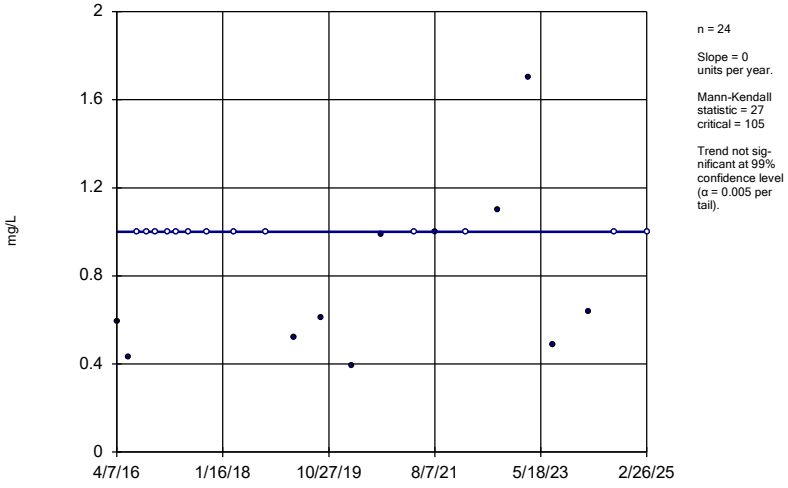
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-46 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 27
critical = 105

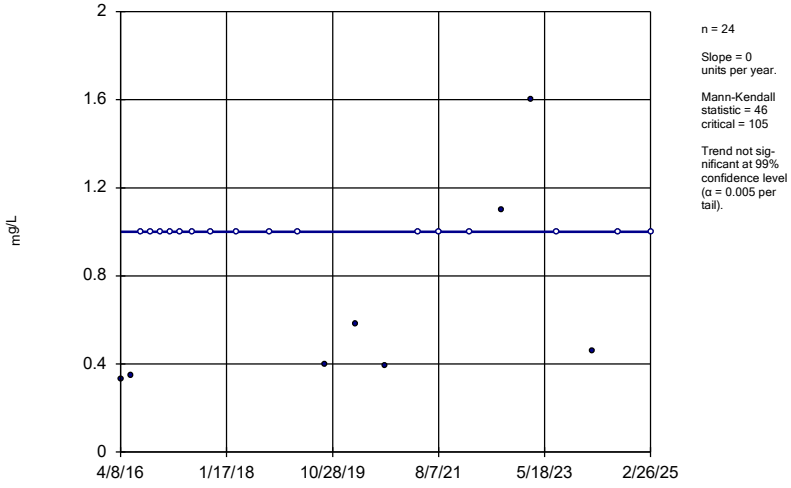
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-47 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 46
critical = 105

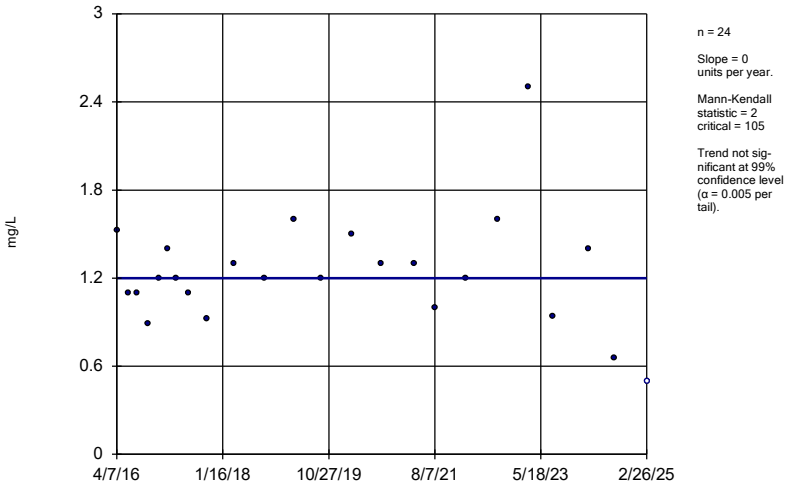
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-48 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 105

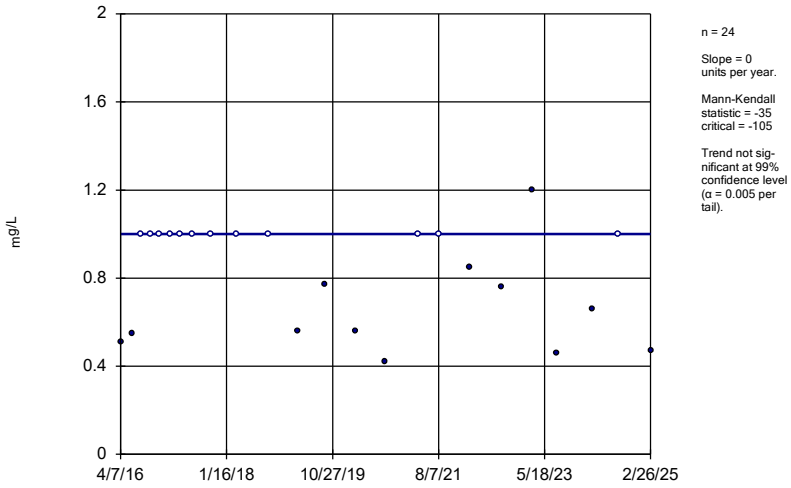
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-49 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -35 critical = -105

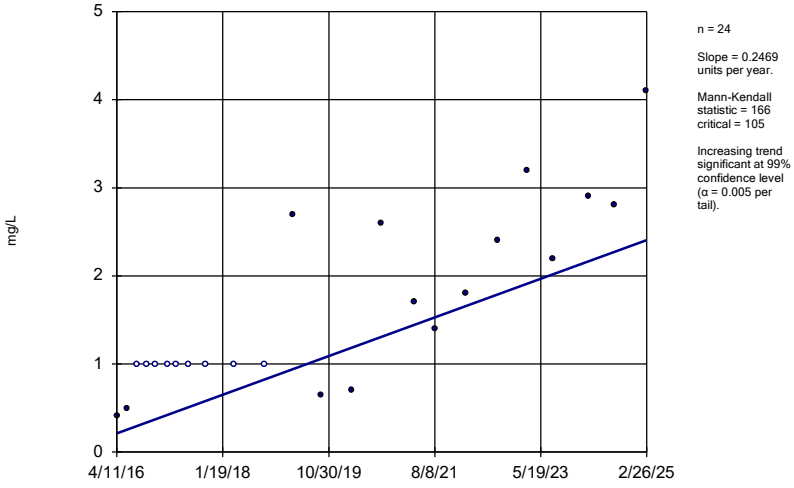
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-51



n = 24

Slope = 0.2469 units per year.

Mann-Kendall statistic = 166 critical = 105

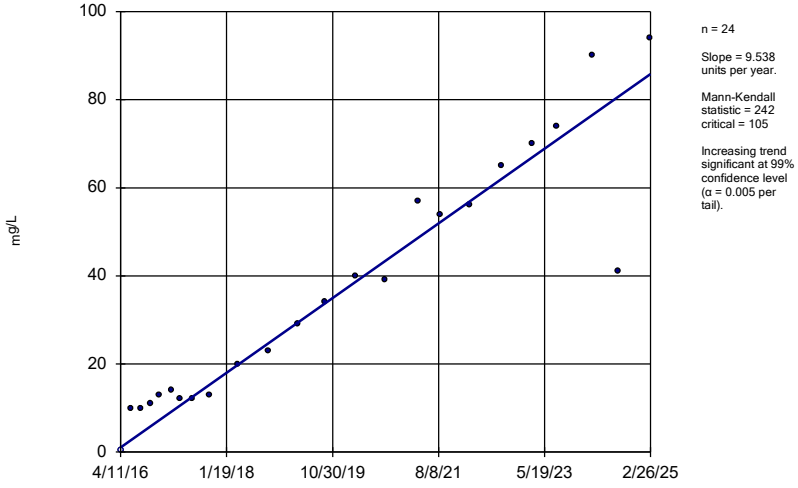
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-52



n = 24

Slope = 9.538 units per year.

Mann-Kendall statistic = 242 critical = 105

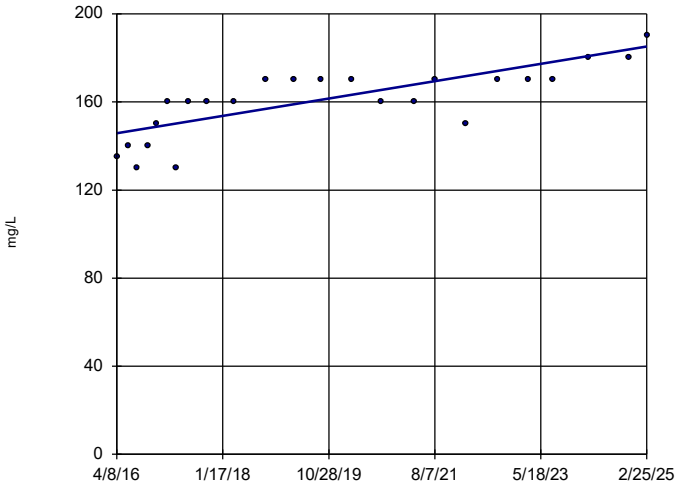
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-53



n = 24

Slope = 4.434 units per year.

Mann-Kendall statistic = 177 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

APPENDIX E

Statistical Analyses July-October 2025

GROUNDWATER STATS CONSULTING

January 30, 2026

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer Cell 1 Landfill
Statistical Analysis – July/August 2025

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2025 2nd Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer Cell 1 Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, EPD groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-15, GWA-16, and GWA-17
- **Downgradient wells:** GWC-1, GWC-2, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, and GWC-20

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician for Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The State and CCR program consist of the constituents listed below. The terms "parameters" and "constituents" are used interchangeably:

- **CCR Appendix III -** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I -** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Statistical analyses are not required when 100% non-detects are present in wells for a given constituent. A list of Appendix I well/constituent pairs containing 100% non-detects follows this letter. Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given constituent; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the case of fluoride, varying reporting limits were present in the historic record; however, the most recent reporting limit of 0.2 mg/L was substituted across all wells.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided with the background update described below to

demonstrate that the selected statistical methods for the constituents listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. It is assumed a minimum of 14 background samples for the state parameters and a minimum of 11 background samples for the federal parameters are available to provide adequate statistical power using a 1-of-2 resample plan. For any well/constituent pairs containing less than the minimum sample size requirements, the earlier portion of the record required truncation due to elevated concentrations compared to recently reported measurements which results in more conservative (i.e., lower) limits. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan (arsenic and silver)
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 16
- # Downgradient wells: 17

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 17

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after screening for any new outliers. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points is available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts to groundwater quality in downgradient wells. Intrawell methods use background data from individual wells and may be overly sensitive to variation. In particular, for nonparametric limits with small background sample sizes, the probability of a false positive result is higher than the desired annual sitewide rate of 10%. Therefore, exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine

"background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed SSI.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an apparent intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for CCR Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance

(ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening – Georgia EPD Appendix I – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Tests

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections for the following constituents:

arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing trends. However, the majority of these trends were relatively low in magnitude when compared to average concentrations; therefore, most records required no adjustments. The following well/constituent pairs did require adjustments to the records in order to remove increasing trends and use more recent data that resulted in statistical limits representative of current groundwater quality conditions: chromium in wells GWC-1 and GWC-10, and vanadium in well GWC-1. A summary of the background periods used for these well/constituent pairs was provided with the background update report. When an increasing trend in a downgradient well is removed by truncating the earlier portion of the record for a constituent analyzed by intrawell limits, it is assumed that the trend is not the result of the facility. This assumption is supported by a boxplot for all wells, by pre-waste data, or by an alternate source demonstration.

Selenium at well GWC-5 had elevated concentrations beginning in 2015, reportedly, due to surface infiltration from a leaking pipe that has since been fixed. Therefore, trend tests were recommended in lieu of prediction limits. While the trend test showed an increasing trend when the entire record of data was evaluated, an additional trend test which evaluated only the most recent 8 measurements was included and demonstrated that the more recent measurements resulted in a statistically significant decreasing trend. Prediction limits resumed when at least 8 measurements returned to background levels.

Several statistically significant decreasing trends were noted, but no records required adjustment during the screening. Vanadium at well GWC-8A has several more recent low-level reported concentrations similar to those reported during the earliest years of sampling. If these low-level concentrations continue, once a minimum of 8 new observations is available, the background data will likely be truncated to only use more recent data for construction of statistical limits.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells which included: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc. The ANOVA assists in identifying the most appropriate statistical approach. Based on the results of the background screening, intrawell tests were recommended for antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc, while interwell tests were recommended for arsenic and silver. A summary table of the ANOVA results and a discussion of the intrawell method eligibility was included with the screening.

Background Update Summaries – Georgia EPD Appendix I and CCR Appendix III

June 2021 & May 2023

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells. Both Tukey's outlier test and visual screening confirmed previously flagged outliers with the exception of low values for pH at upgradient well GWA-15, downgradient wells GWC-2, GWC-11, GWC-12, and GWC-14. These values were unflagged during the update as the measurements were representative of concentrations throughout the respective records. Elevated historic concentrations compared to present-day conditions, such as the highest respective values for copper in downgradient well GWC-8A, lead in downgradient well GWC-3, pH in well GWC-2, and TDS in downgradient well GWC-11, were flagged in order to maintain conservative (i.e., lower) statistical limits. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which includes all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through to the new compliance samples at each well. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was submitted with the background update. When the medians of the two

groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with each background update report.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results of the trend tests were submitted with the background update report.

April 2025

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test were used to evaluate data for suspected outliers in upgradient and downgradient wells through August/November 2024. Both Tukey's outlier test and visual screening confirmed previously flagged outliers with the exception of values for nickel at downgradient well GWC-8A. These values were unflagged during the update as the measurements were representative of concentrations throughout the record. Elevated historic observations compared to remaining concentrations, such as values for barium in downgradient well GWC-3, calcium in downgradient well GWC-5, chromium in downgradient wells GWC-8A and GWC-10, nickel in downgradient wells GWC-7, GWC-9, GWC-10, and GWC-14, and TDS in downgradient well GWC-8A were flagged in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which include all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through December 2022 to the new compliance samples at each well through August/November 2024. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not

performed. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets may be updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Barium: GWC-4, GWC-10, GWC-12, GWC-13, GWC-14, GWC-19, and GWC-20
- Calcium: GWA-16, GWA-17 (both upgradient), GWC-4, GWC-7, GWC-8A, GWC-9, GWC-14, GWC-19, and GWC-20
- Chloride: GWC-4, GWC-7, GWC-14, GWC-19, and GWC-20
- Chromium: GWA-16 (upgradient) and GWC-19
- Nickel: GWC-8A
- pH: GWA-17 (upgradient)
- Sulfate: GWC-3, GWC-4, GWC-7, GWC-9, and GWC-10
- TDS: GWC-4

Decrease:

- Boron: GWC-5
- Calcium: GWC-5
- Chloride: GWC-5
- Nickel: GWC-3, GWC-6, GWC-9, and GWC-13
- Selenium: GWC-4 and GWC-5
- Sulfate: GWC-5
- TDS: GWC-5
- Vanadium: GWC-4

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the following records were not updated with data through August/November 2024 in order to maintain statistical limits that are conservative from a regulatory perspective or an increasing trend is present among more recent data:

- Barium: GWC-4 and GWC-19
- Calcium: GWC-4, GWC-8A, and GWC-19
- Chloride: GWC-4
- Sulfate: GWC-3, GWC-4, and GWC-9
- TDS: GWC-4

The following records identified with statistically significant increasing trends were updated through August/November 2024 because the newer data were within or close to the range of earlier data and would have little to no impact on resulting statistical limits:

- Barium: GWC-10, GWC-12, GWC-13, GWC-14, and GWC-20
- Calcium: GWA-16, GWA-17 (both upgradient), GWC-7, GWC-9, GWC-14, and GWC-20
- Chloride: GWC-7, GWC-14, GWC-19, and GWC-20
- Chromium: GWA-16 (upgradient) and GWC-19
- Nickel: GWC-8A
- pH: GWA-17 (upgradient)
- Sulfate: GWC-7 and GWC-10

Although an increasing trend is present for chloride at well GWC-7 and sulfate at well GWC-10, the reported concentrations remain low with both well/constituent pairs resulting in intrawell prediction limits approximately 5 mg/L, which are significantly lower than the Maximum Concentration Limits (MCLs) of 250 mg/L for both constituents. These records will be re-evaluated during the next background update.

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data through August/November 2024 as all contained compliance data at or below existing observations in background or the respective reporting limits. Earlier portions of the record for calcium, selenium, sulfate, and TDS at well GWC-5 were further truncated to construct statistical limits representative of current conditions and are readily capable of detecting changes in groundwater quality. Although not identified by the Mann-Whitney test, concentrations prior to July 2017 for vanadium at downgradient well GWC-8A were significantly higher and more variable than more recent concentrations; therefore, the early portion of the record was truncated to use more recent and stable observations.

The Mann Whitney test did not identify significant differences in medians for lead; however, it was noted during a previous update that historical data prior to 2016 are variable and appear to represent a sampling or analysis error. Therefore, all historical data prior to 2016 for lead were truncated so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective.

A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter in the Date Range Table. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells at the 99% confidence level. As mentioned above, in the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend, thus reducing variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results were included with the update.

Prediction Limits - Appendix I & III Constituents – July/August 2025

Intrawell limits were used to evaluate all Appendix I and III constituents with the exception of arsenic and silver, which use interwell limits. In cases where intrawell analyses are recommended and downgradient average concentrations are higher than upgradient observed concentrations for a given constituent, the current assumption is that the higher upgradient concentrations are due to spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic, as well as the alternate source demonstrations prepared by WSP.

When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells (such as arsenic and silver), interwell prediction limits are initially selected for the statistical method until further evidence shows that concentrations are due to spatial variation rather than a result of the facility.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through August/November 2024, except for cases mentioned above, within each well with detections for Appendix I constituents (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc) and Appendix III constituents (boron, calcium, chloride, fluoride, pH, sulfate, and TDS) to evaluate the July/August 2025 observations (Figures D & E respectively). No statistical analyses were required for well/constituent pairs containing 100% non-detects.

Note that intrawell prediction limits changed slightly as a result of the most recent reporting limits for antimony, beryllium, cadmium, chromium, cobalt, fluoride, nickel, vanadium, and zinc.

In the event of a confirmed initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. The following initial exceedances were noted for the intrawell prediction limits:

Appendix I

- Barium: GWA-15 (upgradient), GWC-4, GWC-7, GWC-19, and GWC-20
- Chromium: GWA-16 (upgradient) and GWC-7
- Mercury: GWC-20
- Nickel: GWC-19
- Selenium: GWC-4
- Zinc: GWC-19

Appendix III

- Boron: GWC-19
- Calcium: GWC-4, GWC-7, GWC-19, and GWC-20
- Chloride: GWA-16, GWA-17 (both upgradient), GWC-4, GWC-7, GWC-19, and GWC-20
- pH (lower limit): GWC-19
- Sulfate: GWC-3, GWC-4, GWC-7, and GWC-19
- TDS: GWA-16 (upgradient), GWC-1, GWC-3, GWC-4, GWC-7, GWC-18, GWC-19, and GWC-20

Two-Step Approach

Following the two-step analysis procedure discussed above, interwell prediction limits were then constructed using pooled upgradient well data through July/August 2025 to evaluate the Appendix I and III apparent intrawell prediction limit exceedances (Figures F and G, respectively). The following statistical exceedances were noted for the interwell prediction limits:

Appendix I

- Barium: GWC-4
- Chromium: GWC-7
- Mercury: GWC-20
- Nickel: GWC-19
- Selenium: GWC-4
- Zinc: GWC-19

Appendix III

- Boron: GWC-19
- Calcium: GWC-4, GWC-7, GWC-19, and GWC-20
- Chloride: GWC-4, GWC-7, and GWC-19
- Sulfate: GWC-3, GWC-4, GWC-7, and GWC-19
- TDS: GWC-1, GWC-4, GWC-7, GWC-18, GWC-19, and GWC-20

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were then constructed using all pooled upgradient well data through July/August 2025 to develop background limits for arsenic and silver (Figure H). No statistical exceedances were noted for the interwell prediction limits.

Summary tables of the intrawell and interwell prediction limits follow this letter along with the complete graphical results. The interwell limits are updated during each analysis after screening for new outliers on the current upgradient well data, while the intrawell prediction limits are updated when a minimum of four new compliance observations is available.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure I). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site.

A summary of the trend tests follows this letter along with complete graphical results of the trend analysis. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWC-4, GWC-7, and GWC-19
- Calcium: GWA-17 (upgradient), GWC-4, GWC-7, GWC-19, and GWC-20
- Chloride: GWA-15 (upgradient), GWC-4, GWC-7, GWC-19, and GWC-20
- Chromium: GWA-16 and GWA-17 (both upgradient)
- pH: GWA-17 (upgradient)
- Sulfate: GWA-15 (upgradient), GWC-3, GWC-4, and GWC-7
- TDS: GWA-17 (upgradient), GWC-4, GWC-18, GWC-19, and GWC-20

Decreasing:

- Barium: GWA-17 (upgradient)
- Nickel: GWA-15 (upgradient)

Resample Reports – October 2025

Resamples were collected in October 2025 based on the results of the two-step approach for the following well/constituent pairs:

- Barium: GWC-4
- Boron: GWC-19
- Calcium: GWC-4, GWC-7, GWC-19, and GWC-20
- Chloride: GWC-4, GWC-7, and GWC-19
- Chromium: GWC-7
- Mercury: GWC-20
- Nickel: GWC-19
- Selenium: GWC-4
- Sulfate: GWC-4, GWC-7, and GWC-19
- TDS: GWC-1, GWC-4, GWC-7, GWC-18, GWC-19, and GWC-20
- Zinc: GWC-19

Additional resamples were collected for pH at wells GWC-1, GWC-4, GWC-7, GWC-18, GWC-19, and GWC-20.

Intrawell prediction limits were constructed using background data through August/November 2024 to compare the October 2025 resamples for Appendix I and III parameters (Figures J and K). Exceedances were identified for the following well/constituent pairs:

Appendix I

- Barium: GWC-4
- Chromium: GWC-7
- Selenium: GWC-4

Appendix III

- Calcium: GWC-4, GWC-7, GWC-19, and GWC-20
- Chloride: GWC-4 and GWC-7
- Sulfate: GWC-4 and GWC-7
- TDS: GWC-4 and GWC-7

In accordance with the two-step approach, interwell prediction limits were constructed to evaluate the apparent exceedances (Figures L and M). Exceedances were identified for the following well/constituent pairs:

Appendix I

- Barium: GWC-4
- Chromium: GWC-7
- Selenium: GWC-4

Appendix III:

- Calcium: GWC-4, GWC-7, GWC-19, and GWC-20
- Chloride: GWC-4 and GWC-7
- Sulfate: GWC-4 and GWC-7
- TDS: GWC-4 and GWC-7

Summary

Based on the results of the July/August 2025 observations and October 2025 resamples using intrawell prediction limits, interwell prediction limits, and the two-step interwell prediction limit approach, apparent intrawell prediction limit exceedances also exceeded the two-step interwell prediction limits for the following well/constituent pairs:

Appendix I

- Barium: GWC-4
- Chromium: GWC-7
- Selenium: GWC-4

Appendix III

- Calcium: GWC-4, GWC-7, GWC-19, and GWC-20
- Chloride: GWC-4 and GWC-7
- Sulfate: GWC-3, GWC-4, and GWC-7
- TDS: GWC-4 and GWC-7

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer Cell 1 Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Andrew T. Collins
Project Manager

Kristina L. Rayner
Senior Statistician

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Summary Tables

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Date Ranges

Date: 1/15/2026 11:55 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Barium (mg/L)
- GWC-4 background:5/11/2010-9/10/2020
- GWC-10 background:5/10/2010-8/6/2024
- GWC-13 background:5/9/2010-8/6/2024
- GWC-19 background:5/11/2010-10/2/2018

Boron (mg/L)
- GWC-5 background:3/27/2019-8/6/2024

Calcium (mg/L)
- GWC-4 background:4/12/2016-8/25/2022
- GWC-5 background:9/11/2019-8/6/2024
- GWC-8A background:4/19/2016-10/4/2018
- GWC-19 background:4/11/2016-9/9/2020

Chloride (mg/L)
- GWC-4 background:4/12/2016-8/25/2022
- GWC-5 background:10/3/2018-8/6/2024

Lead (mg/L)
- background:4/6/2016-11/7/2024

Selenium (mg/L)
- GWC-5 background:9/11/2019-8/6/2024

Sulfate (mg/L)
- GWC-3 background:4/12/2016-8/25/2022
- GWC-4 background:4/12/2016-9/10/2020
- GWC-5 background:9/11/2019-8/6/2024
- GWC-9 background:4/13/2016-8/25/2022
- GWC-10 background:4/13/2016-8/6/2024

TDS (mg/L)
- GWC-4 background:4/12/2016-8/25/2022
- GWC-5 background:9/11/2019-8/6/2024

Vanadium (mg/L)
- GWC-8A background:4/7/2017-8/6/2024

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100% Non-Detects: Appendix I Intrawell

Analysis Run 9/9/2025 2:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Antimony (mg/L)
GWA-15, GWA-17, GWC-1, GWC-5, GWC-6, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-14, GWC-20

Beryllium (mg/L)
GWA-15, GWA-16, GWC-1, GWC-2, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20

Cadmium (mg/L)
GWA-15, GWA-16, GWC-1, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-9, GWC-10, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20

Cobalt (mg/L)
GWC-13, GWC-14

Copper (mg/L)
GWA-15, GWC-5, GWC-12, GWC-19

Lead (mg/L)
GWA-15, GWC-12

Nickel (mg/L)
GWC-14

Selenium (mg/L)
GWC-13, GWC-20

Thallium (mg/L)
GWC-3, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-20

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**7/24/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**7/24/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-7**	**0.04317**	**n/a**	**7/24/2025**	**0.048**	**Yes**	**37**	**0.03318**	**0.004082**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**7/30/2025**	**0.022**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**7/28/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWA-16**	**0.008074**	**n/a**	**7/24/2025**	**0.0082**	**Yes**	**37**	**0.005088**	**0.00122**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**7/24/2025**	**0.023**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Mercury (mg/L)	**GWC-20**	**0.0002**	**n/a**	**7/28/2025**	**0.00059**	**Yes**	**37**	**n/a**	**n/a**	**83.78**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Nickel (mg/L)	**GWC-19**	**0.0017**	**n/a**	**7/30/2025**	**0.007**	**Yes**	**31**	**n/a**	**n/a**	**70.97**	**n/a**	**n/a**	**0.001905**	**NP Intra (NDs) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**7/24/2025**	**0.009**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	**GWC-19**	**0.0059**	**n/a**	**7/30/2025**	**0.014**	**Yes**	**31**	**n/a**	**n/a**	**96.77**	**n/a**	**n/a**	**0.001905**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-16	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-2	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-3	0.005	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-4	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**7/24/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	GWA-16	0.039	n/a	7/24/2025	0.032	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-17	0.04875	n/a	7/24/2025	0.031	No	37	-3.429	0.1667	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-1	0.05681	n/a	7/25/2025	0.051	No	37	0.04696	0.004028	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-2	0.05389	n/a	7/31/2025	0.045	No	37	0.002099	0.0003289	0	None	x^2	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-3	0.02471	n/a	7/25/2025	0.022	No	35	0.01677	0.003227	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**7/24/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-5	0.1172	n/a	7/25/2025	0.036	No	37	0.3341	0.06345	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.06535	n/a	7/31/2025	0.052	No	37	0.05372	0.004755	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-7**	**0.04317**	**n/a**	**7/24/2025**	**0.048**	**Yes**	**37**	**0.03318**	**0.004082**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-8A	0.1078	n/a	7/31/2025	0.037	No	37	0.2026	0.05142	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.03685	n/a	7/31/2025	0.031	No	37	0.02382	0.005327	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.0407	n/a	8/1/2025	0.033	No	38	0.02835	0.00506	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.02037	n/a	7/30/2025	0.018	No	37	0.01684	0.001445	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.02084	n/a	7/30/2025	0.019	No	37	0.01643	0.001804	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-13	0.04946	n/a	7/30/2025	0.037	No	37	0.1802	0.01727	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-14	0.01266	n/a	7/31/2025	0.011	No	35	0.009908	0.001119	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04098	n/a	7/28/2025	0.036	No	37	0.03533	0.00231	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**7/30/2025**	**0.022**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**7/28/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Beryllium (mg/L)	GWA-17	0.0021	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-3	0.001	n/a	7/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-4	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-5	0.001	n/a	7/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-6	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-8A	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-17	0.0007	n/a	7/24/2025	0.0007ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-2	0.0007	n/a	7/31/2025	0.0007ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8A	0.0016	n/a	7/31/2025	0.0007ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11	0.001	n/a	7/30/2025	0.0007ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-15	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	**GWA-16**	**0.008074**	**n/a**	**7/24/2025**	**0.0082**	**Yes**	**37**	**0.005088**	**0.00122**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	GWA-17	0.01148	n/a	7/24/2025	0.0085	No	37	0.007284	0.001716	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-1	0.01814	n/a	7/25/2025	0.013	No	37	0.0001616	0.00006843	0	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-2	0.01387	n/a	7/31/2025	0.01	No	37	0.0001026	0.00003666	2.703	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-3	0.01995	n/a	7/25/2025	0.019	No	36	-4.643	0.2968	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-4	0.009955	n/a	7/24/2025	0.0025ND	No	37	0.005713	0.001734	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-5	0.01053	n/a	7/25/2025	0.0057	No	37	0.06791	0.01419	2.703	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-6	0.01054	n/a	7/31/2025	0.0056	No	37	-5.311	0.3102	2.703	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**7/24/2025**	**0.023**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Chromium (mg/L)	GWC-8A	0.023	n/a	7/31/2025	0.005ND	No	35	n/a	n/a	51.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.01267	n/a	7/31/2025	0.0083	No	37	0.007694	0.002034	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-10	0.02502	n/a	8/1/2025	0.015	No	37	0.01568	0.003816	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-11	0.012	n/a	7/30/2025	0.0087	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-13	0.008363	n/a	7/30/2025	0.0053	No	36	0.004964	0.001385	0	None	No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-14	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.02	n/a	7/28/2025	0.015	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-19	0.01723	n/a	7/30/2025	0.014	No	37	0.00998	0.002962	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-20	0.01377	n/a	7/28/2025	0.0098	No	37	0.0945	0.00934	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Cobalt (mg/L)	GWA-15	0.0029	n/a	7/24/2025	0.0016J	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-16	0.005	n/a	7/24/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-17	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-1	0.005	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-2	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-3	0.005	n/a	7/25/2025	0.005ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-4	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8A	0.0046	n/a	7/31/2025	0.0025J	No	34	n/a	n/a	38.24	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	8/1/2025	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-19	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.005	n/a	7/28/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	7/24/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	7/24/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	7/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	7/31/2025	0.002ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	7/25/2025	0.002ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	7/24/2025	0.002ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	7/31/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	7/24/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.1	n/a	7/31/2025	0.002ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	7/31/2025	0.00069J	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0053	n/a	8/1/2025	0.0007J	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	7/30/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	7/30/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	7/31/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	7/28/2025	0.00097J	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	7/28/2025	0.002ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-16	0.001	n/a	7/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-17	0.001	n/a	7/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-1	0.001	n/a	7/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.001	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-3	0.001	n/a	7/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-4	0.001	n/a	7/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	7/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.001	n/a	7/24/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8A	0.0012	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.001	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	8/1/2025	0.001ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.0017	n/a	7/30/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	7/30/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14	0.001	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.0015	n/a	7/30/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWA-15	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	7/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	7/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	7/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	8/1/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	7/30/2025	0.00017J	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0002	n/a	7/30/2025	0.00018J	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	7/30/2025	0.00017J	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	7/28/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	7/30/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	**GWC-20**	**0.0002**	**n/a**	**7/28/2025**	**0.00059**	**Yes**	**37**	**n/a**	**n/a**	**83.78**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Nickel (mg/L)	GWA-15	0.00202	n/a	7/24/2025	0.00076J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.005	n/a	7/24/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	7/24/2025	0.00059J	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0071	n/a	7/25/2025	0.005ND	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0038	n/a	7/31/2025	0.0016J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	7/25/2025	0.0015J	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	7/24/2025	0.0022J	No	32	n/a	n/a	59.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	7/25/2025	0.00048J	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	7/31/2025	0.00053J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.005	n/a	7/24/2025	0.005ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.01118	n/a	7/31/2025	0.0043J	No	34	0.1514	0.02922	32.35	Kaplan-Meier	x^(1/3)	0.0001937	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	7/31/2025	0.00072J	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.0048	n/a	8/1/2025	0.0032J	No	34	n/a	n/a	55.88	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0025	n/a	7/30/2025	0.00085J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0011	n/a	7/30/2025	0.00096J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.005	n/a	7/30/2025	0.005ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	**GWC-19**	**0.0017**	**n/a**	**7/30/2025**	**0.007**	**Yes**	**31**	**n/a**	**n/a**	**70.97**	**n/a**	**n/a**	**0.001905**	**NP Intra (NDs) 1 of 2**
Nickel (mg/L)	GWC-20	0.003	n/a	7/28/2025	0.0006J	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-15	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-16	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-17	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.0053	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-2	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-3	0.005	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**7/24/2025**	**0.009**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Selenium (mg/L)	GWC-5	0.01744	n/a	7/25/2025	0.0025ND	No	11	0.005791	0.003494	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	GWC-6	0.007	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-7	0.0053	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8A	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0065	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	8/1/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0052	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-19	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-15	0.001	n/a	7/24/2025	0.00081J	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-16	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-17	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-1	0.001	n/a	7/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-2	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-4	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-5	0.001	n/a	7/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-8A	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	7/30/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.005	n/a	7/24/2025	0.005ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01172	n/a	7/24/2025	0.0079	No	32	0.007333	0.00176	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.008446	n/a	7/24/2025	0.0058	No	32	0.004701	0.001504	12.5	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.0233	n/a	7/25/2025	0.017	No	32	0.0002708	0.0001093	0	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.01924	n/a	7/31/2025	0.014	No	32	0.0001998	0.00006842	3.125	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01043	n/a	7/25/2025	0.0055	No	31	0.00653	0.001561	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01171	n/a	7/24/2025	0.0043J	No	32	0.007233	0.0018	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006452	n/a	7/25/2025	0.0026J	No	32	0.05266	0.01111	18.75	Kaplan-Meier	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01316	n/a	7/31/2025	0.0086	No	32	0.009105	0.00163	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01634	n/a	7/24/2025	0.011	No	32	0.000002319	8.2e-7	0	None	x^3	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.005	n/a	7/31/2025	0.005ND	No	16	n/a	n/a	37.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-9	0.02777	n/a	7/31/2025	0.018	No	32	0.01692	0.00436	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.026	n/a	8/1/2025	0.011	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-11	0.01473	n/a	7/30/2025	0.011	No	32	0.01031	0.001777	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	7/30/2025	0.005ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	7/30/2025	0.0013J	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	7/31/2025	0.005ND	No	32	n/a	n/a	68.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01061	n/a	7/28/2025	0.0082	No	32	0.08111	0.0088	3.125	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01019	n/a	7/30/2025	0.0025ND	No	32	0.007199	0.001201	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02308	n/a	7/28/2025	0.02	No	32	0.01753	0.002229	0	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.01	n/a	7/25/2025	0.01ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	n/a	7/31/2025	0.01ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.01	n/a	7/25/2025	0.01ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	7/25/2025	0.01ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	7/31/2025	0.01ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	7/31/2025	0.01ND	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	7/31/2025	0.01ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.013	n/a	8/1/2025	0.01ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	7/30/2025	0.01ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.01	n/a	7/30/2025	0.01ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.01	n/a	7/30/2025	0.01ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.024	n/a	7/31/2025	0.01ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	7/28/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	**GWC-19**	**0.0059**	**n/a**	**7/30/2025**	**0.014**	**Yes**	**31**	**n/a**	**n/a**	**96.77**	**n/a**	**n/a**	**0.001905**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	GWC-20	0.01	n/a	7/28/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-19	0.08	n/a	7/30/2025	1.9	Yes	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	7/24/2025	59	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	17.69	n/a	7/24/2025	18	Yes	24	14.66	1.279	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	7/30/2025	40	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	17.52	n/a	7/28/2025	18	Yes	23	14.07	1.448	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	1.999	n/a	7/24/2025	2.1	Yes	23	1.656	0.1436	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	1.969	n/a	7/24/2025	2.4	Yes	23	1.226	0.07433	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	7/24/2025	48	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	4.9	n/a	7/24/2025	9.5	Yes	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-19	3.243	n/a	7/30/2025	10	Yes	23	2.097	0.4799	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.496	n/a	7/28/2025	2.6	Yes	23	8.458	2.969	4.348	None	x^3	0.0004426	Param Intra 1 of 2
pH, Field (SU)	GWC-19	6.79	5.87	7/30/2025	5.34	Yes	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	7/25/2025	16	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	7/24/2025	200	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1.5	n/a	7/24/2025	6.4	Yes	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.9	n/a	7/30/2025	260	Yes	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWA-16	146.4	n/a	7/24/2025	180	Yes	23	98.43	20.08	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-1	169.9	n/a	7/25/2025	210	Yes	23	135.1	14.61	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-3	116.7	n/a	7/25/2025	130	Yes	23	81.7	14.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-4	178.1	n/a	7/24/2025	590	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-7	159.4	n/a	7/24/2025	230	Yes	23	122	15.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-18	126.9	n/a	7/28/2025	150	Yes	23	87.43	16.53	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-19	175	n/a	7/30/2025	460	Yes	23	103.7	29.86	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-20	150.8	n/a	7/28/2025	190	Yes	23	109.7	17.22	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.08	n/a	7/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.08	n/a	7/24/2025	0.08ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.08	n/a	7/24/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	7/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.08	n/a	7/31/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	7/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.13	n/a	7/24/2025	0.034J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.385	n/a	7/25/2025	0.11	No	12	0.2158	0.05992	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.085	n/a	7/31/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	7/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.2935	n/a	7/31/2025	0.14	No	23	0.1811	0.0471	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.134	n/a	7/31/2025	0.1	No	23	0.08873	0.01896	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	8/1/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	7/30/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	7/30/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	7/30/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.08	n/a	7/31/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	**GWC-19**	**0.08**	**n/a**	**7/30/2025**	**1.9**	**Yes**	**23**	**n/a**	**n/a**	**95.65**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**
Boron (mg/L)	GWC-20	0.12	n/a	7/28/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.275	n/a	7/24/2025	4.4	No	23	4.201	0.4501	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.37	n/a	7/24/2025	14	No	23	12	1.415	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.826	n/a	7/24/2025	7.4	No	23	7.203	1.099	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.23	n/a	7/25/2025	17	No	23	17.34	1.209	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.27	n/a	7/31/2025	17	No	23	17.47	1.174	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.92	n/a	7/25/2025	10	No	23	7.67	1.362	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**7/24/2025**	**59**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-5	68.6	n/a	7/25/2025	24	No	11	6.178	0.7155	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	21.45	n/a	7/31/2025	16	No	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**7/24/2025**	**18**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-8A	44.79	n/a	7/31/2025	42	No	11	26.36	6.265	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	23	n/a	7/31/2025	21	No	25	n/a	n/a	0	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-10	22.03	n/a	8/1/2025	19	No	23	17.52	1.888	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	14	n/a	7/30/2025	13	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-12	1.505	n/a	7/30/2025	1.2	No	23	1.11	0.1658	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	8.967	n/a	7/30/2025	7.3	No	23	6.802	0.9074	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	8.188	n/a	7/31/2025	6.8	No	23	6.673	0.6347	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	11.6	n/a	7/28/2025	10	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**7/30/2025**	**40**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**7/28/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-15	7.469	n/a	7/24/2025	6	No	23	1.752	0.1086	0	None	ln(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWA-16**	**1.999**	**n/a**	**7/24/2025**	**2.1**	**Yes**	**23**	**1.656**	**0.1436**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-17**	**1.969**	**n/a**	**7/24/2025**	**2.4**	**Yes**	**23**	**1.226**	**0.07433**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-1	4.625	n/a	7/25/2025	4.4	No	23	3.844	0.3272	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.676	n/a	7/31/2025	2.3	No	23	2.18	0.2078	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.825	n/a	7/25/2025	3.2	No	23	3.119	0.2958	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**7/24/2025**	**48**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-5	62.84	n/a	7/25/2025	5.5	No	13	4.18	1.357	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.235	n/a	7/31/2025	4.6	No	23	6.047	0.9174	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**7/24/2025**	**9.5**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWC-8A	10.3	n/a	7/31/2025	6	No	23	7.752	1.069	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	5.188	n/a	7/31/2025	4.5	No	23	3.815	0.5757	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	5.2	n/a	8/1/2025	3.6	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.137	n/a	7/30/2025	1.5	No	23	1.799	0.1415	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.241	n/a	7/30/2025	2	No	23	1.813	0.1792	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-13	1.927	n/a	7/30/2025	1.4	No	23	1.557	0.1547	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	4.514	n/a	7/31/2025	3.9	No	23	1.782	0.1435	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	3.135	n/a	7/28/2025	2.8	No	23	2.623	0.2145	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-19**	**3.243**	**n/a**	**7/30/2025**	**10**	**Yes**	**23**	**2.097**	**0.4799**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-20**	**2.496**	**n/a**	**7/28/2025**	**2.6**	**Yes**	**23**	**8.458**	**2.969**	**4.348**	**None**	**x^3**	**0.0004426**	**Param Intra 1 of 2**
Fluoride (mg/L)	GWA-15	0.077	n/a	7/24/2025	0.087J	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.089	n/a	7/24/2025	0.16J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.083	n/a	7/24/2025	0.11J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1483	n/a	7/25/2025	0.14J	No	25	0.06789	0.03426	24	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.072	n/a	7/31/2025	0.15J	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-3	0.092	n/a	7/25/2025	0.092J	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-4	0.1442	n/a	7/24/2025	0.13J	No	23	0.009019	0.00494	8.696	None	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.16	n/a	7/25/2025	0.1J	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.1	n/a	7/31/2025	0.14J	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	7/24/2025	0.12J	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2006	n/a	7/31/2025	0.17J	No	23	0.08996	0.04639	8.696	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.096	n/a	7/31/2025	0.17J	No	23	n/a	n/a	39.13	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-10	0.099	n/a	8/1/2025	0.14J	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-11	0.071	n/a	7/30/2025	0.091J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.046	n/a	7/30/2025	0.14J	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.06	n/a	7/30/2025	0.14J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.068	n/a	7/31/2025	0.11J	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.12	n/a	7/28/2025	0.1J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.079	n/a	7/30/2025	0.02ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.089	n/a	7/28/2025	0.12J	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	GWA-15	5.921	4.962	7/24/2025	5.32	No	38	5.442	0.2152	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWA-16	6.63	5.63	7/24/2025	6.31	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-17	6.524	5.455	7/24/2025	6.12	No	37	5.99	0.2393	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-1	6.816	6.185	7/25/2025	6.47	No	40	6.5	0.1424	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-2	7	5.79	7/31/2025	6.49	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-3	6.271	5.576	7/25/2025	5.86	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	7/24/2025	6	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-5	6.369	5.386	7/25/2025	6.03	No	38	5.878	0.2204	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	7/31/2025	6.26	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-7	6.628	5.958	7/24/2025	6.22	No	39	1595	150.8	0	None	x^4	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-8A	7.26	5.93	7/31/2025	6.38	No	43	n/a	n/a	0	n/a	n/a	0.002074	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	7/31/2025	6.5	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-10	6.66	5.96	8/1/2025	6.24	No	42	6.31	0.1585	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-11	6.38	5.58	7/30/2025	6.11	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-12	5.556	4.459	7/30/2025	5.11	No	38	3529	792.6	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-13	6.21	4.93	7/30/2025	5.88	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-14	6.11	4.87	7/31/2025	5.61	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-18	6.54	5.74	7/28/2025	6.33	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-19**	**6.79**	**5.87**	**7/30/2025**	**5.34**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-20	6.826	6.137	7/28/2025	6.47	No	41	77297	10790	0	None	x^6	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.661	n/a	7/24/2025	3.2	No	23	1.402	0.9467	30.43	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWA-16	1.4	n/a	7/24/2025	1.2	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1.3	n/a	7/24/2025	0.93J	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1.475	n/a	7/25/2025	1	No	23	0.8815	0.1397	34.78	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	1.393	n/a	7/31/2025	1.2	No	23	0.7193	0.2825	43.48	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**7/25/2025**	**16**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**7/24/2025**	**200**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-5	194.5	n/a	7/25/2025	73	No	11	105.8	30.15	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	22.26	n/a	7/31/2025	20	No	24	3.352	0.5775	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**7/24/2025**	**6.4**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-8A	52.2	n/a	7/31/2025	14	No	23	26.37	10.83	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	7/31/2025	16	No	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	6.536	n/a	8/1/2025	2.9	No	26	1.372	0.5072	11.54	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	7/30/2025	1ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	7/30/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.452	n/a	7/30/2025	1	No	22	0.849	0.2507	50	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-14	1.2	n/a	7/31/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1.8	n/a	7/28/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWC-19**	**1.9**	**n/a**	**7/30/2025**	**260**	**Yes**	**23**	**n/a**	**n/a**	**78.26**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	GWC-20	1.4	n/a	7/28/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWA-15	83.74	n/a	7/24/2025	78	No	23	41.78	17.59	8.696	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWA-16**	**146.4**	**n/a**	**7/24/2025**	**180**	**Yes**	**23**	**98.43**	**20.08**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-17	130	n/a	7/24/2025	130	No	23	73.87	23.54	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-1**	**169.9**	**n/a**	**7/25/2025**	**210**	**Yes**	**23**	**135.1**	**14.61**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-2	173.5	n/a	7/31/2025	140	No	23	15773	6005	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-3**	**116.7**	**n/a**	**7/25/2025**	**130**	**Yes**	**23**	**81.7**	**14.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**7/24/2025**	**590**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-5	487.4	n/a	7/25/2025	240	No	11	280.9	70.21	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-6	183.3	n/a	7/31/2025	160	No	23	145.7	15.73	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-7**	**159.4**	**n/a**	**7/24/2025**	**230**	**Yes**	**23**	**122**	**15.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-8A	393.1	n/a	7/31/2025	280	No	22	241.8	62.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-9	199.9	n/a	7/31/2025	180	No	23	21860	7584	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-10	183.6	n/a	8/1/2025	150	No	22	135.8	19.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-11	140.3	n/a	7/30/2025	89	No	22	101.4	16.17	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-12	80.53	n/a	7/30/2025	22	No	23	2.578	0.7293	17.39	Kaplan-Meier	x^(1/3)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-13	112.5	n/a	7/30/2025	61	No	22	63.45	20.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-14	99.68	n/a	7/31/2025	70	No	23	58.17	17.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-18**	**126.9**	**n/a**	**7/28/2025**	**150**	**Yes**	**23**	**87.43**	**16.53**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-19**	**175**	**n/a**	**7/30/2025**	**460**	**Yes**	**23**	**103.7**	**29.86**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-20**	**150.8**	**n/a**	**7/28/2025**	**190**	**Yes**	**23**	**109.7**	**17.22**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-19	0.08	n/a	7/30/2025	1.9	Yes	75	n/a	n/a	96	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	7/24/2025	59	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	7/24/2025	18	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	7/30/2025	40	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	7/28/2025	18	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	7/24/2025	48	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	7/24/2025	9.5	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	7.2	n/a	7/30/2025	10	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.6	n/a	7/25/2025	16	Yes	75	n/a	n/a	61.33	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.6	n/a	7/24/2025	200	Yes	75	n/a	n/a	61.33	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-7	3.6	n/a	7/24/2025	6.4	Yes	75	n/a	n/a	61.33	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	3.6	n/a	7/30/2025	260	Yes	75	n/a	n/a	61.33	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
TDS (mg/L)	GWC-1	144.4	n/a	7/25/2025	210	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-4	144.4	n/a	7/24/2025	590	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-7	144.4	n/a	7/24/2025	230	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-18	144.4	n/a	7/28/2025	150	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-19	144.4	n/a	7/30/2025	460	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-20	144.4	n/a	7/28/2025	190	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**GWC-19**	**0.08**	**n/a**	**7/30/2025**	**1.9**	**Yes**	**75**	**n/a**	**n/a**	**96**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**7/24/2025**	**59**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-7**	**15**	**n/a**	**7/24/2025**	**18**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**7/30/2025**	**40**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**15**	**n/a**	**7/28/2025**	**18**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**7/24/2025**	**48**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-7**	**7.2**	**n/a**	**7/24/2025**	**9.5**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-19**	**7.2**	**n/a**	**7/30/2025**	**10**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	GWC-20	7.2	n/a	7/28/2025	2.6	No	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-19	6.76	4.81	7/30/2025	5.34	No	118	n/a	n/a	0	n/a	n/a	0.0002795	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**7/25/2025**	**16**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**7/24/2025**	**200**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-7**	**3.6**	**n/a**	**7/24/2025**	**6.4**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-19**	**3.6**	**n/a**	**7/30/2025**	**260**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	**GWC-1**	**144.4**	**n/a**	**7/25/2025**	**210**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	GWC-3	144.4	n/a	7/25/2025	130	No	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	**GWC-4**	**144.4**	**n/a**	**7/24/2025**	**590**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-7**	**144.4**	**n/a**	**7/24/2025**	**230**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-18**	**144.4**	**n/a**	**7/28/2025**	**150**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-19**	**144.4**	**n/a**	**7/30/2025**	**460**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-20**	**144.4**	**n/a**	**7/28/2025**	**190**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	GWC-1	0.005	n/a	7/25/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-2	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-3	0.005	n/a	7/25/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-4	0.005	n/a	7/24/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	7/25/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.005	n/a	7/24/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-8A	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-10	0.005	n/a	8/1/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.005	n/a	7/30/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.005	n/a	7/30/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.005	n/a	7/30/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.005	n/a	7/28/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	7/25/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	n/a	7/25/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	n/a	7/24/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	7/25/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	n/a	7/24/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	8/1/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	7/30/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	7/30/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	7/30/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	7/28/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	n/a	7/30/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	n/a	7/28/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2

Appendix I & III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	**GWA-17 (bg)**	**-0.0005637**	**-250**	**-214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-4**	**0.002902**	**7.136**	**2.58**	**Yes**	**41**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-7**	**0.0007623**	**447**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-19**	**0.001044**	**447**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-17 (bg)**	**0.2348**	**163**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-4**	**2.244**	**272**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-7**	**0.3953**	**185**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-19**	**1.202**	**298**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-20**	**0.4226**	**144**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-15 (bg)**	**0.09848**	**124**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-4**	**2.396**	**304**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-7**	**0.3139**	**208**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-19**	**0.1404**	**158**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-20**	**0.04555**	**130**	**111**	**Yes**	**25**	**4**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-16 (bg)**	**0.0001673**	**278**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-17 (bg)**	**0.0001994**	**333**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Nickel (mg/L)	**GWA-15 (bg)**	**-4.2e-12**	**-200**	**-176**	**Yes**	**34**	**61.76**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-17 (bg)**	**0.03948**	**412**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-15 (bg)**	**0.2343**	**182**	**111**	**Yes**	**25**	**28**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-3**	**0.5034**	**194**	**146**	**Yes**	**30**	**36.67**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-4**	**7.481**	**249**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-7**	**0**	**113**	**111**	**Yes**	**25**	**64**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWA-17 (bg)**	**3.621**	**114**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-4**	**20.81**	**269**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-18**	**2.218**	**113**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-19**	**6.533**	**195**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-20**	**4.049**	**138**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**

Appendix I & III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-15 (bg)	0.00002759	156	214	No	39	0	n/a	0.01	NP
Barium (mg/L)	GWA-16 (bg)	0	-69	-214	No	39	0	n/a	0.01	NP
Barium (mg/L)	**GWA-17 (bg)**	**-0.0005637**	**-250**	**-214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-4**	**0.002902**	**7.136**	**2.58**	**Yes**	**41**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-7**	**0.0007623**	**447**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-19**	**0.001044**	**447**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-20	0.000242	168	214	No	39	0	n/a	0.01	NP
Boron (mg/L)	GWA-15 (bg)	0	7	111	No	25	92	n/a	0.01	NP
Boron (mg/L)	GWA-16 (bg)	0	0	111	No	25	100	n/a	0.01	NP
Boron (mg/L)	GWA-17 (bg)	0	22	111	No	25	96	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	19	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.2389	98	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-17 (bg)**	**0.2348**	**163**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-4**	**2.244**	**272**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-7**	**0.3953**	**185**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-19**	**1.202**	**298**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-20**	**0.4226**	**144**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-15 (bg)**	**0.09848**	**124**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-16 (bg)	0	-20	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.02559	-102	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	**GWC-4**	**2.396**	**304**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-7**	**0.3139**	**208**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-19**	**0.1404**	**158**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-20**	**0.04555**	**130**	**111**	**Yes**	**25**	**4**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-15 (bg)	0	13	214	No	39	92.31	n/a	0.01	NP
Chromium (mg/L)	**GWA-16 (bg)**	**0.0001673**	**278**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-17 (bg)**	**0.0001994**	**333**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWC-7	0.00007334	82	223	No	40	0	n/a	0.01	NP
Mercury (mg/L)	GWA-15 (bg)	0	38	214	No	39	89.74	n/a	0.01	NP
Mercury (mg/L)	GWA-16 (bg)	0	68	214	No	39	89.74	n/a	0.01	NP
Mercury (mg/L)	GWA-17 (bg)	0	62	214	No	39	84.62	n/a	0.01	NP
Mercury (mg/L)	GWC-20	0	83	214	No	39	82.05	n/a	0.01	NP
Nickel (mg/L)	**GWA-15 (bg)**	**-4.2e-12**	**-200**	**-176**	**Yes**	**34**	**61.76**	**n/a**	**0.01**	**NP**
Nickel (mg/L)	GWA-16 (bg)	0	-8	-167	No	33	96.97	n/a	0.01	NP
Nickel (mg/L)	GWA-17 (bg)	0	-67	-176	No	34	85.29	n/a	0.01	NP
Nickel (mg/L)	GWC-19	0	4	167	No	33	66.67	n/a	0.01	NP
pH, Field (SU)	GWA-15 (bg)	-0.008343	-127	-223	No	40	0	n/a	0.01	NP
pH, Field (SU)	GWA-16 (bg)	0.009152	117	214	No	39	0	n/a	0.01	NP
pH, Field (SU)	**GWA-17 (bg)**	**0.03948**	**412**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-19	-0.006722	-1.347	-2.58	No	42	0	n/a	0.01	NP
Selenium (mg/L)	GWA-15 (bg)	0	-2	-214	No	39	97.44	n/a	0.01	NP
Selenium (mg/L)	GWA-16 (bg)	0	11	214	No	39	92.31	n/a	0.01	NP
Selenium (mg/L)	GWA-17 (bg)	0	15	214	No	39	94.87	n/a	0.01	NP
Selenium (mg/L)	GWC-4	0	-65	-223	No	40	75	n/a	0.01	NP
Sulfate (mg/L)	**GWA-15 (bg)**	**0.2343**	**182**	**111**	**Yes**	**25**	**28**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-16 (bg)	0	38	111	No	25	80	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	15	111	No	25	76	n/a	0.01	NP
Sulfate (mg/L)	**GWC-3**	**0.5034**	**194**	**146**	**Yes**	**30**	**36.67**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-4**	**7.481**	**249**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-7**	**0**	**113**	**111**	**Yes**	**25**	**64**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-19	0	64	111	No	25	76	n/a	0.01	NP
TDS (mg/L)	GWA-15 (bg)	2.064	100	111	No	25	8	n/a	0.01	NP
TDS (mg/L)	GWA-16 (bg)	2.872	64	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**GWA-17 (bg)**	**3.621**	**114**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWC-1	1.829	75	111	No	25	0	n/a	0.01	NP

Appendix I & III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
TDS (mg/L)	GWC-3	2.34	69	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**GWC-4**	**20.81**	**269**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWC-7	3.221	106	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**GWC-18**	**2.218**	**113**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-19**	**6.533**	**195**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-20**	**4.049**	**138**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Zinc (mg/L)	GWA-15 (bg)	0	-41	-176	No	34	94.12	n/a	0.01	NP
Zinc (mg/L)	GWA-16 (bg)	0	-35	-176	No	34	94.12	n/a	0.01	NP
Zinc (mg/L)	GWA-17 (bg)	0	2	176	No	34	91.18	n/a	0.01	NP
Zinc (mg/L)	GWC-19	0	41	167	No	33	93.94	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:47 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**10/21/2025**	**0.16**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**10/20/2025**	**0.027**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**10/21/2025**	**0.02**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:47 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**10/21/2025**	**0.16**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**10/20/2025**	**0.027**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Mercury (mg/L)	GWC-20	0.0002	n/a	10/21/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0017	n/a	10/20/2025	0.0014J	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**10/21/2025**	**0.02**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	GWC-19	0.01	n/a	10/20/2025	0.01ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**10/21/2025**	**65**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**10/20/2025**	**21**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**10/20/2025**	**17**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**10/21/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**10/21/2025**	**49**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**10/20/2025**	**11**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**10/21/2025**	**220**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**10/20/2025**	**9.2**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**10/21/2025**	**490**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-7**	**159.4**	**n/a**	**10/20/2025**	**170**	**Yes**	**23**	**122**	**15.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-19	0.08	n/a	10/20/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**10/21/2025**	**65**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**10/20/2025**	**21**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**10/20/2025**	**17**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**10/21/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**10/21/2025**	**49**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**10/20/2025**	**11**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWC-19	3.243	n/a	10/20/2025	3.1	No	23	2.097	0.4799	0	None	No	0.0004426	Param Intra 1 of 2
pH, Field (SU)	GWC-1	6.816	6.185	10/21/2025	6.61	No	40	6.5	0.1424	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	10/21/2025	6.08	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-7	6.628	5.958	10/20/2025	6.31	No	39	1595	150.8	0	None	x^4	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-18	6.54	5.74	10/21/2025	6.22	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-19	6.79	5.87	10/20/2025	6.26	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-20	6.826	6.137	10/21/2025	6.28	No	41	77297	10790	0	None	x^6	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**10/21/2025**	**220**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**10/20/2025**	**9.2**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	GWC-19	1.9	n/a	10/20/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWC-1	169.9	n/a	10/21/2025	150	No	23	135.1	14.61	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**10/21/2025**	**490**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-7**	**159.4**	**n/a**	**10/20/2025**	**170**	**Yes**	**23**	**122**	**15.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-18	126.9	n/a	10/21/2025	97	No	23	87.43	16.53	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-19	175	n/a	10/20/2025	140	No	23	103.7	29.86	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-20	150.8	n/a	10/21/2025	140	No	23	109.7	17.22	0	None	No	0.0004426	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:49 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**10/21/2025**	**0.16**	**Yes**	**117**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001426**	**NP Inter (normality) 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**10/20/2025**	**0.027**	**Yes**	**117**	**n/a**	**n/a**	**30.77**	**n/a**	**n/a**	**0.0001426**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**10/21/2025**	**0.02**	**Yes**	**117**	**n/a**	**n/a**	**94.87**	**n/a**	**n/a**	**0.0001426**	**NP Inter (NDs) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**10/21/2025**	**65**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-7**	**15**	**n/a**	**10/20/2025**	**21**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**10/20/2025**	**17**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**15**	**n/a**	**10/21/2025**	**18**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**10/21/2025**	**49**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-7**	**7.2**	**n/a**	**10/20/2025**	**11**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**10/21/2025**	**220**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-7**	**3.6**	**n/a**	**10/20/2025**	**9.2**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	**GWC-4**	**144.4**	**n/a**	**10/21/2025**	**490**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-7**	**144.4**	**n/a**	**10/20/2025**	**170**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

FIGURE A.

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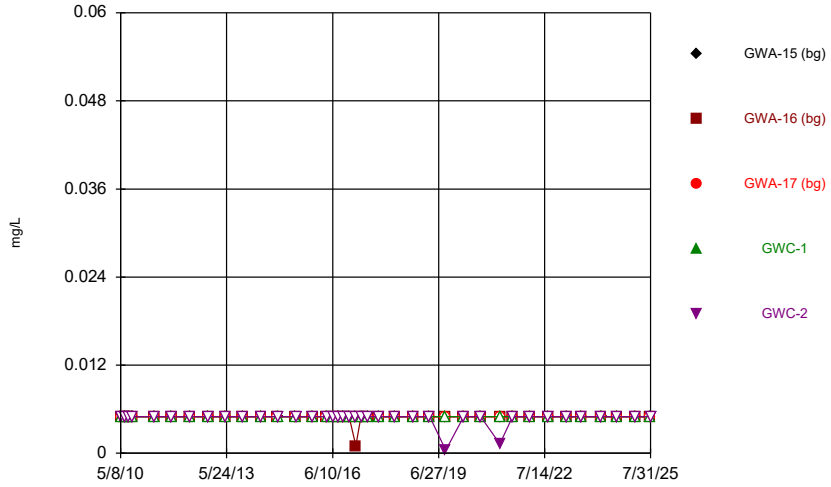

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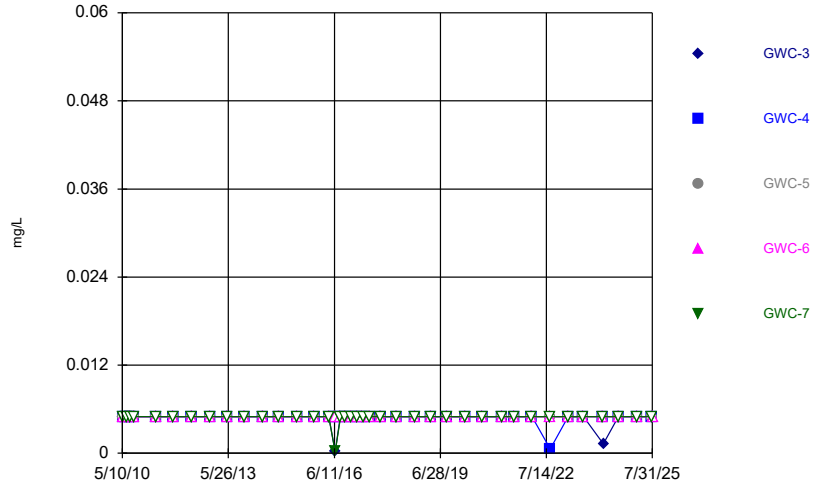

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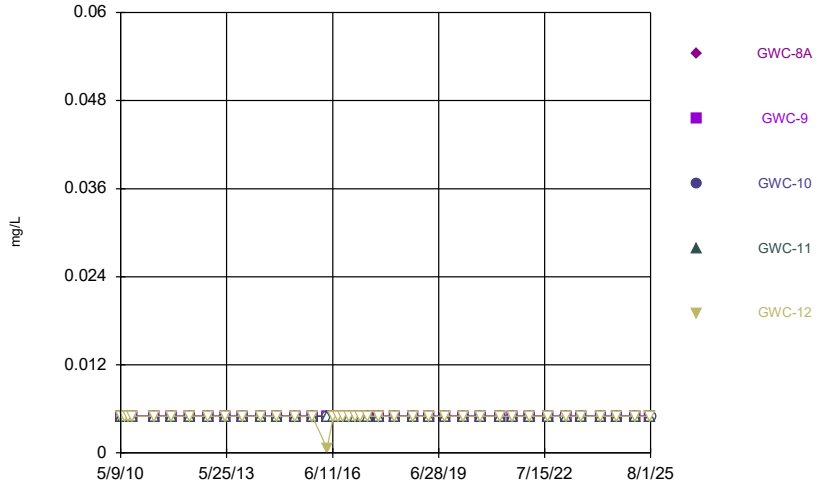

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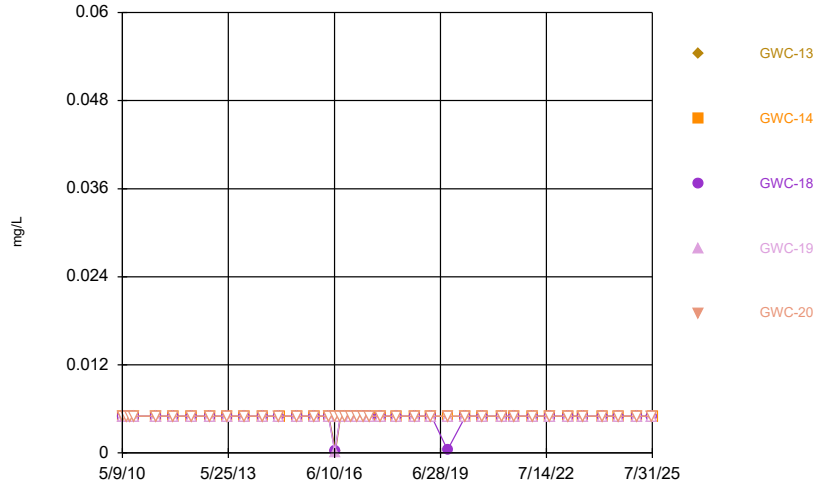

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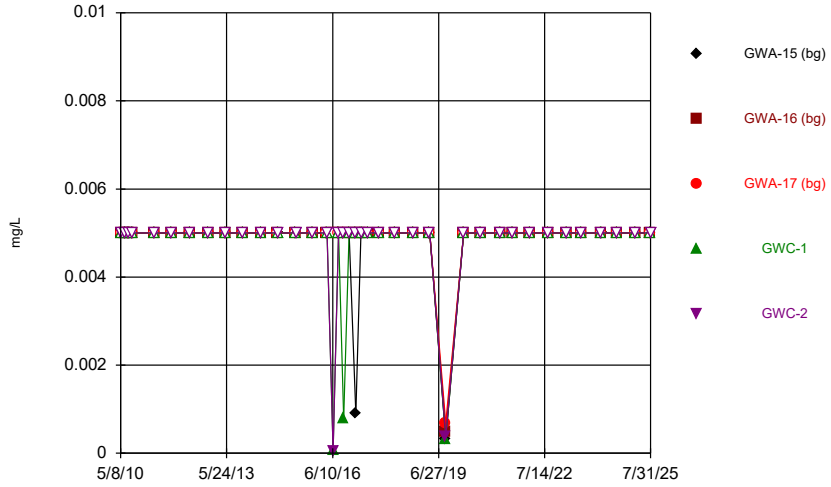

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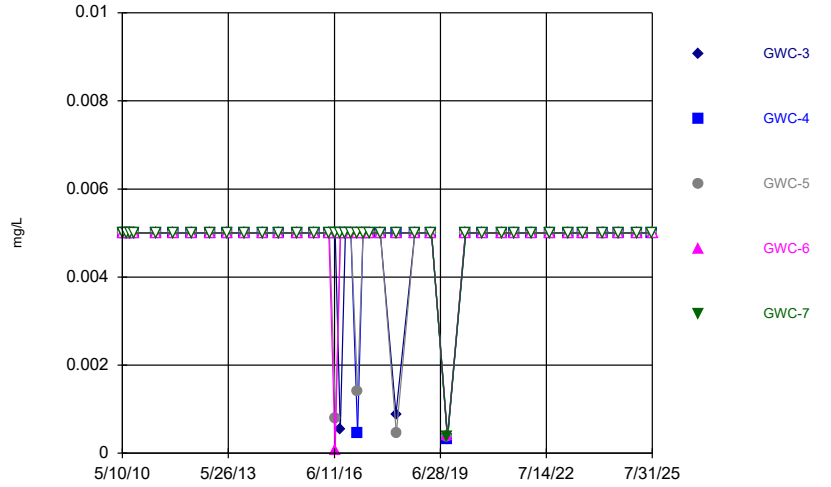

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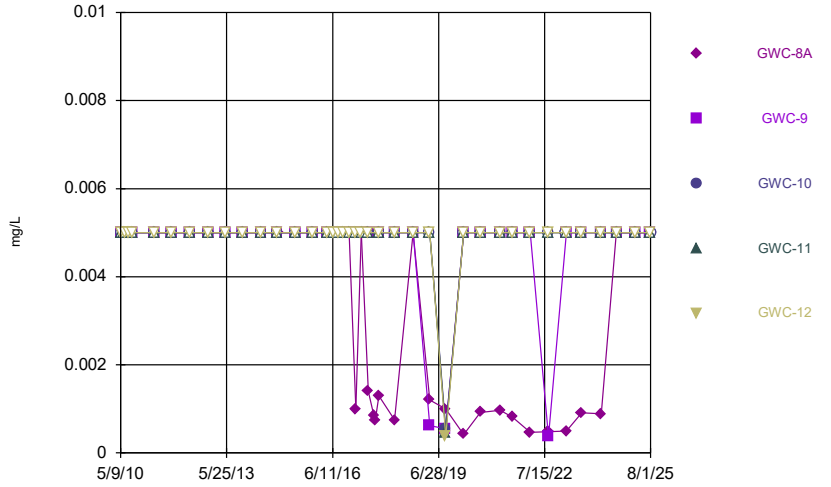

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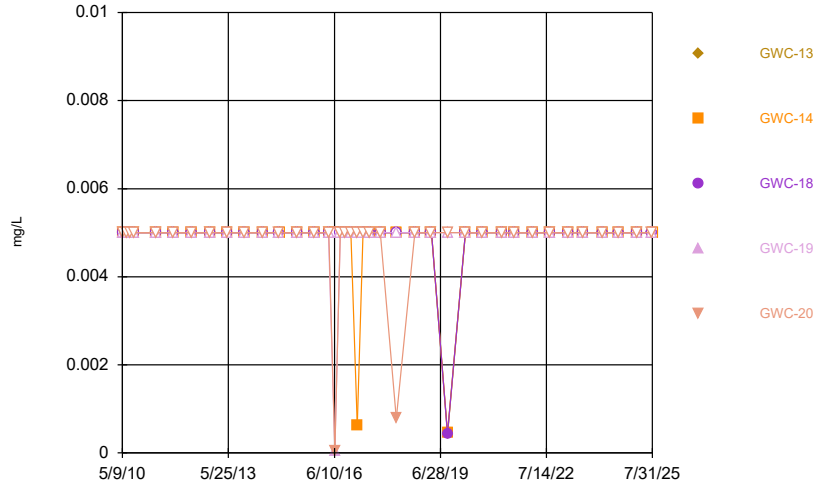

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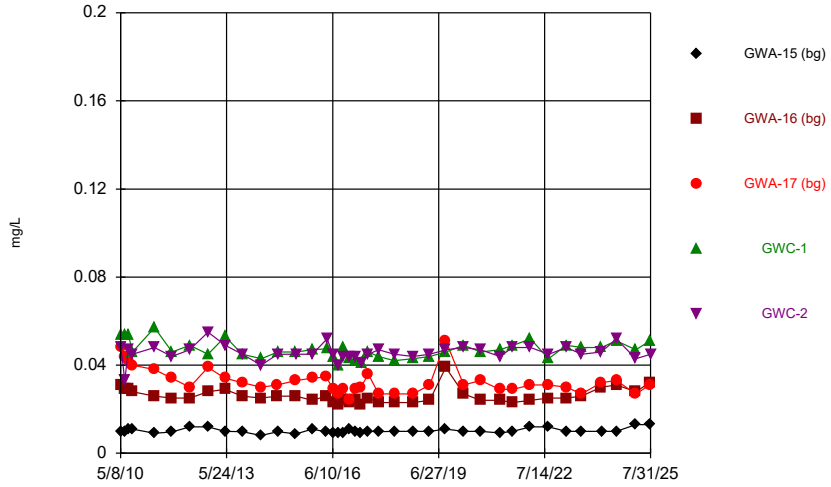

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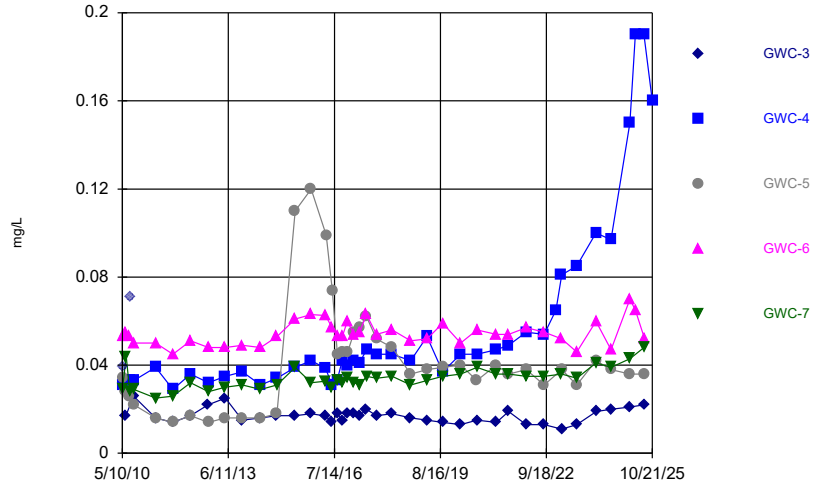

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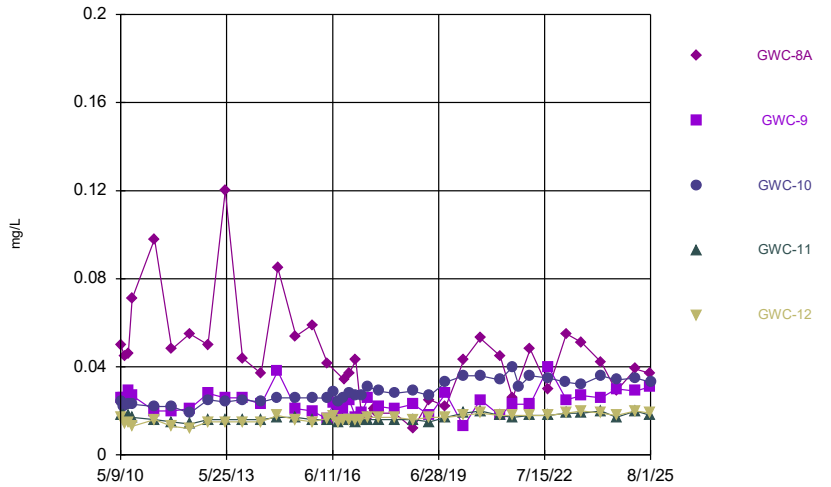

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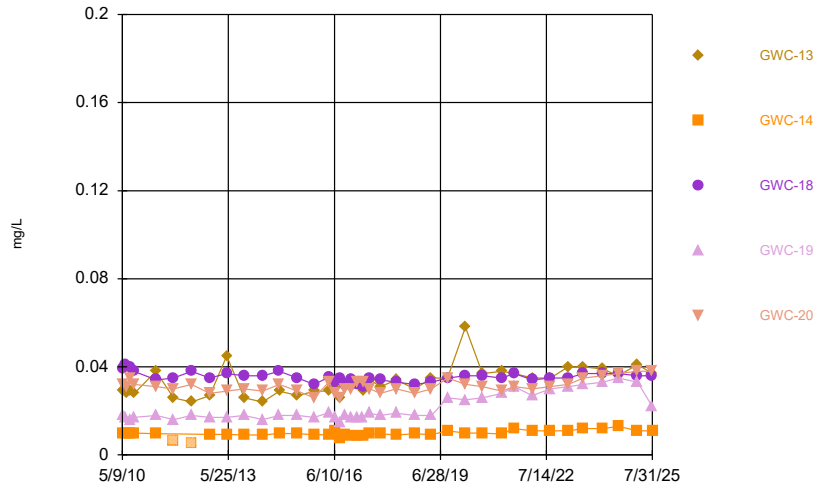

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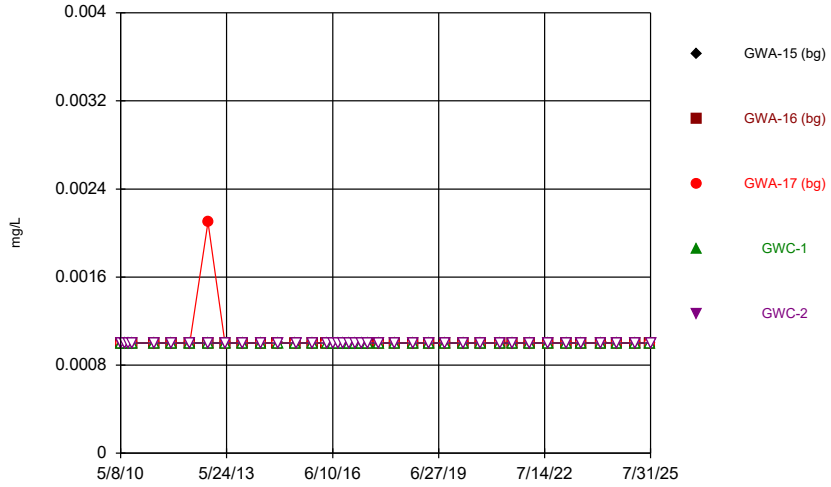

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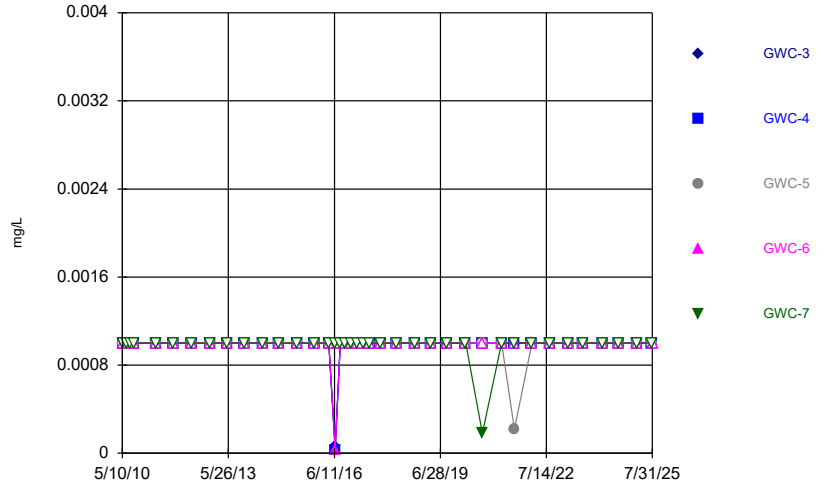

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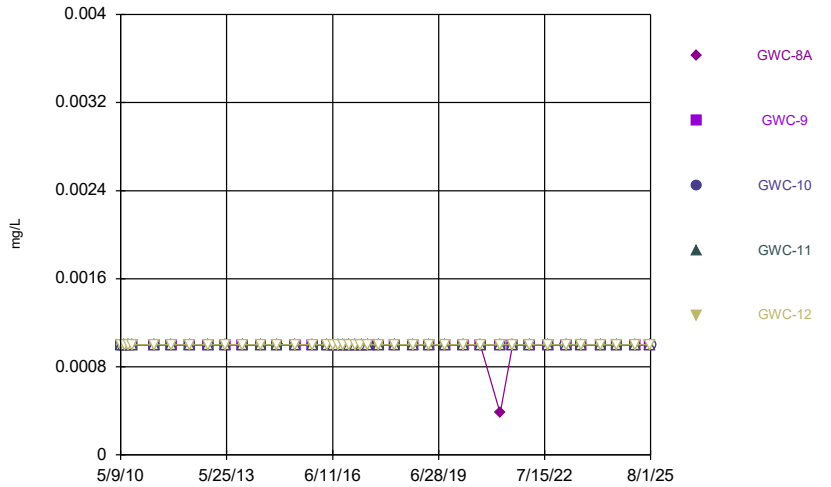

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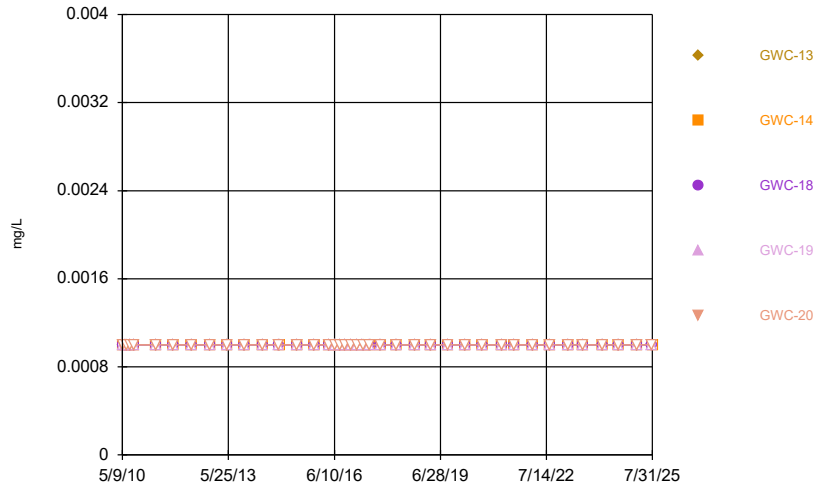
Hollow symbols indicate censored values.

Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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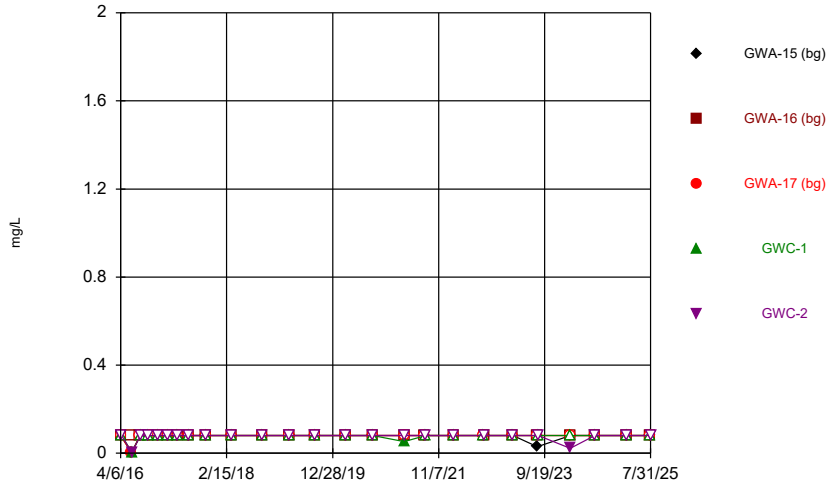
Hollow symbols indicate censored values.

Time Series



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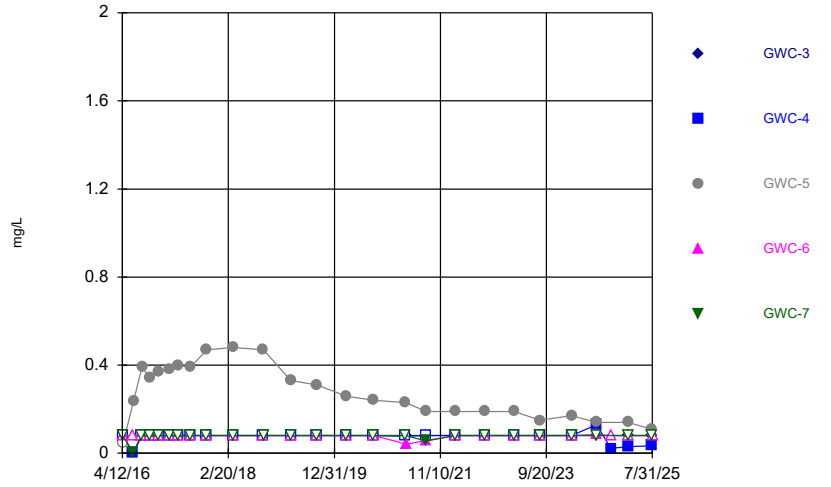
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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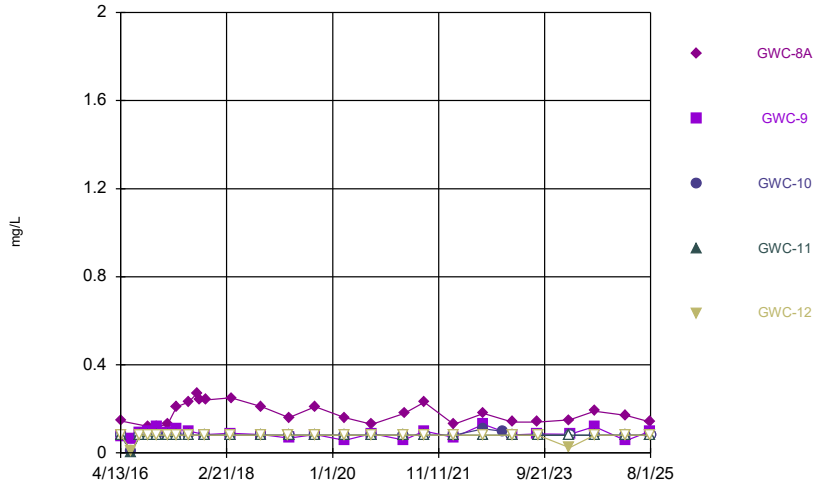

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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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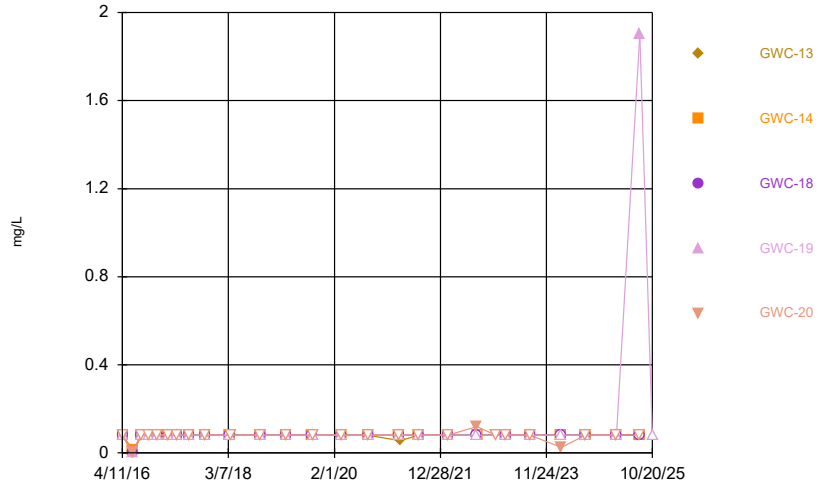
Time Series



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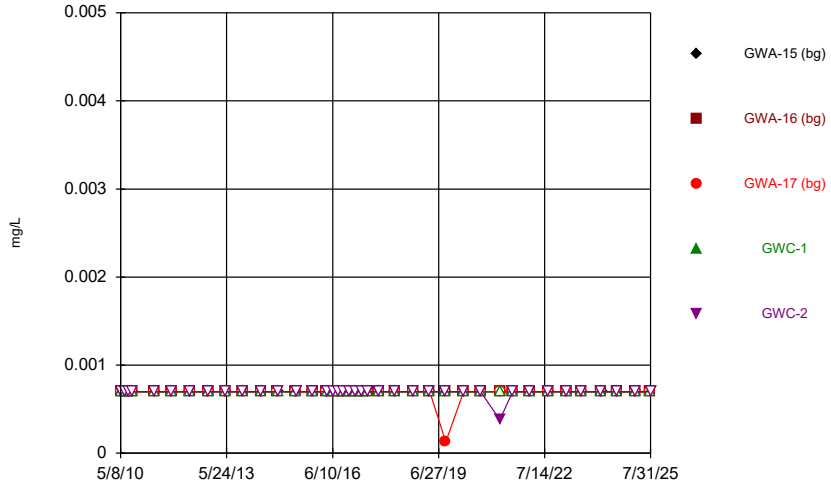
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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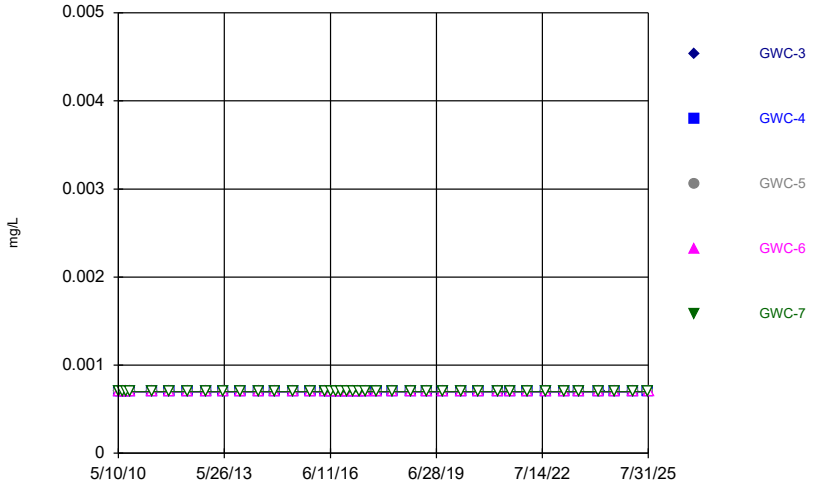
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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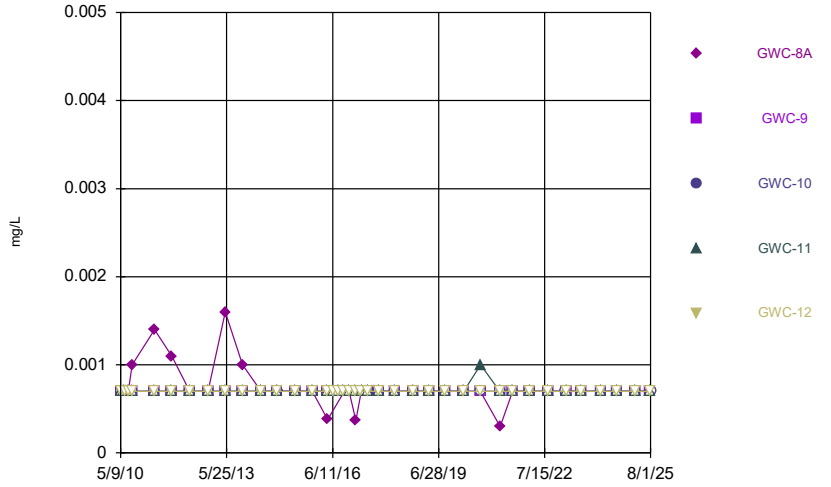
Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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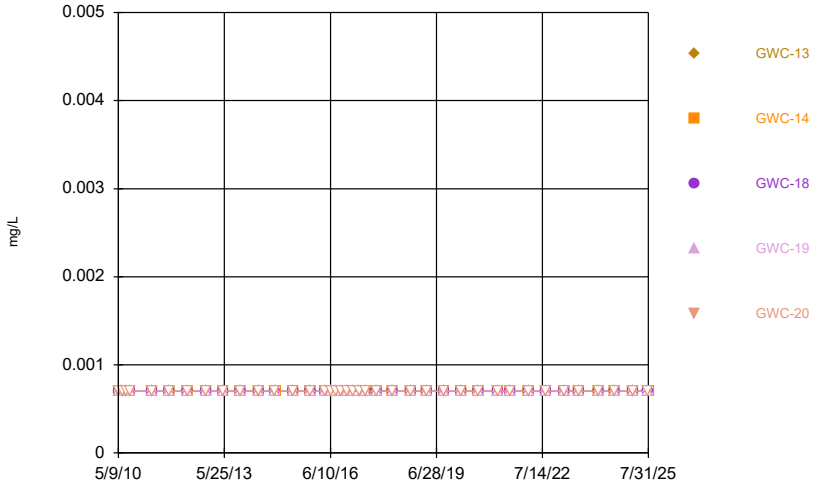
Time Series



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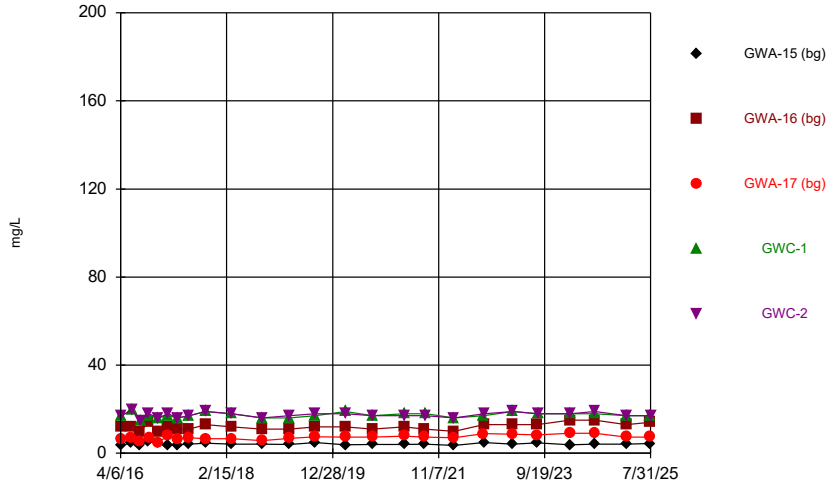
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series



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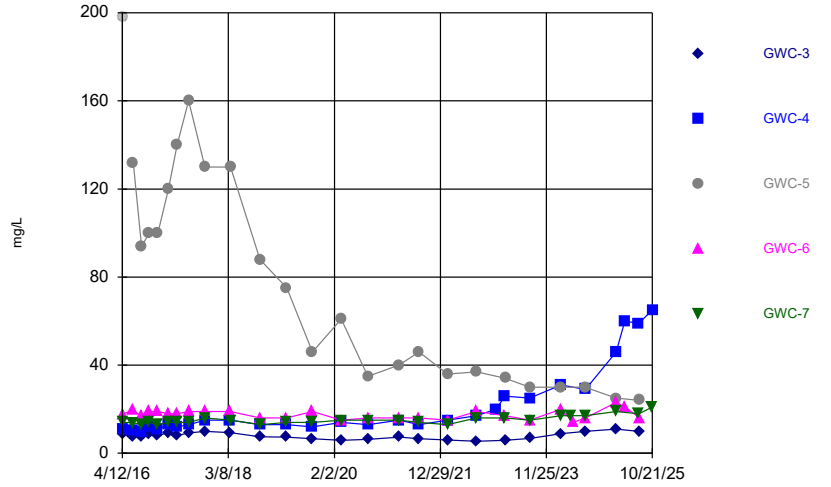
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series



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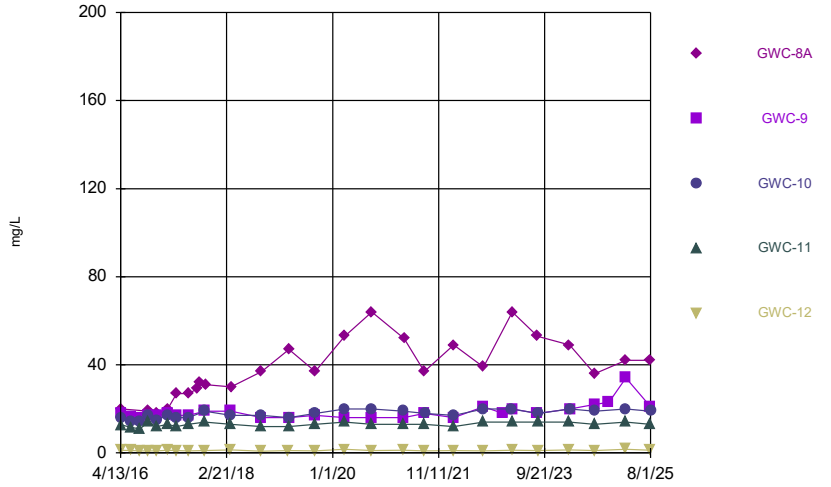
Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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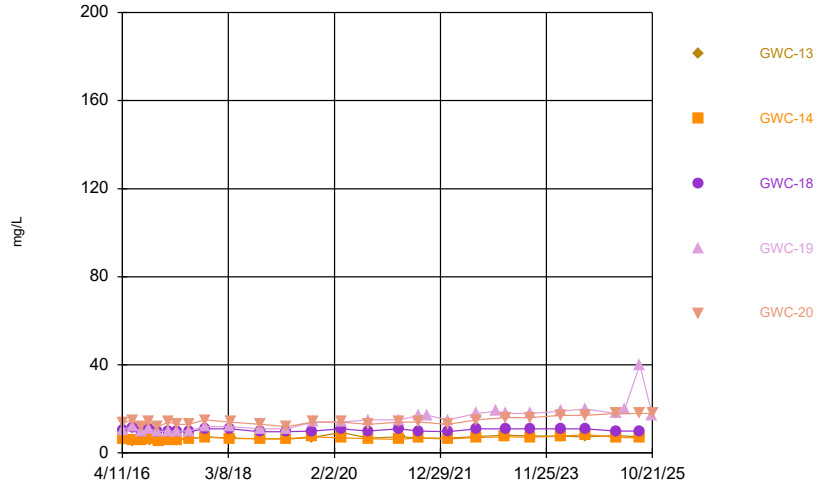
Time Series



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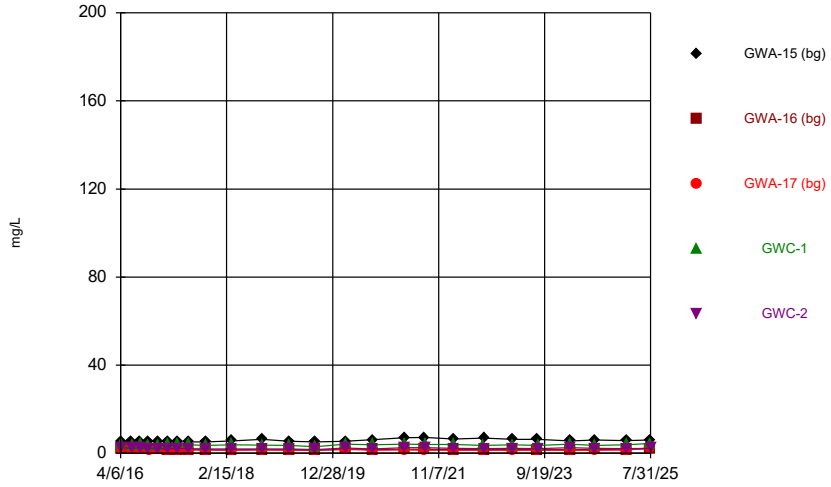
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series



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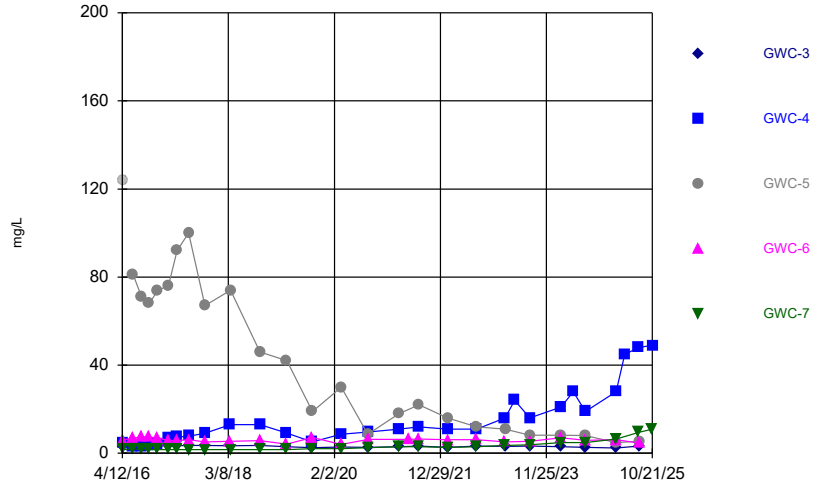
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

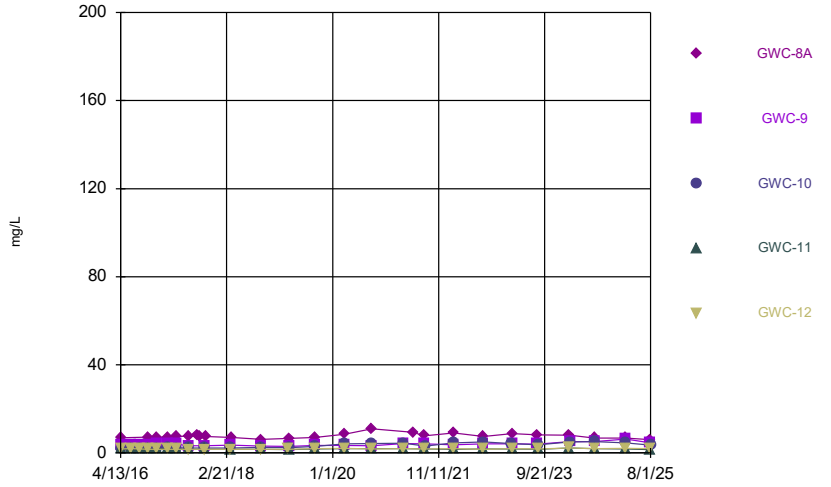
Time Series



Constituent: Chloride Analysis Run 12/11/2025 1:39 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series



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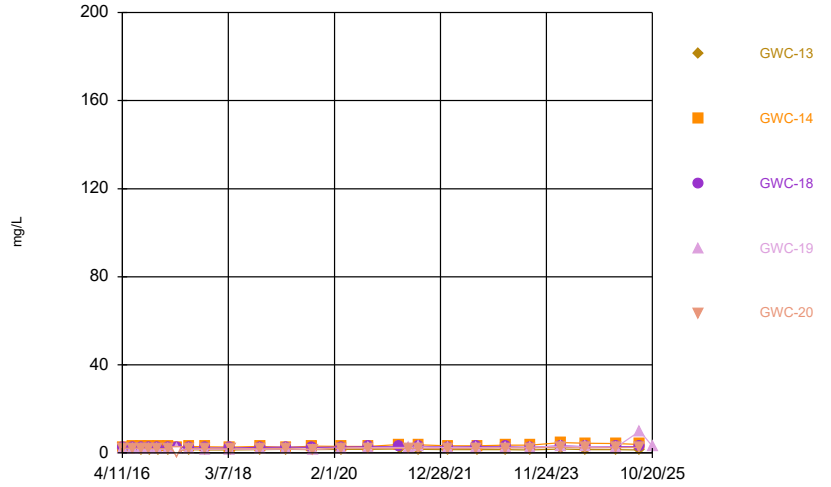
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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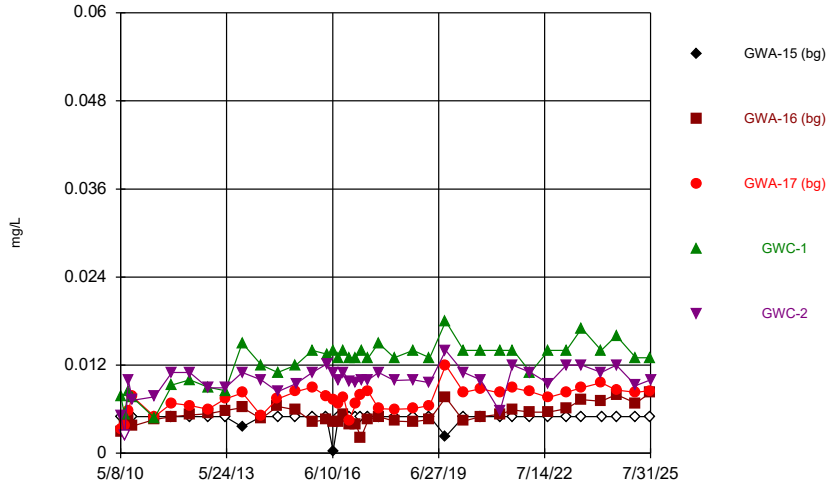

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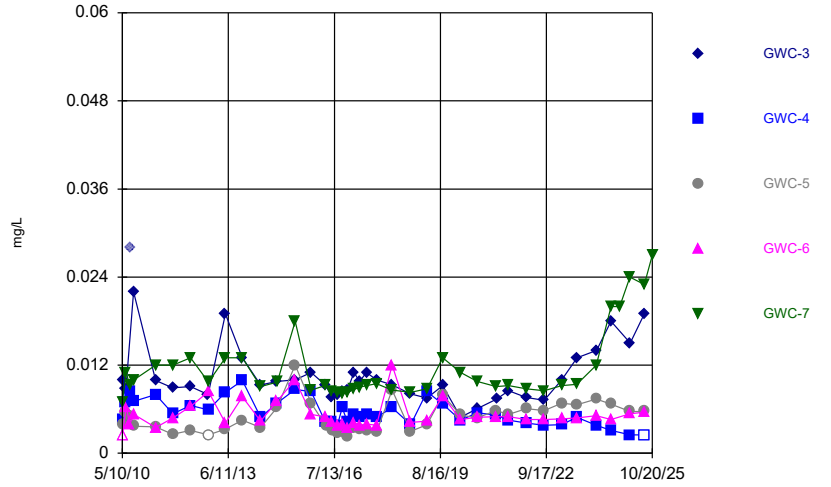
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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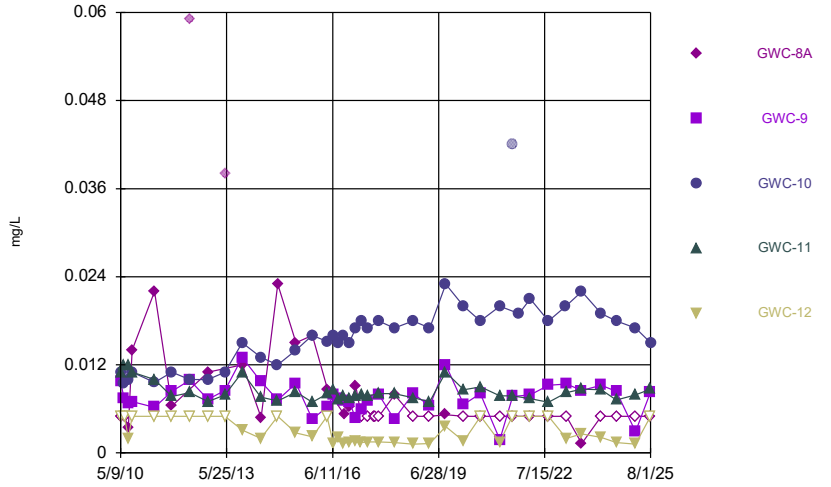
Time Series



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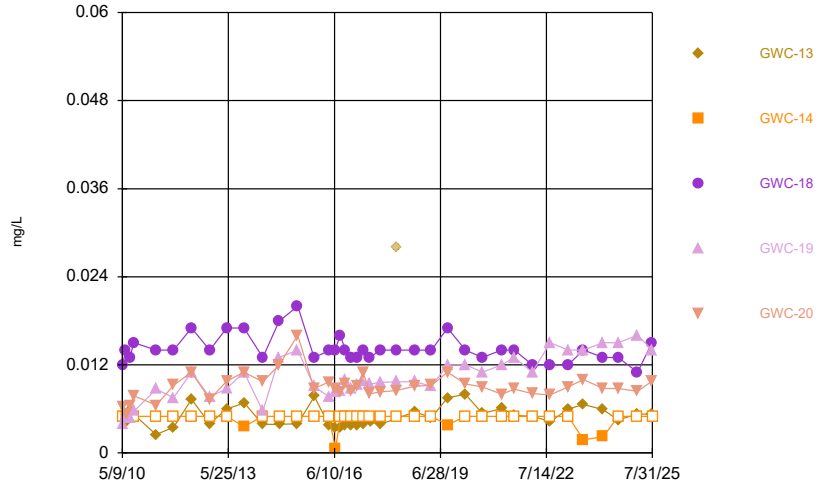

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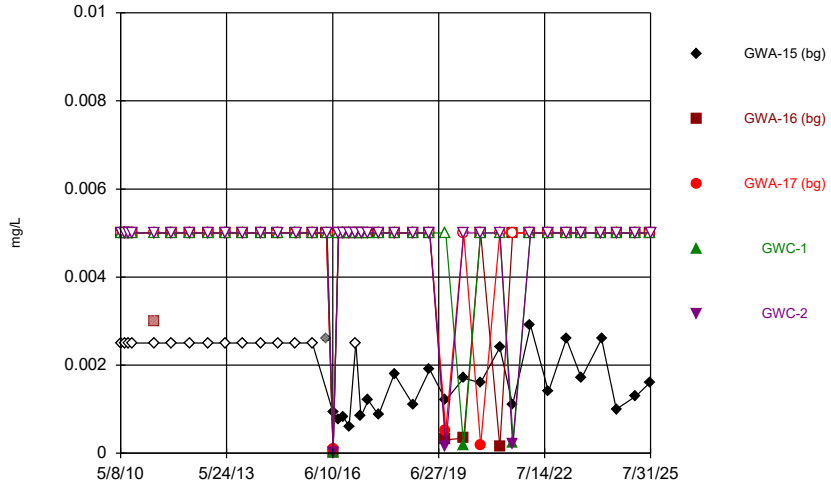
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

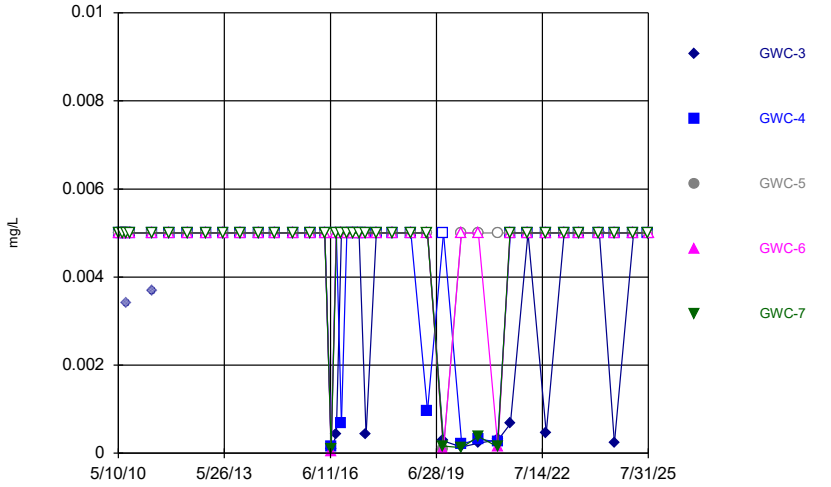
Time Series



Constituent: Cobalt Analysis Run 12/11/2025 1:39 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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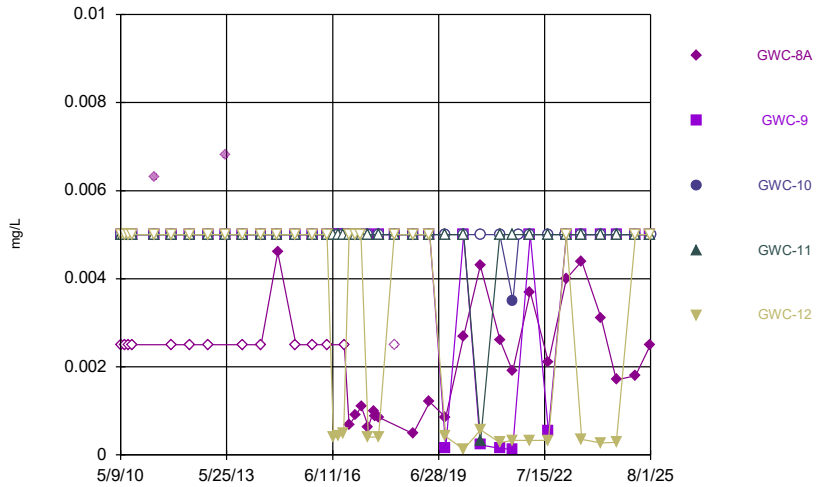
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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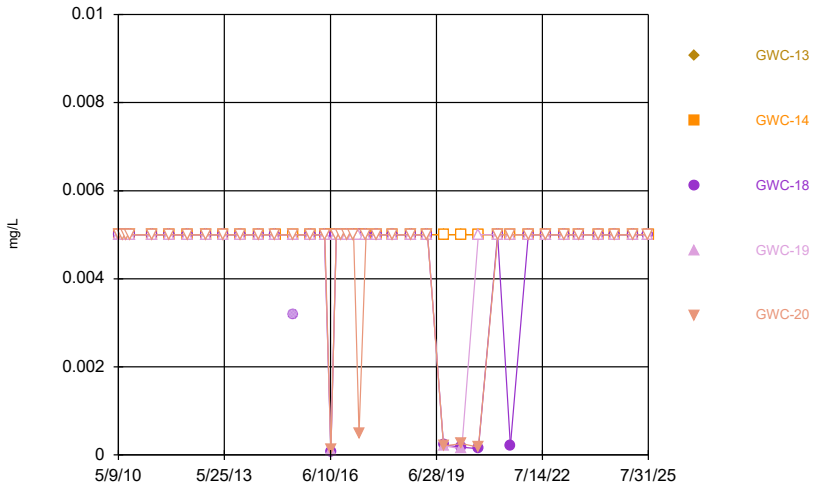

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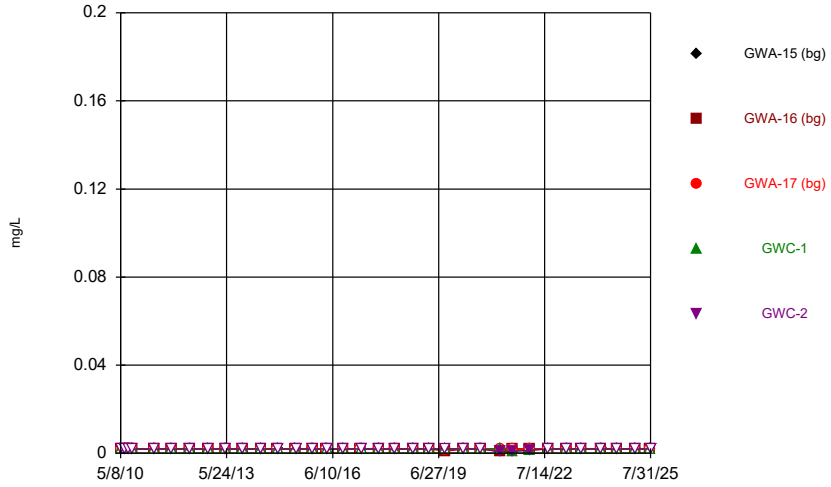

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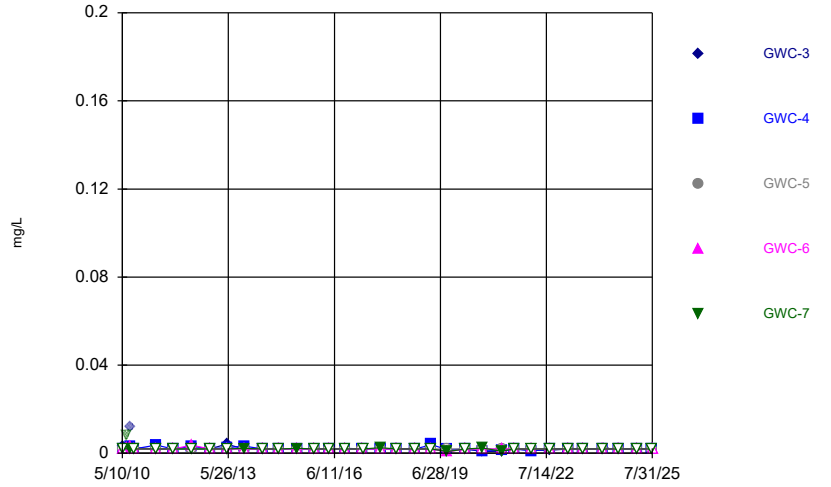
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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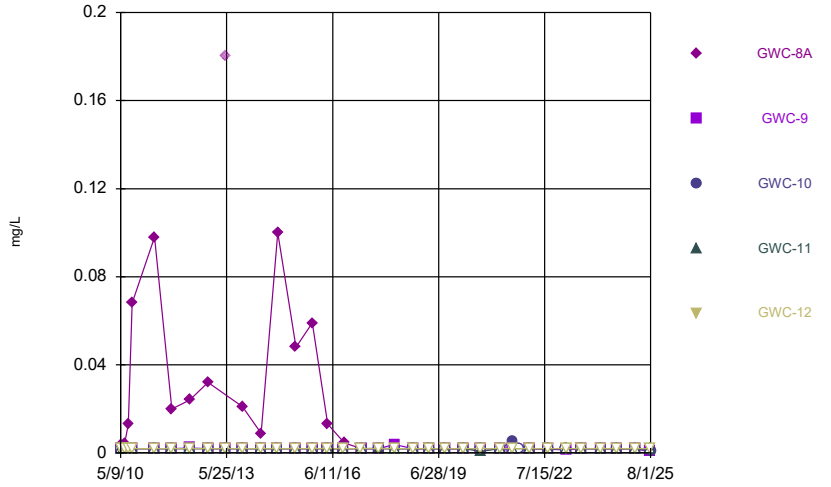
Time Series



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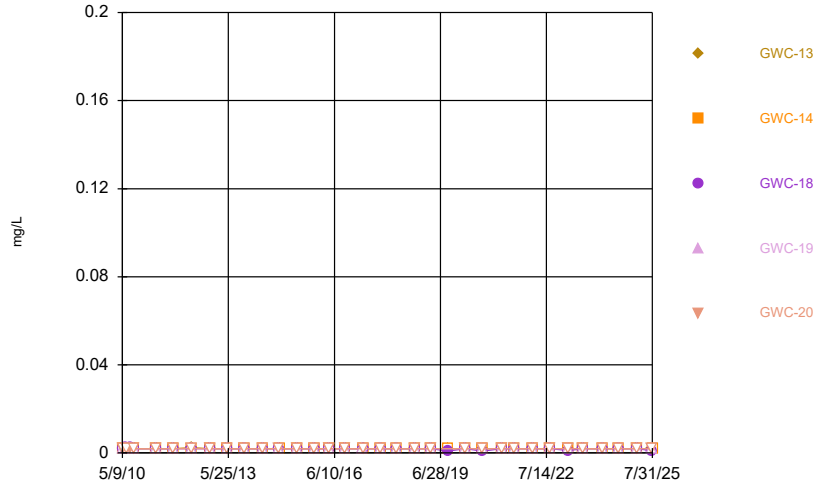
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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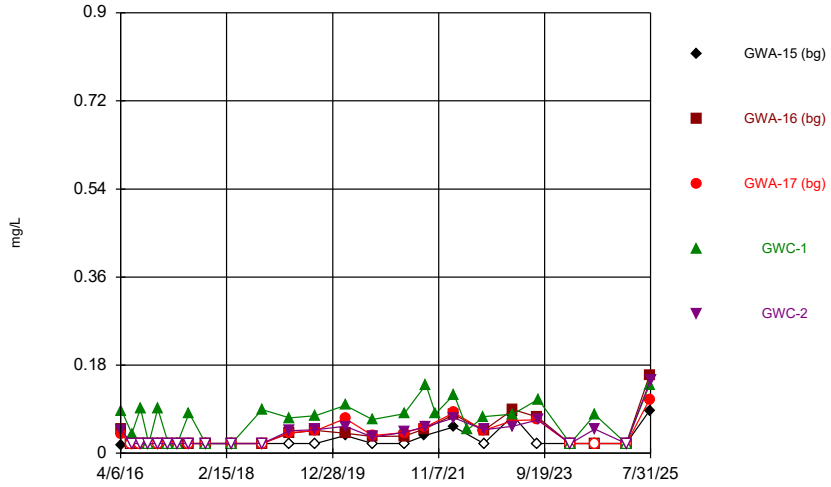
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

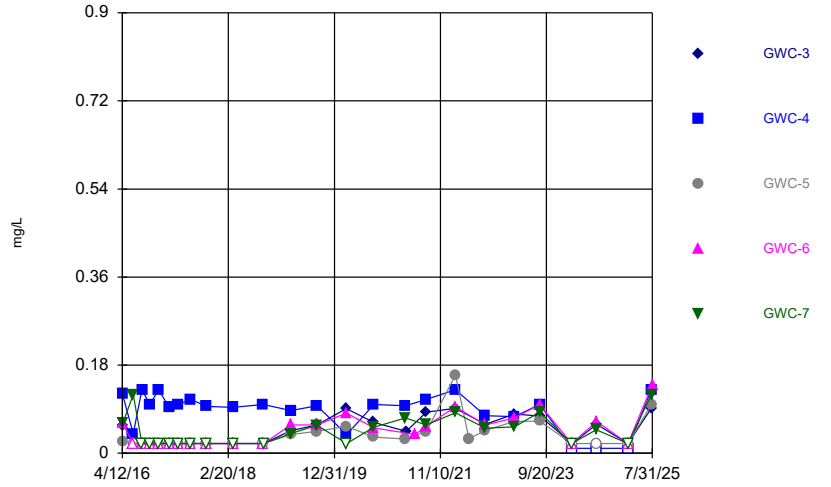
Time Series



Constituent: Fluoride Analysis Run 12/11/2025 1:40 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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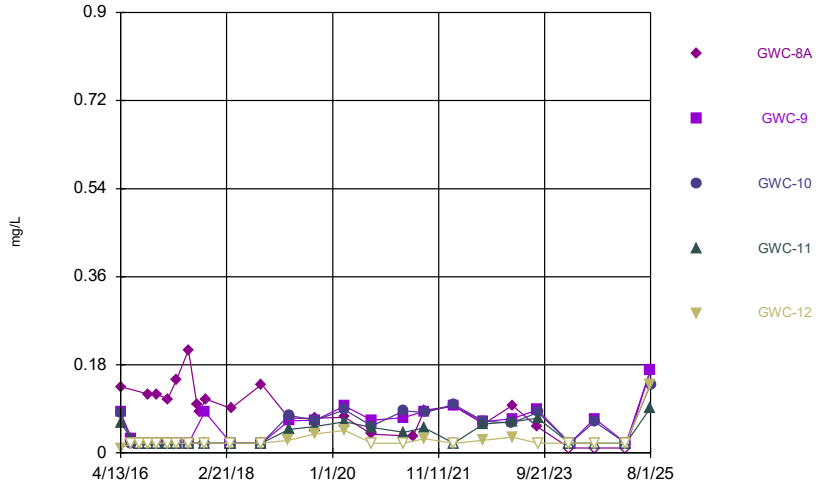

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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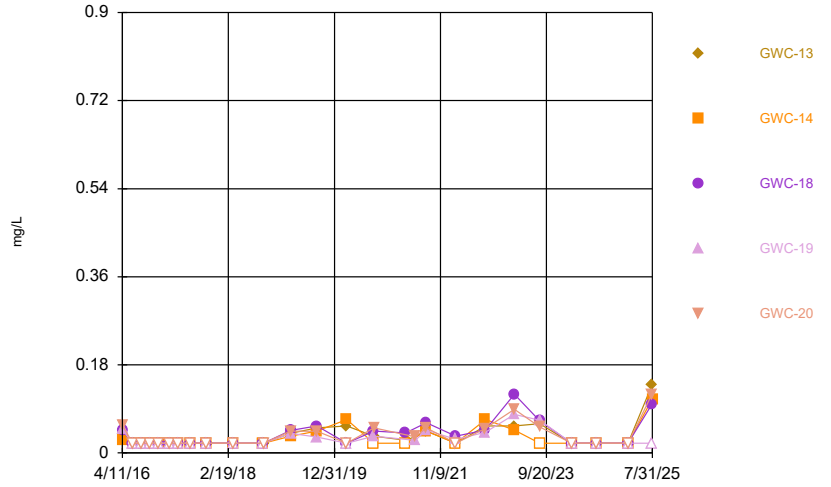

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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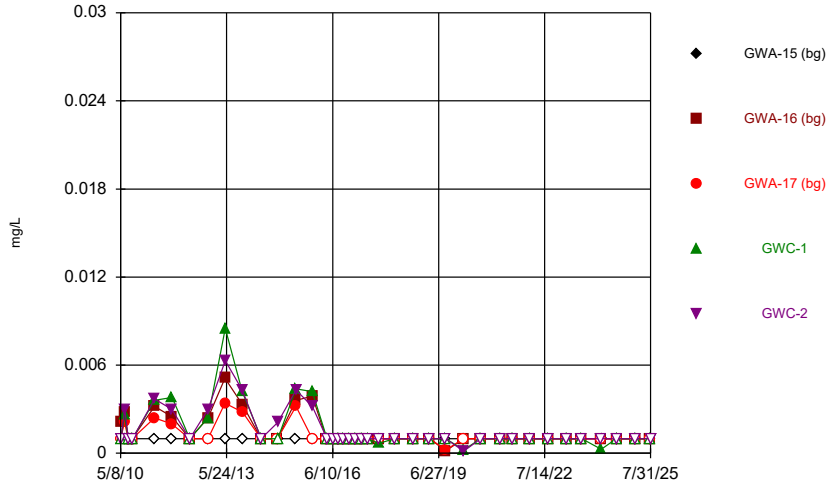

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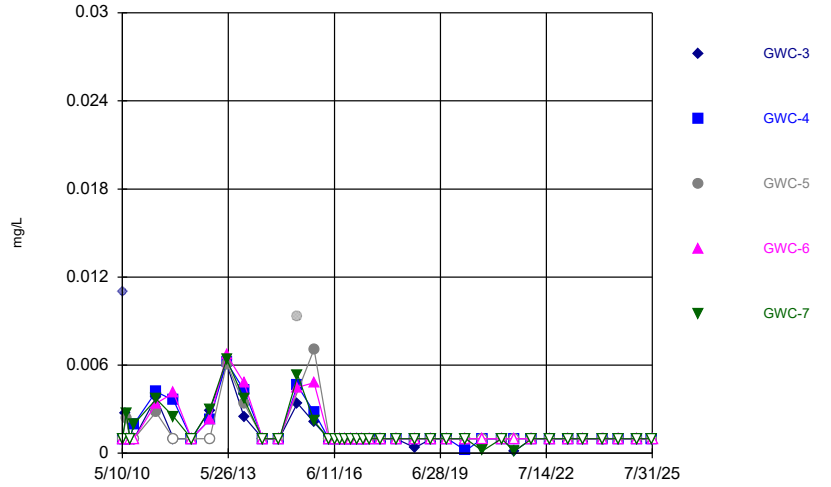
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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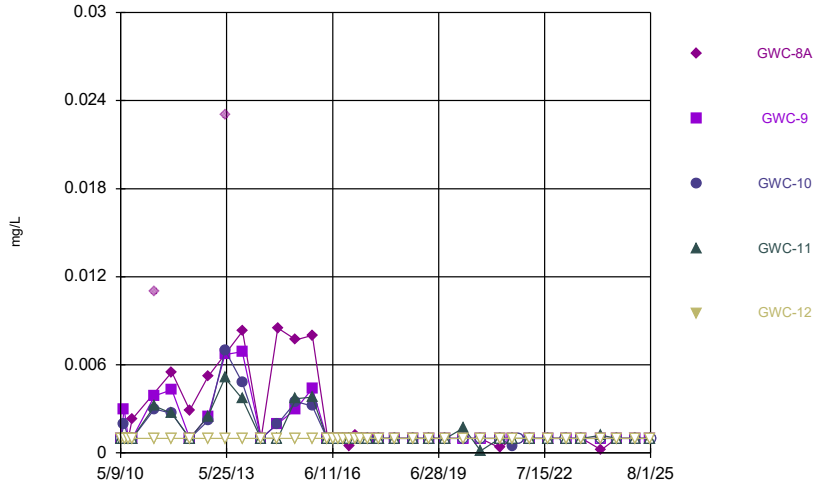

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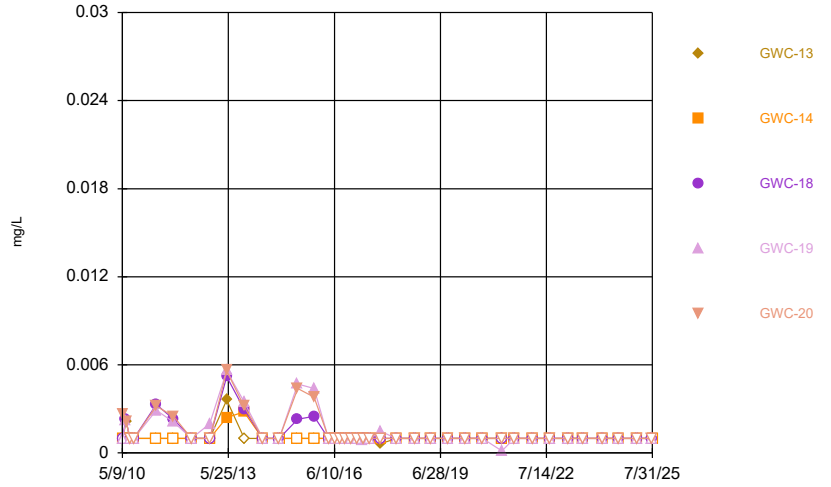

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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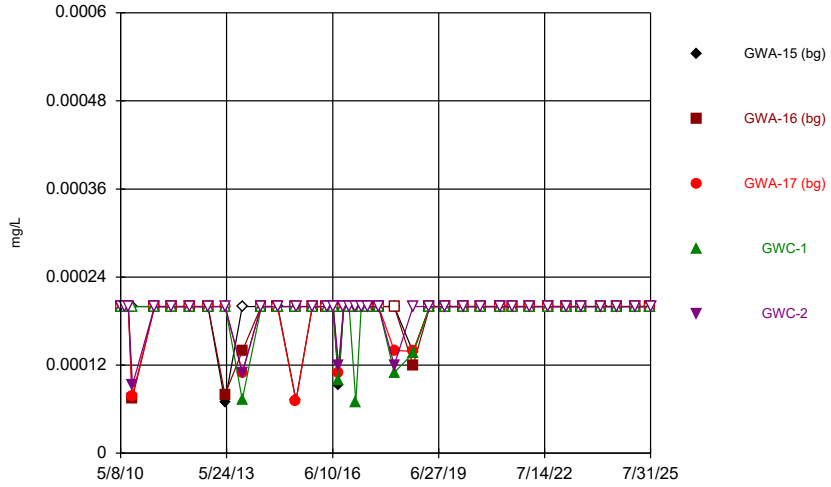

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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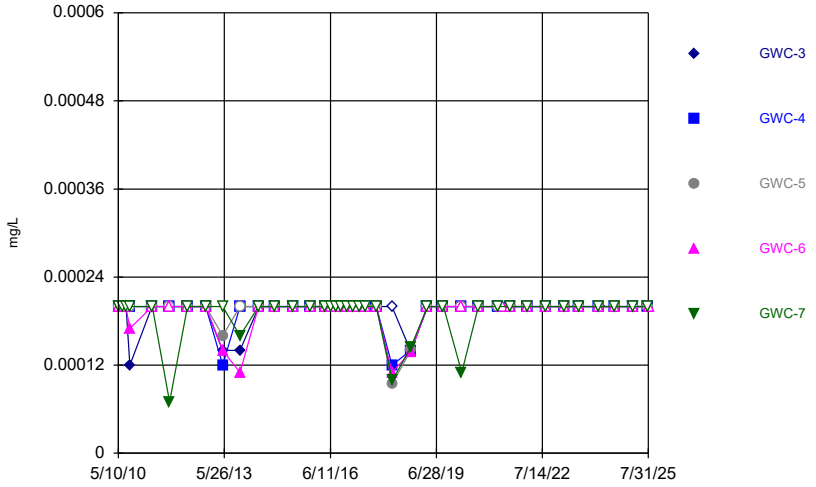
Hollow symbols indicate censored values.

Time Series



Constituent: Mercury Analysis Run 12/11/2025 1:40 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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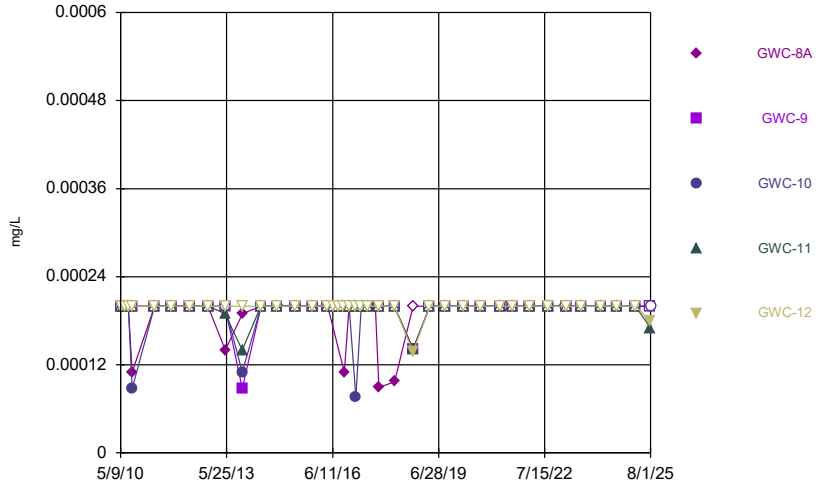
Hollow symbols indicate censored values.

Time Series



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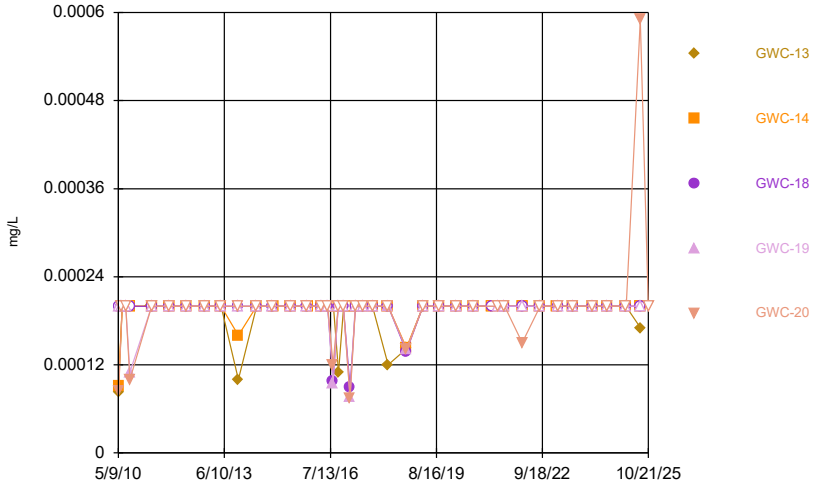

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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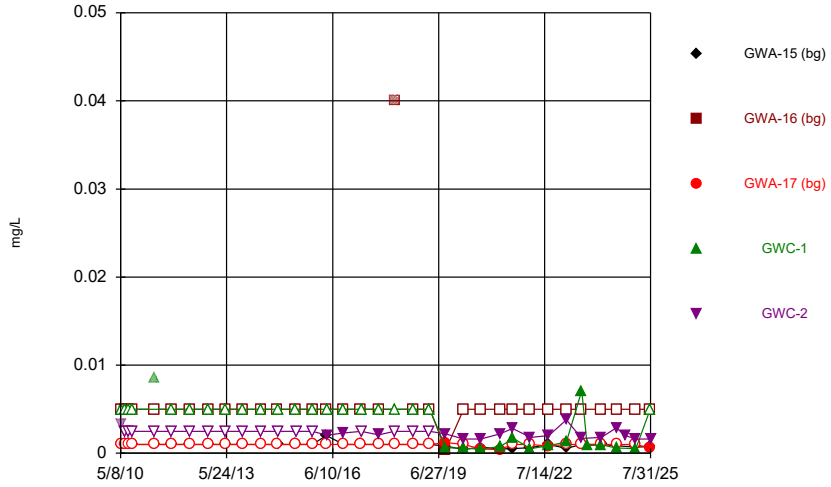
Time Series



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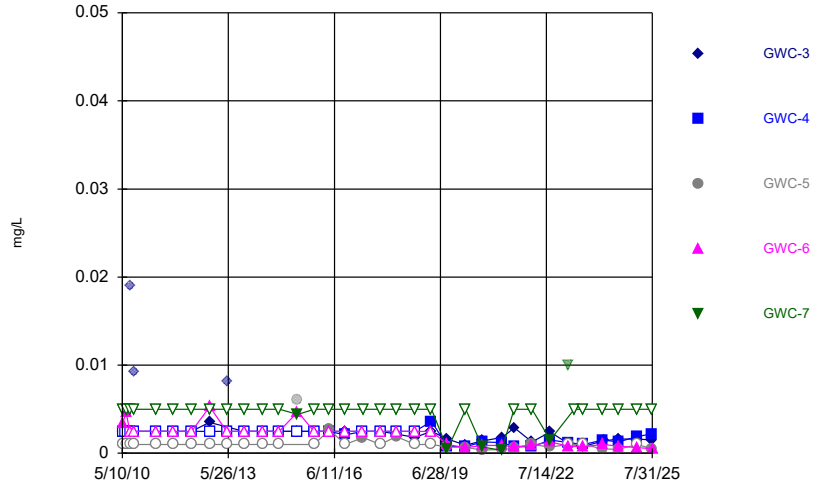
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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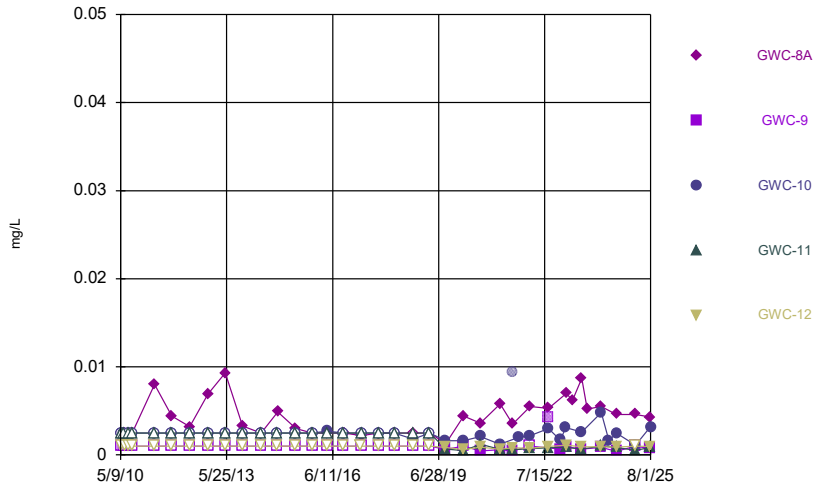
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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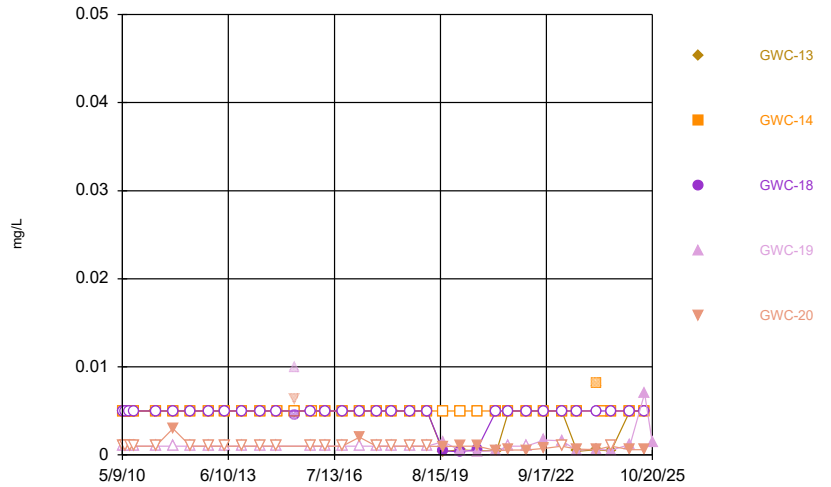
Hollow symbols indicate censored values.

Time Series



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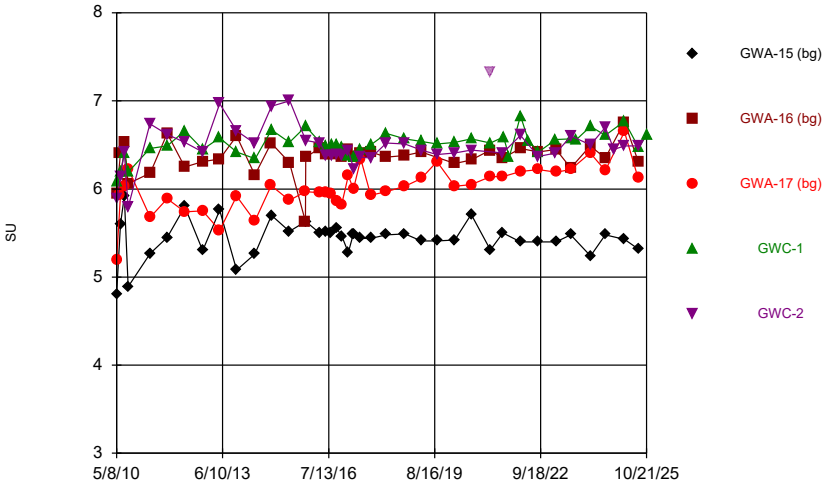
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

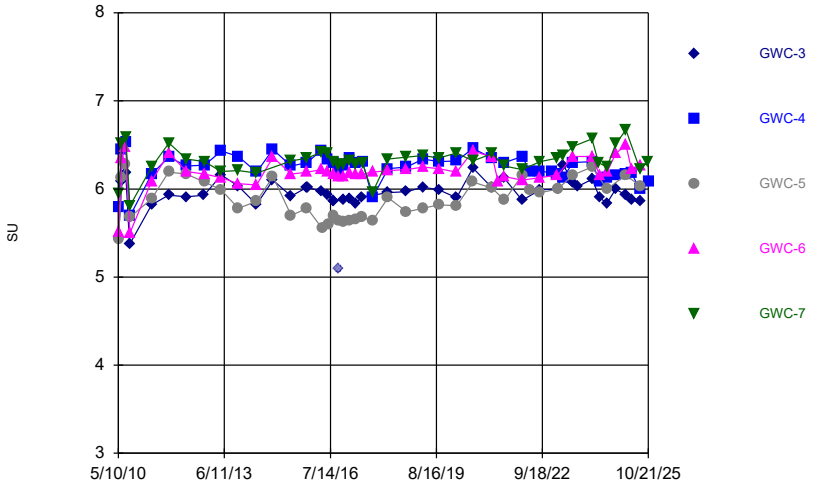
Time Series



Constituent: pH, Field Analysis Run 12/11/2025 1:40 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series



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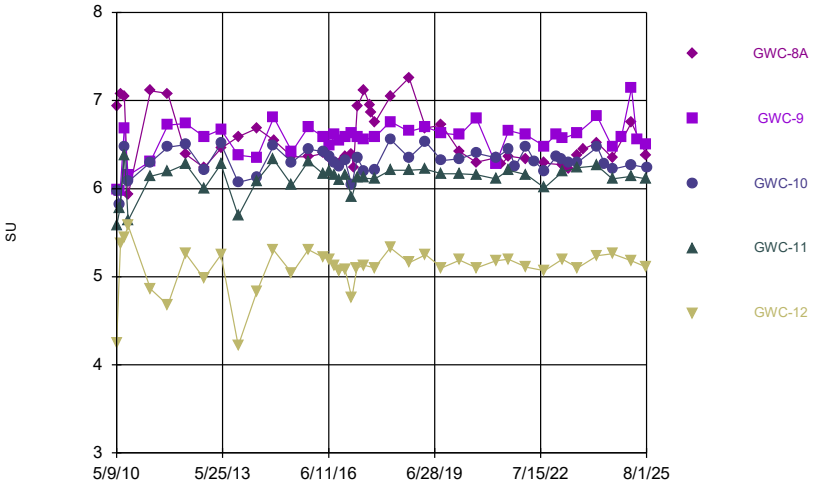
Time Series



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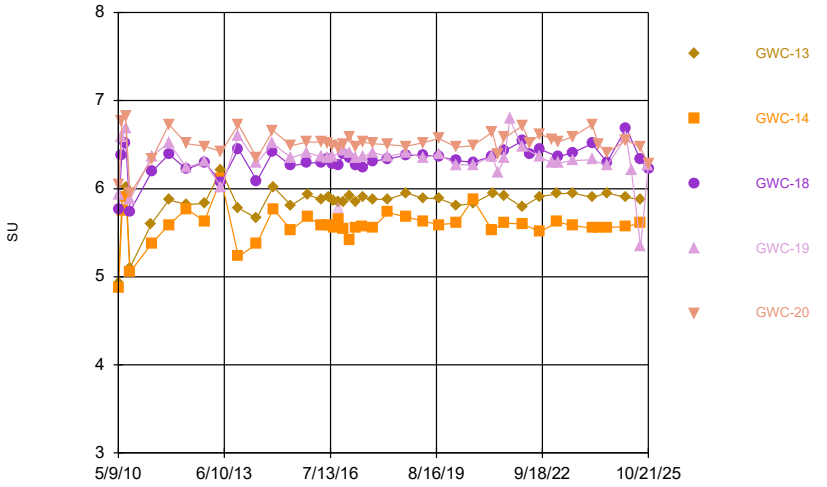
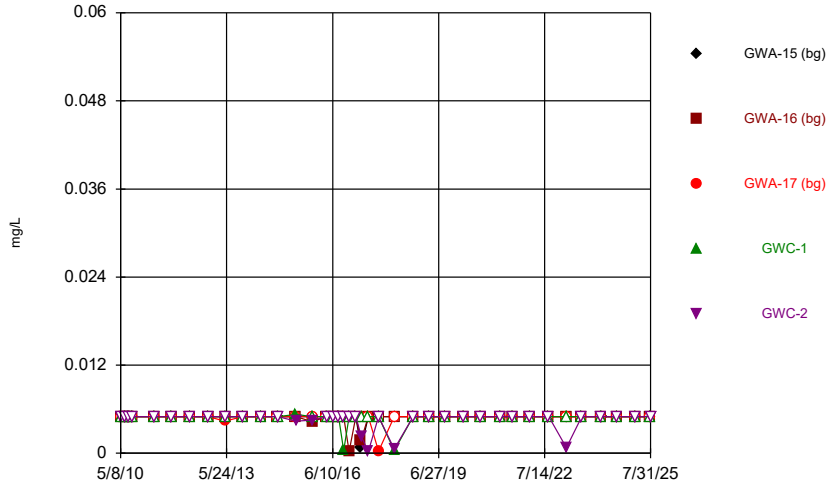
Time Series



Constituent: pH, Field Analysis Run 12/11/2025 1:40 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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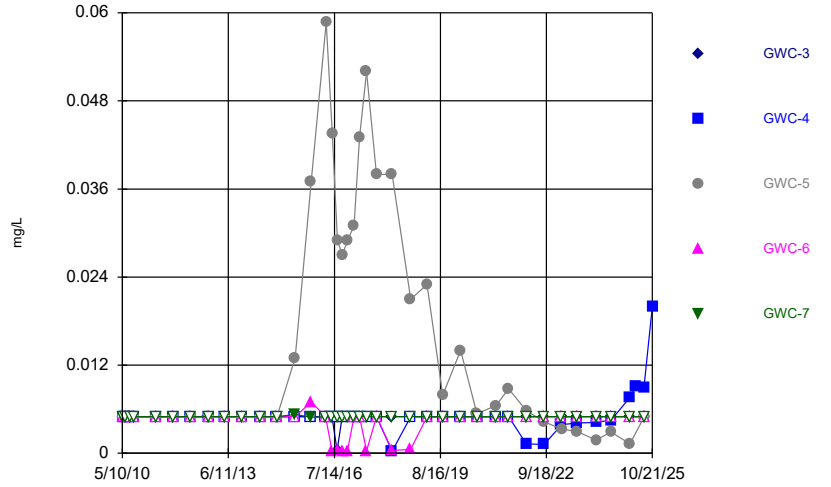
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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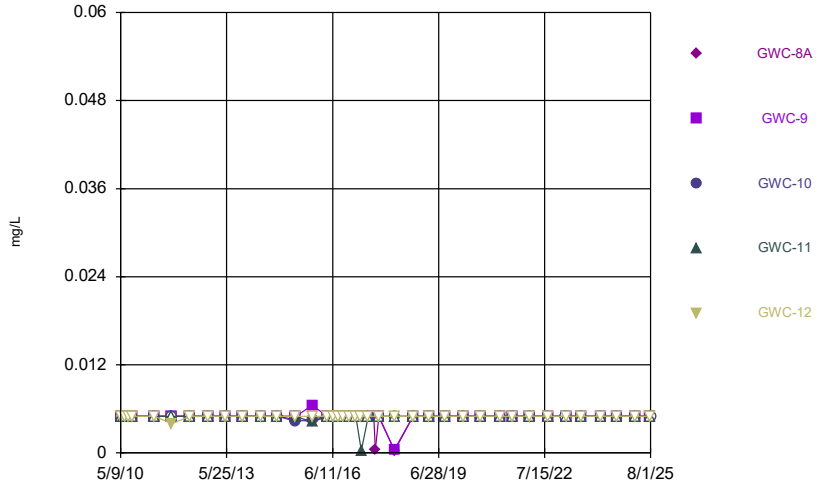

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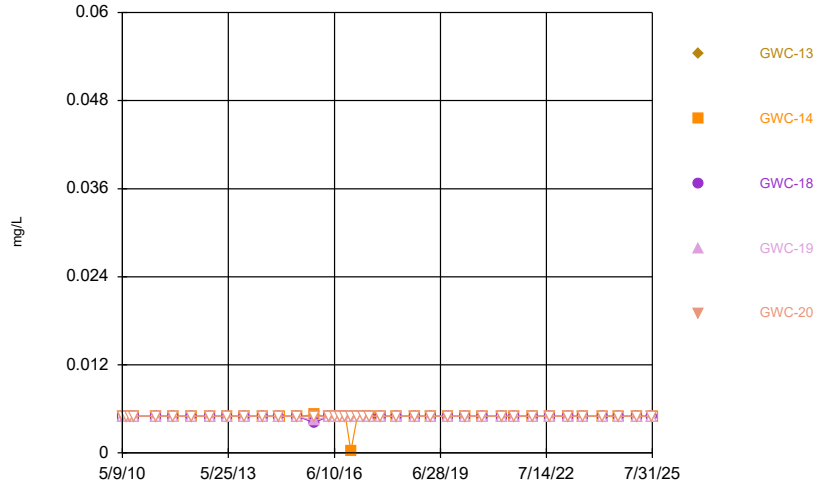

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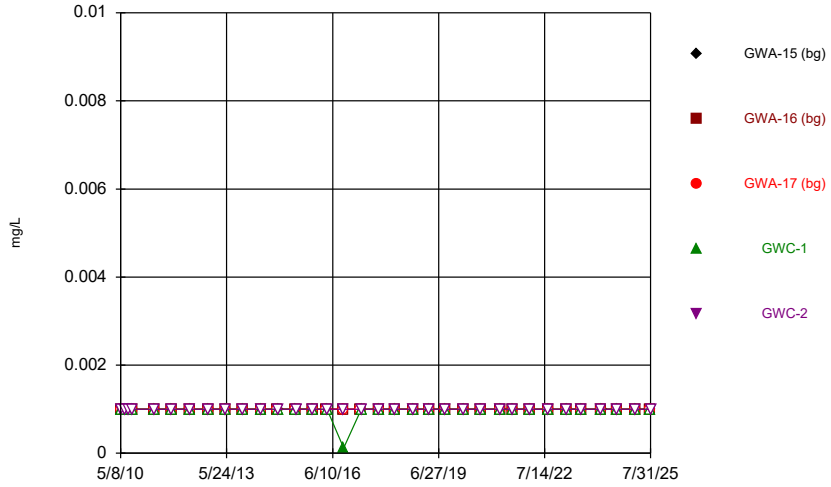
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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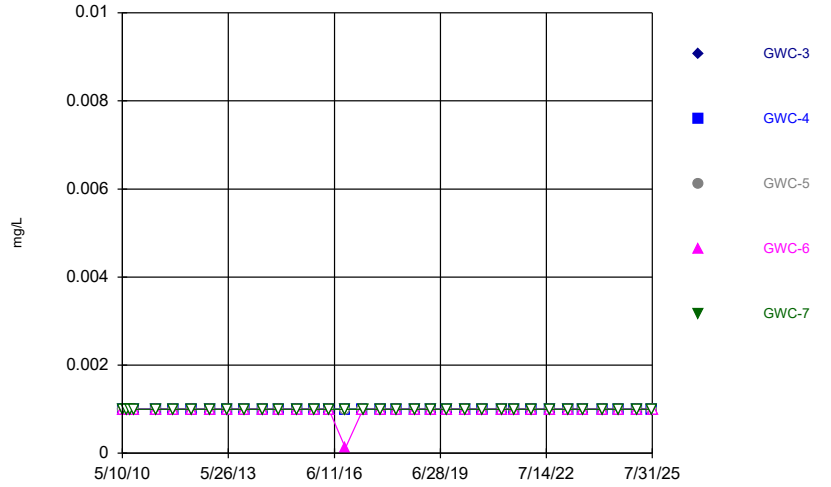
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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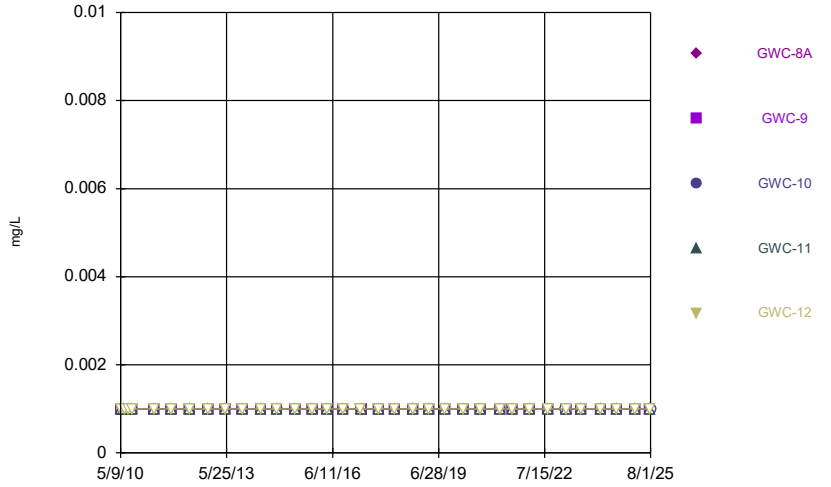

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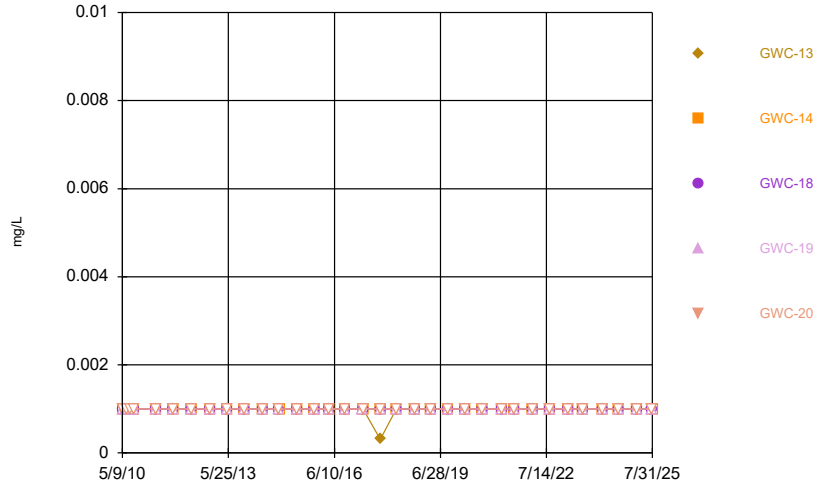

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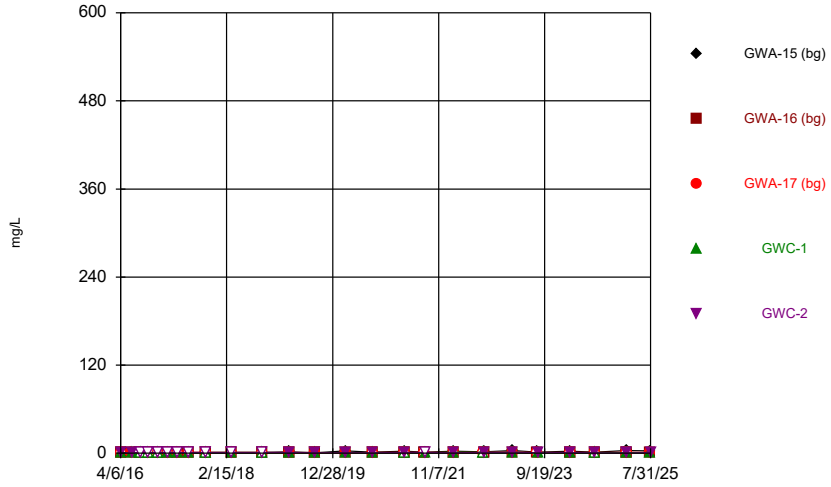

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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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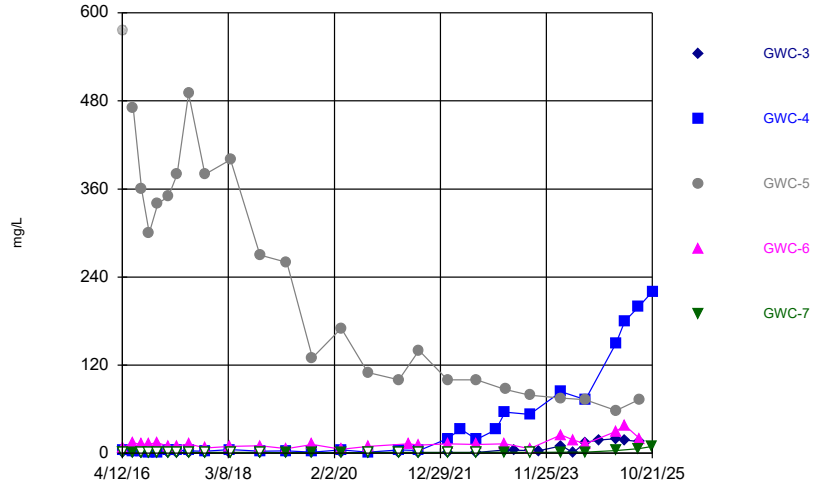

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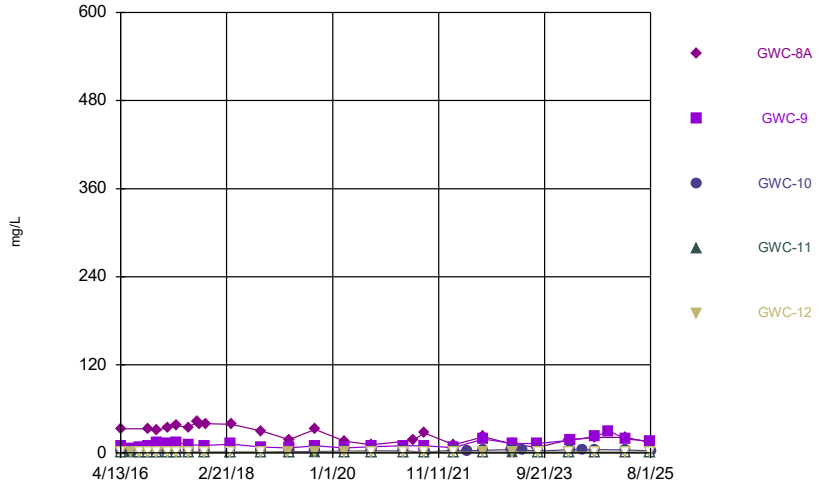

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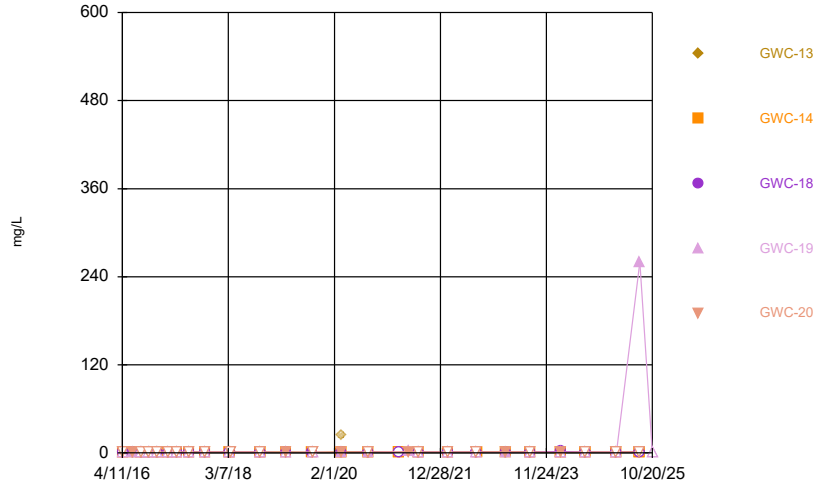

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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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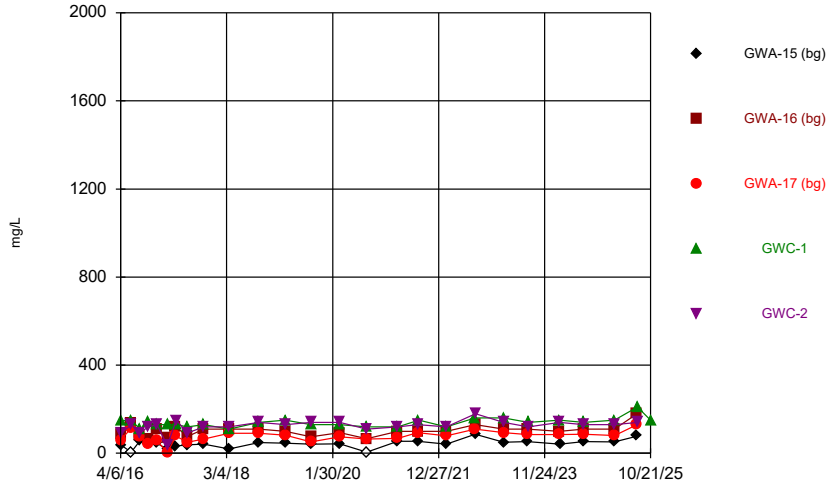

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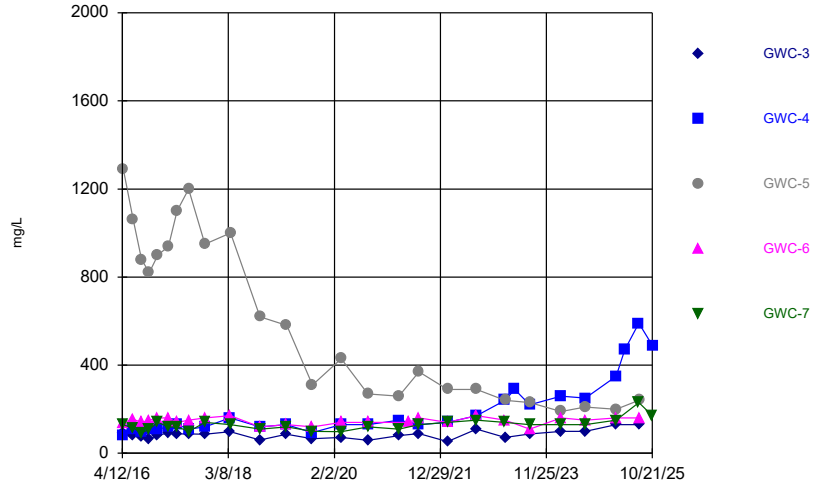
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series



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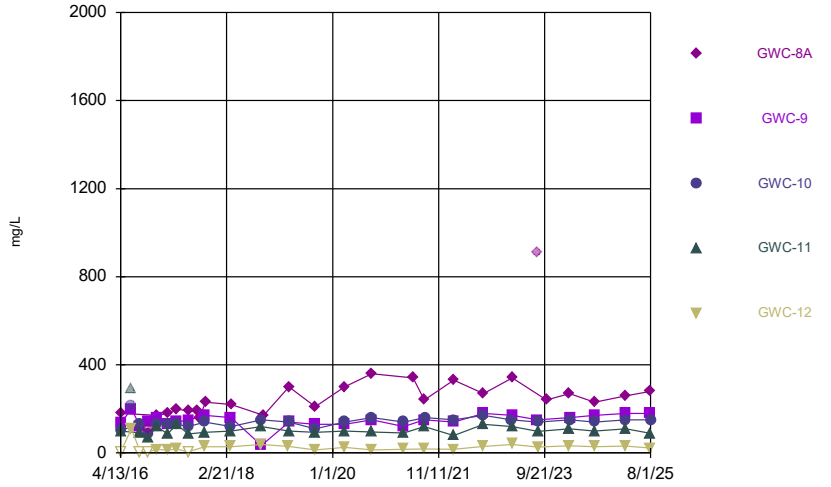

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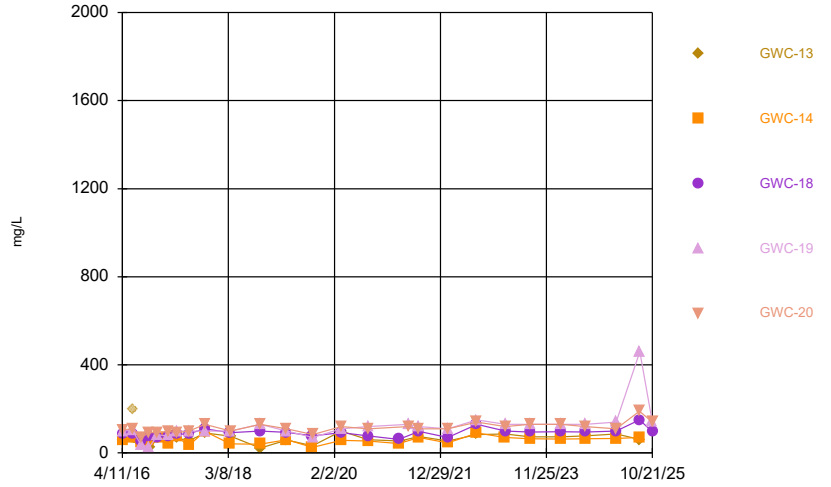
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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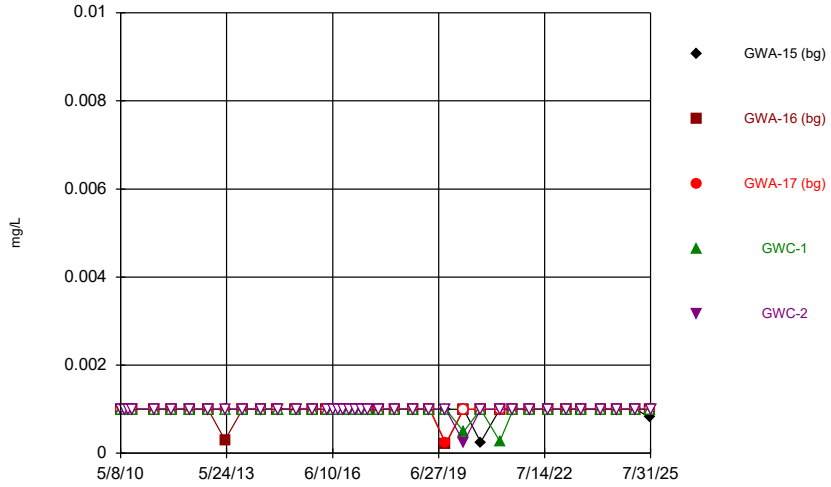
Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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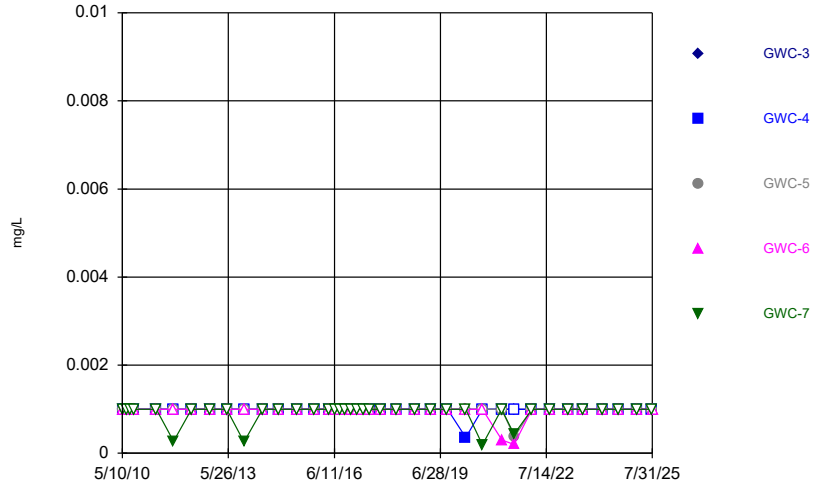
Time Series



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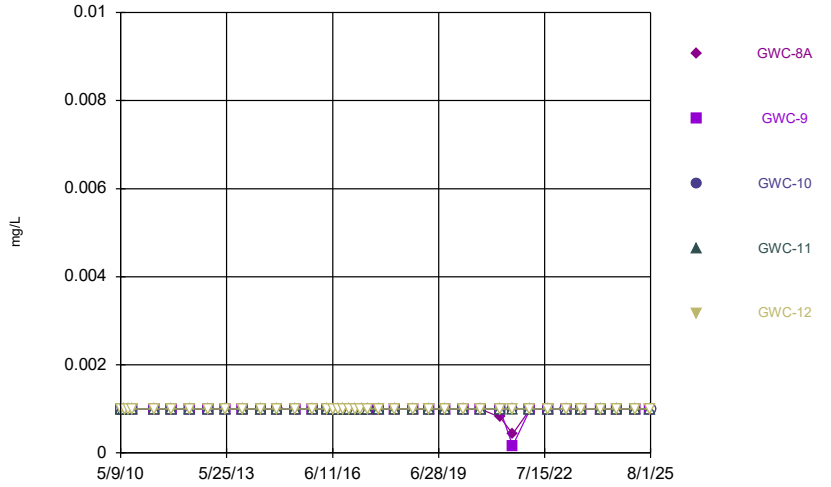

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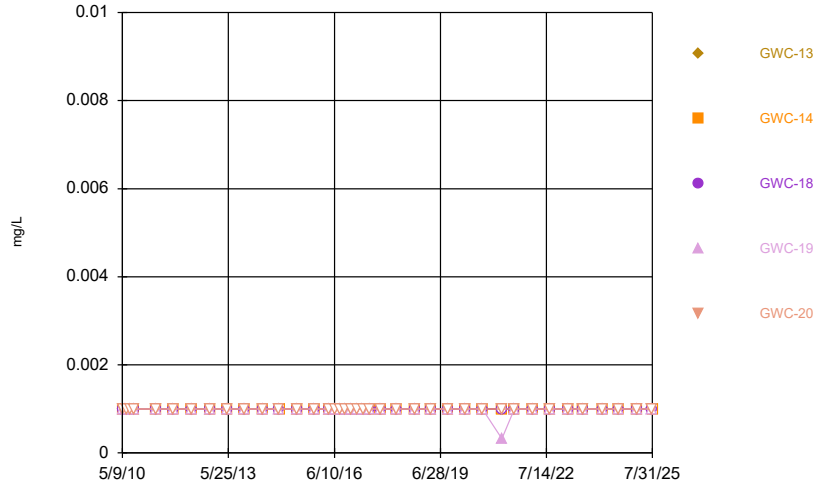

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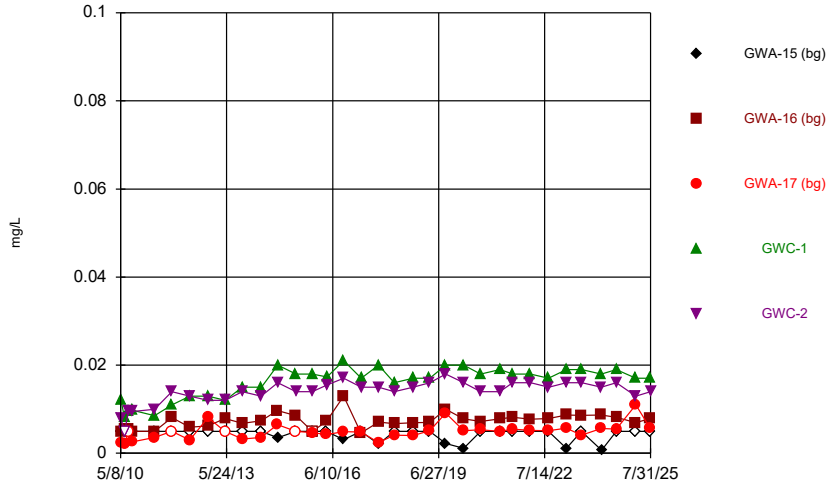
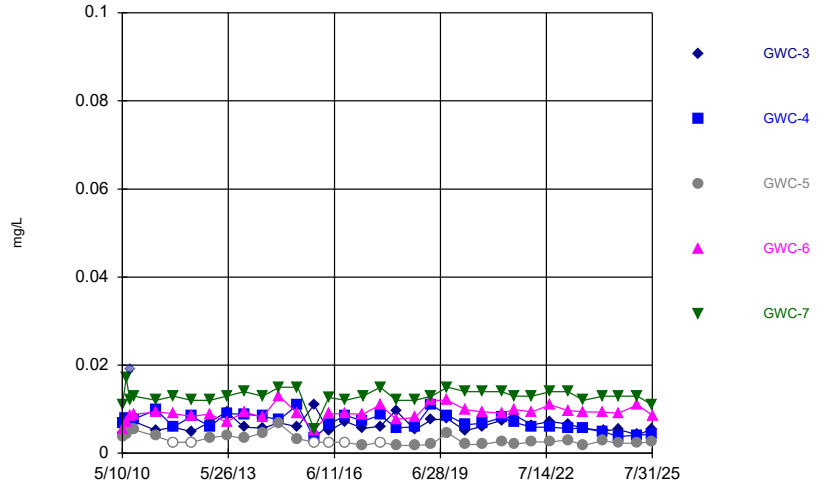


Constituent: Vanadium Analysis Run 12/11/2025 1:41 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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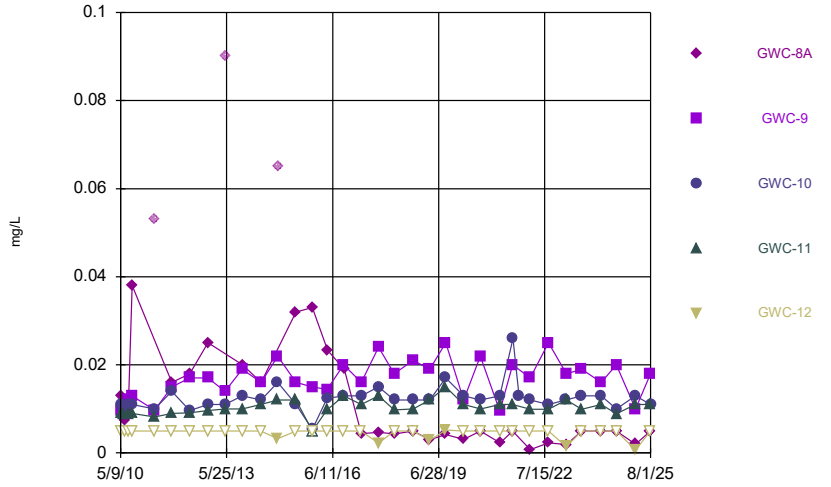

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

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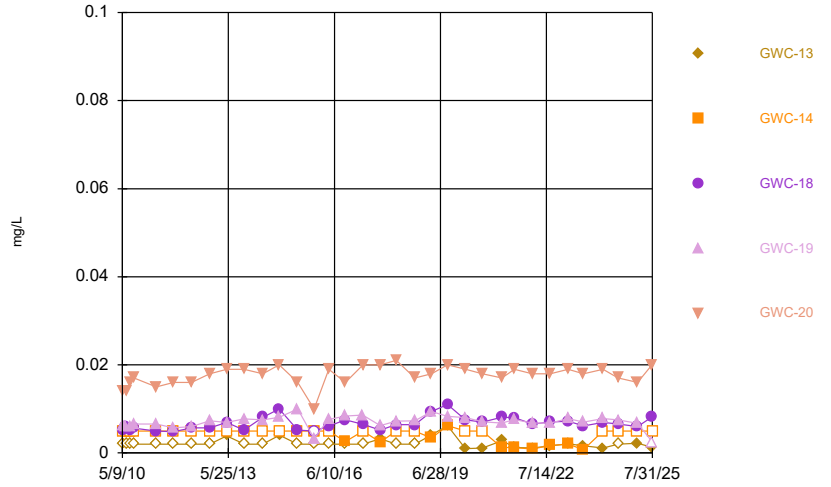
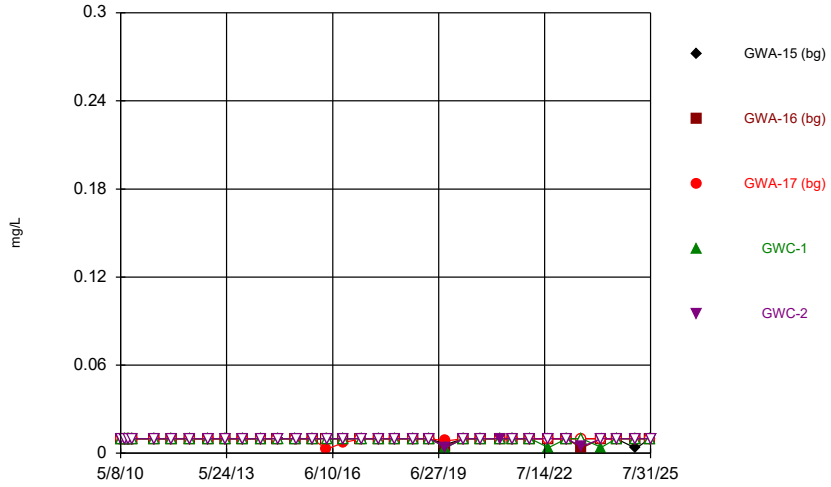


Constituent: Vanadium Analysis Run 12/11/2025 1:41 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 12/11/2025 1:41 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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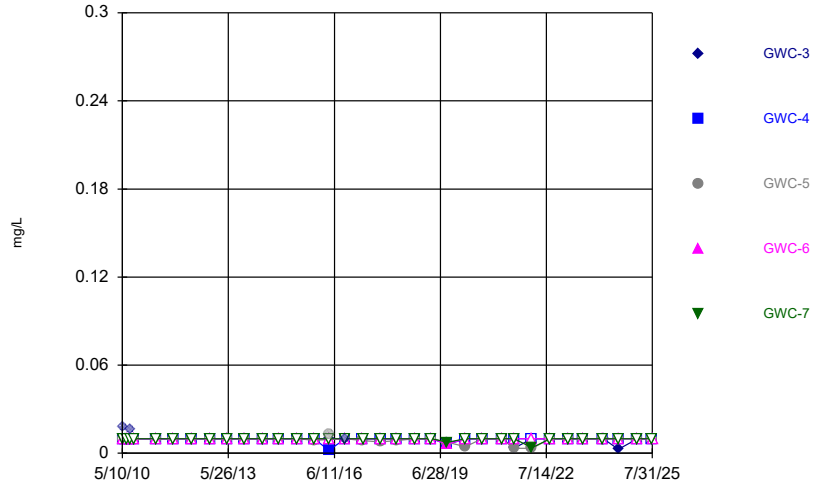
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 12/11/2025 1:41 PM
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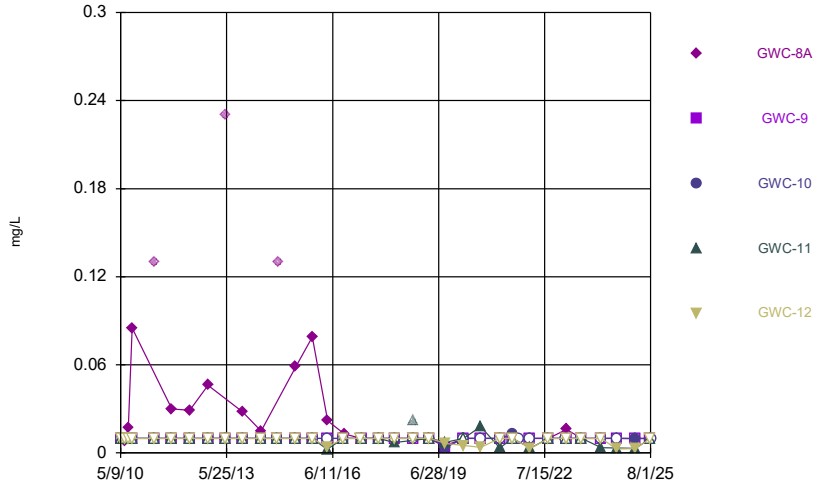
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 12/11/2025 1:41 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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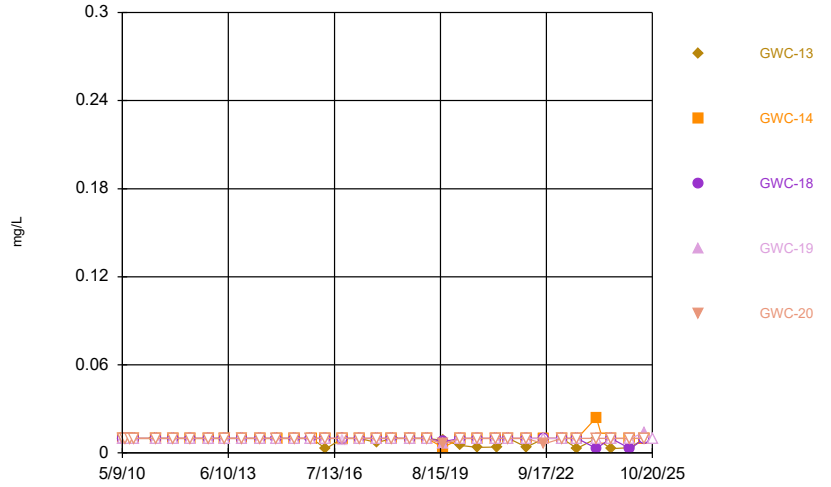
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 12/11/2025 1:41 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/11/2010				<0.005	<0.005
6/16/2010		<0.005	<0.005		
6/17/2010				<0.005	
6/18/2010	<0.005				
6/19/2010					<0.005
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005				
9/7/2010		<0.005	<0.005		
9/9/2010	<0.005			<0.005	<0.005
4/28/2011				<0.005	<0.005
4/29/2011		<0.005	<0.005		
4/30/2011	<0.005				
10/28/2011	<0.005	<0.005	<0.005		<0.005
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/22/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				
11/13/2014				<0.005	<0.005
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				<0.005	
5/24/2015					<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.005			<0.005	<0.005
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	<0.005
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	<0.005
10/4/2016	<0.005	<0.005		<0.005	<0.005
10/5/2016			<0.005		
11/29/2016		<0.005	<0.005		
11/30/2016	<0.005			<0.005	<0.005
2/7/2017	<0.005	0.001 (J)	<0.005	<0.005	<0.005
4/4/2017	<0.005	<0.005	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
6/20/2017	<0.005	<0.005	<0.005	<0.005	<0.005
10/4/2017	<0.005			<0.005	<0.005
10/5/2017		<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.005	<0.005	<0.005	<0.005	<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005	0.00042 (J)
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	0.0013 (J)
8/11/2021	<0.005	<0.005	<0.005		
8/12/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	<0.005	
8/25/2022	<0.005	<0.005			
8/26/2022					<0.005
2/27/2023				<0.005	<0.005
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	<0.005	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				<0.005	<0.005
3/4/2024	<0.005				
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025	<0.005	<0.005		<0.005	<0.005
2/26/2025			<0.005		
7/24/2025	<0.005	<0.005	<0.005		
7/25/2025				<0.005	
7/31/2025					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.005
5/11/2010	<0.005	<0.005	<0.005	<0.005	
6/17/2010	<0.005	<0.005			
6/18/2010			<0.005	<0.005	<0.005
7/27/2010			<0.005	<0.005	
7/28/2010	<0.005	<0.005			<0.005
9/7/2010	<0.005				
9/8/2010		<0.005			
9/9/2010			<0.005	<0.005	<0.005
4/28/2011		<0.005			
4/29/2011	<0.005		<0.005		
4/30/2011				<0.005	<0.005
10/28/2011	<0.005		<0.005		
10/29/2011		<0.005		<0.005	<0.005
5/3/2012	<0.005	<0.005			
5/4/2012			<0.005	<0.005	<0.005
11/9/2012	<0.005				
11/10/2012		<0.005	<0.005	<0.005	<0.005
5/9/2013			<0.005	<0.005	<0.005
5/10/2013	<0.005	<0.005			
11/6/2013	<0.005	<0.005	<0.005		
11/7/2013				<0.005	<0.005
5/21/2014				<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005		
11/9/2014	<0.005	<0.005	<0.005	<0.005	
11/12/2014					<0.005
5/22/2015	<0.005	<0.005			
5/24/2015			<0.005	<0.005	<0.005
11/10/2015	<0.005				
11/11/2015		<0.005	<0.005	<0.005	<0.005
4/12/2016	<0.005	<0.005		<0.005	
4/13/2016					<0.005
4/19/2016			<0.005		
6/20/2016	0.0002 (J)	<0.005		<0.005	0.0002 (J)
6/22/2016			<0.005		
8/12/2016	<0.005	<0.005		<0.005	
8/15/2016					<0.005
8/16/2016			<0.005		
10/5/2016	<0.005				
10/6/2016		<0.005	<0.005	<0.005	<0.005
11/30/2016	<0.005	<0.005		<0.005	
12/1/2016			<0.005		<0.005
2/8/2017	<0.005	<0.005			
2/9/2017			<0.005	<0.005	<0.005
4/6/2017	<0.005	<0.005	<0.005	<0.005	
4/7/2017					<0.005
6/21/2017	<0.005		<0.005	<0.005	
6/22/2017		<0.005			<0.005
10/5/2017	<0.005		<0.005		
10/6/2017		<0.005		<0.005	<0.005
3/21/2018	<0.005	<0.005		<0.005	
3/22/2018			<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.005	<0.005	<0.005	<0.005	
10/4/2018					<0.005
3/26/2019	<0.005	<0.005		<0.005	
3/27/2019			<0.005		<0.005
9/10/2019	<0.005	<0.005			
9/11/2019			<0.005	<0.005	<0.005
3/18/2020	<0.005		<0.005	<0.005	
3/19/2020		<0.005			<0.005
9/9/2020			<0.005		
9/10/2020	<0.005	<0.005		<0.005	<0.005
4/1/2021			<0.005		<0.005
4/2/2021		<0.005			
4/5/2021				<0.005	
4/6/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	<0.005	<0.005	<0.005		
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022	<0.005	0.00058 (J)	<0.005	<0.005	<0.005
2/27/2023		<0.005		<0.005	<0.005
2/28/2023	<0.005		<0.005		
8/8/2023		<0.005	<0.005	<0.005	<0.005
8/9/2023	<0.005				
2/29/2024		<0.005	<0.005	<0.005	<0.005
3/4/2024	0.0013 (J)				
8/6/2024			<0.005		<0.005
8/7/2024	<0.005	<0.005		<0.005	
2/24/2025				<0.005	<0.005
2/25/2025	<0.005	<0.005	<0.005		
7/24/2025		<0.005			<0.005
7/25/2025	<0.005		<0.005		
7/31/2025				<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	<0.005	<0.005	<0.005	<0.005	
6/16/2010		<0.005	<0.005	<0.005	
6/18/2010					<0.005
6/19/2010	<0.005				
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005		<0.005		
9/8/2010	<0.005	<0.005	<0.005	<0.005	<0.005
4/29/2011		<0.005	<0.005	<0.005	<0.005
4/30/2011	<0.005				
10/27/2011	<0.005	<0.005	<0.005	<0.005	
10/28/2011					<0.005
5/3/2012		<0.005			<0.005
5/4/2012	<0.005		<0.005	<0.005	
11/10/2012				<0.005	<0.005
11/11/2012	<0.005	<0.005	<0.005		
5/9/2013		<0.005	<0.005	<0.005	<0.005
5/10/2013	<0.005				
11/5/2013			<0.005		
11/6/2013		<0.005		<0.005	<0.005
11/7/2013	<0.005				
5/20/2014				<0.005	<0.005
5/21/2014	<0.005	<0.005	<0.005		
11/12/2014		<0.005	<0.005	<0.005	<0.005
11/13/2014	<0.005				
5/23/2015	<0.005	<0.005	<0.005		<0.005
5/24/2015				<0.005	
11/11/2015	<0.005				
11/12/2015		<0.005	<0.005	<0.005	<0.005
4/13/2016		<0.005	<0.005	<0.005	0.000646 (J)
4/19/2016	<0.005				
6/21/2016			<0.005	<0.005	<0.005
6/22/2016		<0.005			
8/15/2016		<0.005	<0.005	<0.005	<0.005
10/5/2016			<0.005	<0.005	<0.005
10/6/2016		<0.005			
10/10/2016	<0.005				
12/1/2016	<0.005	<0.005	<0.005	<0.005	<0.005
2/8/2017		<0.005	<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017					<0.005
4/6/2017		<0.005	<0.005	<0.005	
4/7/2017	<0.005				
6/20/2017				<0.005	<0.005
6/21/2017	<0.005	<0.005	<0.005		
8/15/2017	<0.005				
9/1/2017	<0.005				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/9/2017	<0.005				
3/21/2018		<0.005	<0.005	<0.005	<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.005				
3/26/2019					<0.005
3/27/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005		
9/10/2020				<0.005	<0.005
4/1/2021		<0.005	<0.005	<0.005	<0.005
4/5/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	<0.005	<0.005			
8/17/2021			<0.005		
2/15/2022	<0.005	<0.005	<0.005		
2/16/2022				<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	
8/26/2022					<0.005
2/21/2023			<0.005		
2/27/2023	<0.005	<0.005		<0.005	<0.005
8/8/2023	<0.005	<0.005			
8/9/2023			<0.005	<0.005	<0.005
2/29/2024	<0.005			<0.005	<0.005
3/1/2024		<0.005	<0.005		
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/24/2025	<0.005	<0.005	<0.005	<0.005	<0.005
7/30/2025				<0.005	<0.005
7/31/2025	<0.005	<0.005			
8/1/2025			<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.005	<0.005			
5/10/2010			<0.005		
5/11/2010				<0.005	<0.005
6/16/2010			<0.005	<0.005	
6/17/2010					<0.005
6/18/2010	<0.005	<0.005			
7/26/2010			<0.005		
7/27/2010				<0.005	<0.005
7/28/2010		<0.005			
7/29/2010	<0.005				
9/7/2010			<0.005	<0.005	<0.005
9/9/2010	<0.005	<0.005			
4/26/2011	<0.005				
4/29/2011			<0.005	<0.005	<0.005
4/30/2011		<0.005			
10/28/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/2/2012			<0.005	<0.005	
5/3/2012		<0.005			<0.005
5/4/2012	<0.005				
11/9/2012			<0.005	<0.005	
11/10/2012		<0.005			<0.005
11/11/2012	<0.005				
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013			<0.005	<0.005	<0.005
11/7/2013	<0.005				
5/20/2014	<0.005	<0.005			
5/22/2014				<0.005	<0.005
5/23/2014			<0.005		
11/8/2014			<0.005	<0.005	
11/9/2014					<0.005
11/12/2014	<0.005	<0.005			
5/22/2015			<0.005	<0.005	<0.005
5/24/2015	<0.005	<0.005			
11/10/2015			<0.005	<0.005	<0.005
11/11/2015		<0.005			
11/12/2015	<0.005				
4/11/2016			<0.005	<0.005	
4/12/2016					<0.005
4/13/2016	<0.005	<0.005			
6/16/2016			0.00018 (J)	0.00014 (J)	<0.005
6/21/2016	0.0003 (J)	<0.005			
8/11/2016			<0.005	<0.005	<0.005
8/15/2016	<0.005	<0.005			
10/4/2016		<0.005			
10/5/2016			<0.005	<0.005	<0.005
10/7/2016	<0.005				
11/29/2016			<0.005	<0.005	
11/30/2016					<0.005
12/1/2016	<0.005	<0.005			
2/7/2017		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017				<0.005	
4/6/2017	<0.005	<0.005	<0.005		<0.005
6/20/2017		<0.005			
6/21/2017			<0.005	<0.005	<0.005
6/22/2017	<0.005				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/6/2017	<0.005				
3/20/2018		<0.005	<0.005	<0.005	
3/21/2018					<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.005	
10/3/2018	<0.005				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005	0.00039 (J)		
9/12/2019				<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005		
3/19/2020				<0.005	<0.005
9/9/2020		<0.005	<0.005	<0.005	
9/10/2020	<0.005				<0.005
4/1/2021		<0.005	<0.005		
4/5/2021				<0.005	<0.005
4/6/2021	<0.005				
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022			<0.005	<0.005	<0.005
8/26/2022	<0.005	<0.005			
2/27/2023	<0.005	<0.005			
2/28/2023			<0.005	<0.005	<0.005
8/8/2023				<0.005	<0.005
8/9/2023	<0.005	<0.005	<0.005		
2/29/2024			<0.005	<0.005	
3/1/2024	<0.005	<0.005			<0.005
8/6/2024	<0.005		<0.005	<0.005	<0.005
8/8/2024		<0.005			
2/24/2025	<0.005				
2/25/2025		<0.005	<0.005	<0.005	<0.005
7/28/2025			<0.005		<0.005
7/30/2025	<0.005			<0.005	
7/31/2025		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/11/2010				<0.005	<0.005
6/16/2010		<0.005	<0.005		
6/17/2010				<0.005	
6/18/2010	<0.005				
6/19/2010					<0.005
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005				
9/7/2010		<0.005	<0.005		
9/9/2010	<0.005			<0.005	<0.005
4/28/2011				<0.005	<0.005
4/29/2011		<0.005	<0.005		
4/30/2011	<0.005				
10/28/2011	<0.005	<0.005	<0.005		<0.005
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/22/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				
11/13/2014				<0.005	<0.005
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				<0.005	
5/24/2015					<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.005			<0.005	<0.005
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	<0.005
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				6E-05 (J)	5.5E-05 (J)
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	<0.005
10/4/2016	<0.005	<0.005		0.00079 (J)	<0.005
10/5/2016			<0.005		
11/29/2016		<0.005	<0.005		
11/30/2016	<0.005			<0.005	<0.005
2/7/2017	0.0009 (J)	<0.005	<0.005	<0.005	<0.005
4/4/2017	<0.005	<0.005	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
6/20/2017	<0.005	<0.005	<0.005	<0.005	<0.005
10/4/2017	<0.005			<0.005	<0.005
10/5/2017		<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.005	<0.005	<0.005	<0.005	<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019	0.00032 (J)	0.00049 (J)	0.00069 (J)	0.00033 (J)	0.00038 (J)
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/12/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	<0.005	
8/25/2022	<0.005	<0.005			
8/26/2022					<0.005
2/27/2023				<0.005	<0.005
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	<0.005	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				<0.005	<0.005
3/4/2024	<0.005				
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025	<0.005	<0.005		<0.005	<0.005
2/26/2025			<0.005		
7/24/2025	<0.005	<0.005	<0.005		
7/25/2025				<0.005	
7/31/2025					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.005
5/11/2010	<0.005	<0.005	<0.005	<0.005	
6/17/2010	<0.005	<0.005			
6/18/2010			<0.005	<0.005	<0.005
7/27/2010			<0.005	<0.005	
7/28/2010	<0.005	<0.005			<0.005
9/7/2010	<0.005				
9/8/2010		<0.005			
9/9/2010			<0.005	<0.005	<0.005
4/28/2011		<0.005			
4/29/2011	<0.005		<0.005		
4/30/2011				<0.005	<0.005
10/28/2011	<0.005		<0.005		
10/29/2011		<0.005		<0.005	<0.005
5/3/2012	<0.005	<0.005			
5/4/2012			<0.005	<0.005	<0.005
11/9/2012	<0.005				
11/10/2012		<0.005	<0.005	<0.005	<0.005
5/9/2013			<0.005	<0.005	<0.005
5/10/2013	<0.005	<0.005			
11/6/2013	<0.005	<0.005	<0.005		
11/7/2013				<0.005	<0.005
5/21/2014				<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005		
11/9/2014	<0.005	<0.005	<0.005	<0.005	
11/12/2014					<0.005
5/22/2015	<0.005	<0.005			
5/24/2015			<0.005	<0.005	<0.005
11/10/2015	<0.005				
11/11/2015		<0.005	<0.005	<0.005	<0.005
4/12/2016	<0.005	<0.005		<0.005	
4/13/2016					<0.005
4/19/2016			<0.005		
6/20/2016	<0.005	<0.005		6.3E-05 (J)	<0.005
6/22/2016			0.0008 (J)		
8/12/2016	0.00053 (J)	<0.005		<0.005	
8/15/2016					<0.005
8/16/2016			<0.005		
10/5/2016	<0.005				
10/6/2016		<0.005	<0.005	<0.005	<0.005
11/30/2016	<0.005	<0.005		<0.005	
12/1/2016			<0.005		<0.005
2/8/2017	<0.005	0.00047 (J)			
2/9/2017			0.0014	<0.005	<0.005
4/6/2017	<0.005	<0.005	<0.005	<0.005	
4/7/2017					<0.005
6/21/2017	<0.005		<0.005	<0.005	
6/22/2017		<0.005			<0.005
10/5/2017	<0.005		<0.005		
10/6/2017		<0.005		<0.005	<0.005
3/21/2018	0.00089 (J)	<0.005		<0.005	
3/22/2018			0.00046 (J)		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.005	<0.005	<0.005	<0.005	
10/4/2018					<0.005
3/26/2019	<0.005	<0.005		<0.005	
3/27/2019			<0.005		<0.005
9/10/2019	0.00032 (J)	0.00032 (J)			
9/11/2019			0.00038 (J)	0.00041 (J)	0.00038 (J)
3/18/2020	<0.005		<0.005	<0.005	
3/19/2020		<0.005			<0.005
9/9/2020			<0.005		
9/10/2020	<0.005	<0.005		<0.005	<0.005
4/1/2021			<0.005		<0.005
4/2/2021		<0.005			
4/5/2021				<0.005	
4/6/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	<0.005	<0.005	<0.005		
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/27/2023		<0.005		<0.005	<0.005
2/28/2023	<0.005		<0.005		
8/8/2023		<0.005	<0.005	<0.005	<0.005
8/9/2023	<0.005				
2/29/2024		<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005				
8/6/2024			<0.005		<0.005
8/7/2024	<0.005	<0.005		<0.005	
2/24/2025				<0.005	<0.005
2/25/2025	<0.005	<0.005	<0.005		
7/24/2025		<0.005			<0.005
7/25/2025	<0.005		<0.005		
7/31/2025				<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	<0.005	<0.005	<0.005	<0.005	
6/16/2010		<0.005	<0.005	<0.005	
6/18/2010					<0.005
6/19/2010	<0.005				
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005		<0.005		
9/8/2010	<0.005	<0.005	<0.005	<0.005	<0.005
4/29/2011		<0.005	<0.005	<0.005	<0.005
4/30/2011	<0.005				
10/27/2011	<0.005	<0.005	<0.005	<0.005	
10/28/2011					<0.005
5/3/2012		<0.005			<0.005
5/4/2012	<0.005		<0.005	<0.005	
11/10/2012				<0.005	<0.005
11/11/2012	<0.005	<0.005	<0.005		
5/9/2013		<0.005	<0.005	<0.005	<0.005
5/10/2013	<0.005				
11/5/2013			<0.005		
11/6/2013		<0.005		<0.005	<0.005
11/7/2013	<0.005				
5/20/2014				<0.005	<0.005
5/21/2014	<0.005	<0.005	<0.005		
11/12/2014		<0.005	<0.005	<0.005	<0.005
11/13/2014	<0.005				
5/23/2015	<0.005	<0.005	<0.005		<0.005
5/24/2015				<0.005	
11/11/2015	<0.005				
11/12/2015		<0.005	<0.005	<0.005	<0.005
4/13/2016		<0.005	<0.005	<0.005	<0.005
4/19/2016	<0.005				
6/21/2016			<0.005	<0.005	<0.005
6/22/2016		<0.005			
8/15/2016		<0.005	<0.005	<0.005	<0.005
10/5/2016			<0.005	<0.005	<0.005
10/6/2016		<0.005			
10/10/2016	<0.005				
12/1/2016	<0.005	<0.005	<0.005	<0.005	<0.005
2/8/2017		<0.005	<0.005	<0.005	<0.005
2/9/2017	0.001 (J)				
4/5/2017					<0.005
4/6/2017		<0.005	<0.005	<0.005	
4/7/2017	<0.005				
6/20/2017				<0.005	<0.005
6/21/2017	0.0014	<0.005	<0.005		
8/15/2017	0.00086 (J)				
9/1/2017	0.00075 (J)				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/9/2017	0.0013				
3/21/2018		<0.005	<0.005	<0.005	<0.005
3/22/2018	0.00075 (J)				
10/2/2018		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.005				
3/26/2019					<0.005
3/27/2019	0.0012 (J)	0.00062 (J)	<0.005	<0.005	
9/11/2019	0.001 (J)	0.00055 (J)	0.00055 (J)	0.00045 (J)	0.00038 (J)
3/18/2020	0.00042 (J)	<0.005	<0.005	<0.005	<0.005
9/9/2020	0.00092 (J)	<0.005	<0.005		
9/10/2020				<0.005	<0.005
4/1/2021		<0.005	<0.005	<0.005	<0.005
4/5/2021	0.00097 (J)				
8/11/2021				<0.005	<0.005
8/12/2021	0.00081 (J)	<0.005			
8/17/2021			<0.005		
2/15/2022	0.00047 (J)	<0.005	<0.005		
2/16/2022				<0.005	<0.005
8/25/2022	0.00048 (J)	0.00037 (J)	<0.005	<0.005	
8/26/2022					<0.005
2/21/2023			<0.005		
2/27/2023	0.0005 (J)	<0.005		<0.005	<0.005
8/8/2023	0.00091 (J)	<0.005			
8/9/2023			<0.005	<0.005	<0.005
2/29/2024	0.00089 (J)			<0.005	<0.005
3/1/2024		<0.005	<0.005		
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/24/2025	<0.005	<0.005	<0.005	<0.005	<0.005
7/30/2025				<0.005	<0.005
7/31/2025	<0.005	<0.005			
8/1/2025			<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.005	<0.005			
5/10/2010			<0.005		
5/11/2010				<0.005	<0.005
6/16/2010			<0.005	<0.005	
6/17/2010					<0.005
6/18/2010	<0.005	<0.005			
7/26/2010			<0.005		
7/27/2010				<0.005	<0.005
7/28/2010		<0.005			
7/29/2010	<0.005				
9/7/2010			<0.005	<0.005	<0.005
9/9/2010	<0.005	<0.005			
4/26/2011	<0.005				
4/29/2011			<0.005	<0.005	<0.005
4/30/2011		<0.005			
10/28/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/2/2012			<0.005	<0.005	
5/3/2012		<0.005			<0.005
5/4/2012	<0.005				
11/9/2012			<0.005	<0.005	
11/10/2012		<0.005			<0.005
11/11/2012	<0.005				
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013			<0.005	<0.005	<0.005
11/7/2013	<0.005				
5/20/2014	<0.005	<0.005			
5/22/2014				<0.005	<0.005
5/23/2014			<0.005		
11/8/2014			<0.005	<0.005	
11/9/2014					<0.005
11/12/2014	<0.005	<0.005			
5/22/2015			<0.005	<0.005	<0.005
5/24/2015	<0.005	<0.005			
11/10/2015			<0.005	<0.005	<0.005
11/11/2015		<0.005			
11/12/2015	<0.005				
4/11/2016			<0.005	<0.005	
4/12/2016					<0.005
4/13/2016	<0.005	<0.005			
6/16/2016			<0.005	5.1E-05 (J)	5.4E-05 (J)
6/21/2016	<0.005	<0.005			
8/11/2016			<0.005	<0.005	<0.005
8/15/2016	<0.005	<0.005			
10/4/2016		<0.005			
10/5/2016			<0.005	<0.005	<0.005
10/7/2016	<0.005				
11/29/2016			<0.005	<0.005	
11/30/2016					<0.005
12/1/2016	<0.005	<0.005			
2/7/2017		0.00062 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017				<0.005	
4/6/2017	<0.005	<0.005	<0.005		<0.005
6/20/2017		<0.005			
6/21/2017			<0.005	<0.005	<0.005
6/22/2017	<0.005				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/6/2017	<0.005				
3/20/2018		<0.005	<0.005	<0.005	
3/21/2018					0.00078 (J)
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.005	
10/3/2018	<0.005				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	0.00042 (J)	0.00045 (J)	0.00043 (J)		
9/12/2019				<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005		
3/19/2020				<0.005	<0.005
9/9/2020		<0.005	<0.005	<0.005	
9/10/2020	<0.005				<0.005
4/1/2021		<0.005	<0.005		
4/5/2021				<0.005	<0.005
4/6/2021	<0.005				
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022			<0.005	<0.005	<0.005
8/26/2022	<0.005	<0.005			
2/27/2023	<0.005	<0.005			
2/28/2023			<0.005	<0.005	<0.005
8/8/2023				<0.005	<0.005
8/9/2023	<0.005	<0.005	<0.005		
2/29/2024			<0.005	<0.005	
3/1/2024	<0.005	<0.005			<0.005
8/6/2024	<0.005		<0.005	<0.005	<0.005
8/8/2024		<0.005			
2/24/2025	<0.005				
2/25/2025		<0.005	<0.005	<0.005	<0.005
7/28/2025			<0.005		<0.005
7/30/2025	<0.005			<0.005	
7/31/2025		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			0.048 (J)		
5/9/2010	0.01 (J)	0.031 (J)			
5/11/2010				0.054 (J)	0.048 (J)
6/16/2010		0.029 (J)	0.044 (J)		
6/17/2010				0.054 (J)	
6/18/2010	0.01 (J)				
6/19/2010					0.033 (J)
7/26/2010			0.042 (J)		
7/27/2010		0.029 (J)		0.054 (J)	0.047 (J)
7/28/2010	0.011 (J)				
9/7/2010		0.028 (J)	0.04 (J)		
9/9/2010	0.011 (J)			0.046 (J)	0.045 (J)
4/28/2011				0.057 (J)	0.048 (J)
4/29/2011		0.026 (J)	0.038 (J)		
4/30/2011	0.0091 (J)				
10/28/2011	0.0096 (J)	0.025	0.034		0.044
10/29/2011				0.046	
5/2/2012	0.012	0.025	0.03		
5/3/2012				0.049	0.047
11/9/2012	0.012	0.028	0.039	0.045	0.055
5/8/2013	0.01	0.029	0.034		
5/9/2013				0.053	0.049
11/5/2013	0.0098 (J)			0.045	0.045
11/6/2013		0.026	0.032		
5/20/2014	0.0081 (J)	0.025	0.03		
5/22/2014					0.04
5/23/2014				0.043	
11/8/2014		0.026	0.031		
11/12/2014	0.0098 (J)				
11/13/2014				0.046	0.045
5/22/2015	0.0088 (J)	0.026	0.033		
5/23/2015				0.046	
5/24/2015					0.045
11/9/2015		0.024	0.034		
11/11/2015	0.011			0.047	0.045
4/6/2016	0.00959 (J)	0.026	0.0347		
4/12/2016				0.0474	0.0519
6/15/2016	0.0091 (J)	0.023	0.029		
6/16/2016				0.044	0.045
8/10/2016	0.009	0.022	0.027		
8/11/2016				0.04	0.04
10/4/2016	0.0092	0.024		0.048	0.044
10/5/2016			0.029		
11/29/2016		0.023	0.024		
11/30/2016	0.011			0.043	0.044
2/7/2017	0.0099	0.024	0.029	0.042	0.044
4/4/2017	0.0092	0.022	0.03		
4/5/2017				0.041	
4/6/2017					0.041
6/20/2017	0.0099	0.025	0.036	0.046	0.045
10/4/2017	0.0098			0.044	0.047
10/5/2017		0.023	0.027		

Time Series

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	0.01	0.023	0.027	0.042	0.045
10/2/2018	0.0099	0.023	0.027	0.043	0.044
3/26/2019	0.0099	0.024	0.031	0.044	0.045
9/10/2019	0.011	0.039	0.051	0.046	0.047
3/18/2020	0.01	0.027	0.031	0.049	0.048
9/9/2020	0.01	0.024	0.033	0.046	0.047
4/1/2021	0.0092 (J)	0.024	0.029	0.047	0.044
8/11/2021	0.01	0.023	0.029		
8/12/2021					0.048
8/18/2021				0.049	
2/15/2022	0.012	0.024	0.031	0.052	0.048
8/24/2022			0.031	0.043	
8/25/2022	0.012	0.025			
8/26/2022					0.045
2/27/2023				0.049	0.048
2/28/2023	0.01	0.025	0.03		
8/3/2023	0.01	0.026	0.027		
8/9/2023				0.048	0.045
2/28/2024		0.03	0.032		
3/1/2024				0.048	0.046
3/4/2024	0.01				
8/6/2024	0.01	0.031	0.033	0.051	0.052
2/25/2025	0.013	0.028		0.047	0.043
2/26/2025			0.027		
7/24/2025	0.013	0.032	0.031		
7/25/2025				0.051	
7/31/2025					0.045

Time Series

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					0.029 (J)
5/11/2010	0.039 (Jo)	0.031 (J)	0.034 (J)	0.053 (J)	
6/17/2010	0.017 (J)	0.033 (J)			
6/18/2010			0.028 (J)	0.055 (J)	0.044 (J)
7/27/2010			0.026 (J)	0.053 (J)	
7/28/2010	0.071 (JO)	0.033 (J)			0.028 (J)
9/7/2010	0.026 (J)				
9/8/2010		0.033 (J)			
9/9/2010			0.022 (J)	0.05 (J)	0.029 (J)
4/28/2011		0.039 (J)			
4/29/2011	0.016 (J)		0.016 (J)		
4/30/2011				0.05 (J)	0.025 (J)
10/28/2011	0.014		0.014		
10/29/2011		0.029		0.045	0.026
5/3/2012	0.017	0.036			
5/4/2012			0.017	0.051	0.032
11/9/2012	0.022				
11/10/2012		0.032	0.014	0.048	0.028
5/9/2013			0.016	0.048	0.03
5/10/2013	0.025	0.035			
11/6/2013	0.015	0.037	0.016		
11/7/2013				0.049	0.031
5/21/2014				0.048	0.029
5/22/2014	0.016	0.031	0.016		
11/9/2014	0.017	0.034	0.018	0.053	
11/12/2014					0.031
5/22/2015	0.017	0.039			
5/24/2015			0.11	0.061	0.039
11/10/2015	0.018				
11/11/2015		0.042	0.12	0.063	0.032
4/12/2016	0.0169	0.0386		0.0626	
4/13/2016					0.0328
4/19/2016			0.099		
6/20/2016	0.014	0.031		0.057	0.03
6/22/2016			0.074		
8/12/2016	0.018	0.033		0.053	
8/15/2016					0.033
8/16/2016			0.045		
10/5/2016	0.015				
10/6/2016		0.042	0.046	0.053	0.032
11/30/2016	0.018	0.04		0.06	
12/1/2016			0.046		0.034
2/8/2017	0.018	0.042			
2/9/2017			0.055	0.054	0.032
4/6/2017	0.017	0.041	0.057	0.055	
4/7/2017					0.031
6/21/2017	0.02		0.062	0.063	
6/22/2017		0.047			0.035
10/5/2017	0.017		0.052		
10/6/2017		0.045		0.054	0.034
3/21/2018	0.018	0.045		0.056	
3/22/2018			0.048		0.035

Time Series

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.016	0.042	0.036	0.051	
10/4/2018					0.031
3/26/2019	0.015	0.053		0.052	
3/27/2019			0.038		0.033
9/10/2019	0.014	0.037			
9/11/2019			0.039	0.059	0.035
3/18/2020	0.013		0.04	0.05	
3/19/2020		0.045			0.036
9/9/2020			0.033		
9/10/2020	0.015	0.045		0.056	0.039
4/1/2021			0.04		0.036
4/2/2021		0.047			
4/5/2021				0.054	
4/6/2021	0.014				
8/11/2021				0.054	0.036
8/12/2021	0.019	0.049	0.036		
2/15/2022	0.013	0.055	0.038	0.057	0.035
8/25/2022	0.013	0.054	0.031	0.055	0.035
12/28/2022		0.065			
2/27/2023		0.081		0.052	0.036
2/28/2023	0.011		0.038		
8/8/2023		0.085	0.031	0.046	0.034
8/9/2023	0.013				
2/29/2024		0.1	0.042	0.06	0.041
3/4/2024	0.019				
8/6/2024			0.038		0.039
8/7/2024	0.02	0.097		0.047	
2/24/2025				0.07	0.043
2/25/2025	0.021	0.15	0.036		
4/22/2025		0.19 (R)		0.065 (R)	
7/24/2025		0.19			0.048
7/25/2025	0.022		0.036		
7/31/2025				0.052	
10/21/2025		0.16 (R)			

Time Series

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					0.017 (J)
5/10/2010	0.05 (J)	0.026 (J)	0.024 (J)	0.018 (J)	
6/16/2010		0.026 (J)	0.022 (J)	0.018 (J)	
6/18/2010					0.014 (J)
6/19/2010	0.045 (J)				
7/27/2010		0.029 (J)		0.018 (J)	0.015 (J)
7/28/2010	0.046 (J)		0.023 (J)		
9/8/2010	0.071 (J)	0.027 (J)	0.023 (J)	0.017 (J)	0.013 (J)
4/29/2011		0.02 (J)	0.022 (J)	0.016 (J)	0.016 (J)
4/30/2011	0.098 (J)				
10/27/2011	0.048	0.02	0.022	0.015	
10/28/2011					0.013
5/3/2012		0.021			0.012
5/4/2012	0.055		0.019	0.014	
11/10/2012				0.016	0.015
11/11/2012	0.05	0.028	0.025		
5/9/2013		0.026	0.024	0.016	0.015
5/10/2013	0.12				
11/5/2013			0.025		
11/6/2013		0.026		0.016	0.015
11/7/2013	0.044				
5/20/2014				0.016	0.015
5/21/2014	0.037	0.023	0.024		
11/12/2014		0.038	0.026	0.017	0.018
11/13/2014	0.085				
5/23/2015	0.054	0.021	0.026		0.016
5/24/2015				0.017	
11/11/2015	0.059				
11/12/2015		0.02	0.026	0.016	0.015
4/13/2016		0.0164	0.0258	0.0159	0.0166
4/19/2016	0.0415				
6/21/2016			0.0286	0.018	0.0173
6/22/2016		0.0238			
8/15/2016		0.02	0.024	0.015	0.015
10/5/2016			0.026	0.016	0.016
10/6/2016		0.021			
10/10/2016	0.034				
12/1/2016	0.037	0.025	0.028	0.016	0.016
2/8/2017		0.017	0.027	0.015	0.016
2/9/2017	0.043				
4/5/2017					0.016
4/6/2017		0.019	0.027	0.016	
4/7/2017	0.019				
6/20/2017				0.016	0.017
6/21/2017	0.017	0.026	0.031		
8/15/2017	0.021				
9/1/2017	0.02				
10/5/2017		0.022	0.029	0.016	0.017
10/9/2017	0.019				
3/21/2018		0.021	0.028	0.016	0.017
3/22/2018	0.019				
10/2/2018		0.023	0.029	0.016	0.016

Time Series

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	0.012				
3/26/2019					0.017
3/27/2019	0.025	0.018	0.027	0.015	
9/11/2019	0.022	0.028	0.033	0.017	0.017
3/18/2020	0.043	0.013	0.036	0.019	0.018
9/9/2020	0.053	0.025	0.036		
9/10/2020				0.02	0.019
4/1/2021		0.018	0.034	0.018	0.018
4/5/2021	0.045				
8/11/2021				0.017	0.018
8/12/2021	0.026	0.023			
8/17/2021			0.04		
10/18/2021			0.031		
2/15/2022	0.048	0.023	0.036		
2/16/2022				0.018	0.018
8/25/2022	0.03	0.04	0.035	0.018	
8/26/2022					0.018
2/21/2023			0.033		
2/27/2023	0.055	0.025		0.019	0.019
8/8/2023	0.051	0.027			
8/9/2023			0.032	0.019	0.02
2/29/2024	0.042			0.02	0.019
3/1/2024		0.026	0.036		
8/6/2024	0.029	0.03	0.034	0.017	0.018
2/24/2025	0.039	0.029	0.035	0.02	0.02
7/30/2025				0.018	0.019
7/31/2025	0.037	0.031			
8/1/2025			0.033		

Time Series

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	0.029 (J)	0.01 (J)			
5/10/2010			0.039 (J)		
5/11/2010				0.018 (J)	0.032 (J)
6/16/2010			0.041 (J)	0.017 (J)	
6/17/2010					0.031 (J)
6/18/2010	0.028 (J)	0.0097 (J)			
7/26/2010			0.04 (J)		
7/27/2010				0.016 (J)	0.035 (J)
7/28/2010		0.0096 (J)			
7/29/2010	0.029 (J)				
9/7/2010			0.038 (J)	0.017 (J)	0.032 (J)
9/9/2010	0.028 (J)	0.01 (J)			
4/26/2011	0.038 (J)				
4/29/2011			0.034 (J)	0.018 (J)	0.031 (J)
4/30/2011		0.0096 (J)			
10/28/2011	0.026	0.0064 (JO)	0.035	0.016	0.03
5/2/2012			0.038	0.018	
5/3/2012		0.0054 (JO)			0.032
5/4/2012	0.024				
11/9/2012			0.035	0.017	
11/10/2012		0.0094 (J)			0.028
11/11/2012	0.027				
5/8/2013	0.045	0.0093 (J)	0.037		
5/9/2013				0.017	0.029
11/5/2013		0.009 (J)			
11/6/2013			0.036	0.018	0.03
11/7/2013	0.026				
5/20/2014	0.024	0.009 (J)			
5/22/2014				0.016	0.029
5/23/2014			0.036		
11/8/2014			0.038	0.018	
11/9/2014					0.032
11/12/2014	0.029	0.0098 (J)			
5/22/2015			0.035	0.018	0.029
5/24/2015	0.027	0.0096 (J)			
11/10/2015			0.032	0.017	0.026
11/11/2015		0.0092 (J)			
11/12/2015	0.029				
4/11/2016			0.0352	0.0191	
4/12/2016					0.033
4/13/2016	0.029	0.00929 (J)			
6/16/2016			0.033	0.017	0.028
6/21/2016	0.0306	0.0106			
8/11/2016			0.035	0.015	0.026
8/15/2016	0.026	0.0077			
10/4/2016		0.0091			
10/5/2016			0.032	0.018	0.03
10/7/2016	0.031				
11/29/2016			0.034	0.017	
11/30/2016					0.03
12/1/2016	0.031	0.0089			
2/7/2017		0.0089			

Time Series

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			0.032	0.017	0.033
2/9/2017	0.032				
4/5/2017				0.017	
4/6/2017	0.029	0.0085	0.031		0.033
6/20/2017		0.0097			
6/21/2017			0.035	0.019	0.03
6/22/2017	0.034				
10/5/2017		0.0096	0.034	0.018	0.028
10/6/2017	0.031				
3/20/2018		0.0091	0.033	0.019	
3/21/2018					0.03
3/22/2018	0.034				
10/2/2018		0.0096	0.032	0.018	
10/3/2018	0.03				0.028
3/26/2019	0.035	0.0092	0.033	0.018	0.03
9/11/2019	0.035	0.011	0.035		
9/12/2019				0.026	0.035
3/18/2020	0.058	0.0099 (J)	0.036		
3/19/2020				0.025	0.032
9/9/2020		0.01	0.036	0.026	
9/10/2020	0.037				0.031
4/1/2021		0.0095 (J)	0.035		
4/5/2021				0.028	0.029
4/6/2021	0.038				
8/11/2021	0.037	0.012	0.037	0.031	0.031
2/16/2022	0.035	0.011	0.034	0.027	0.03
8/25/2022			0.035	0.03	0.031
8/26/2022	0.035	0.011			
2/27/2023	0.04	0.011			
2/28/2023			0.035	0.031	0.032
8/8/2023				0.032	0.035
8/9/2023	0.04	0.012	0.037		
2/29/2024			0.037	0.033	
3/1/2024	0.039	0.012			0.036
8/6/2024	0.036		0.037	0.035	0.037
8/8/2024		0.013			
2/24/2025	0.041				
2/25/2025		0.011	0.036	0.033	0.038
7/28/2025			0.036		0.038
7/30/2025	0.037			0.022	
7/31/2025		0.011			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.001	<0.001
6/16/2010		<0.001	<0.001		
6/17/2010				<0.001	
6/18/2010	<0.001				
6/19/2010					<0.001
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				<0.001	<0.001
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.001
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	<0.001	0.0021 (J)	<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	<0.001
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	
5/24/2015					<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		<0.001	<0.001
10/5/2016			<0.001		
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001			<0.001	<0.001
10/5/2017		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		
7/24/2025	<0.001	<0.001	<0.001		
7/25/2025				<0.001	
7/31/2025					<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.001	<0.001	<0.001	<0.001	
6/17/2010	<0.001	<0.001			
6/18/2010			<0.001	<0.001	<0.001
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		<0.001			
9/9/2010			<0.001	<0.001	<0.001
4/28/2011		<0.001			
4/29/2011	<0.001		<0.001		
4/30/2011				<0.001	<0.001
10/28/2011	<0.001		<0.001		
10/29/2011		<0.001		<0.001	<0.001
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	<0.001				
11/10/2012		<0.001	<0.001	<0.001	<0.001
5/9/2013			<0.001	<0.001	<0.001
5/10/2013	<0.001	<0.001			
11/6/2013	<0.001	<0.001	<0.001		
11/7/2013				<0.001	<0.001
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	<0.001	<0.001			
5/24/2015			<0.001	<0.001	<0.001
11/10/2015	<0.001				
11/11/2015		<0.001	<0.001	<0.001	<0.001
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
6/20/2016	5.8E-05 (J)	2.3E-05 (J)		3.2E-05 (J)	<0.001
6/22/2016			<0.001		
8/12/2016	<0.001	<0.001		<0.001	
8/15/2016					<0.001
8/16/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	<0.001	<0.001
11/30/2016	<0.001	<0.001		<0.001	
12/1/2016			<0.001		<0.001
2/8/2017	<0.001	<0.001			
2/9/2017			<0.001	<0.001	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017		<0.001			<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.001	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		<0.001			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	0.00018 (J)
4/1/2021			<0.001		<0.001
4/2/2021		<0.001			
4/5/2021				<0.001	
4/6/2021	<0.001				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001	0.00022 (J)		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		
7/24/2025		<0.001			<0.001
7/25/2025	<0.001		<0.001		
7/31/2025				<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		<0.001	<0.001	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	<0.001	<0.001	<0.001	<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001
4/30/2011	<0.001				
10/27/2011	<0.001	<0.001	<0.001	<0.001	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	<0.001		<0.001	<0.001	
11/10/2012				<0.001	<0.001
11/11/2012	<0.001	<0.001	<0.001		
5/9/2013		<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001				
11/5/2013			<0.001		
11/6/2013		<0.001		<0.001	<0.001
11/7/2013	<0.001				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		<0.001	<0.001	<0.001	<0.001
11/13/2014	<0.001				
5/23/2015	<0.001	<0.001	<0.001		<0.001
5/24/2015				<0.001	
11/11/2015	<0.001				
11/12/2015		<0.001	<0.001	<0.001	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
6/21/2016			<0.001	<0.001	<0.001
6/22/2016		<0.001			
8/15/2016		<0.001	<0.001	<0.001	<0.001
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
12/1/2016	<0.001	<0.001	<0.001	<0.001	<0.001
2/8/2017		<0.001	<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
6/20/2017				<0.001	<0.001
6/21/2017	<0.001	<0.001	<0.001		
8/15/2017	<0.001				
9/1/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	0.00038 (J)				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001			
8/17/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	<0.001			<0.001	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001
7/30/2025				<0.001	<0.001
7/31/2025	<0.001	<0.001			
8/1/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			<0.001	<0.001	<0.001
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
6/21/2016	<0.001	<0.001			
8/11/2016			<0.001	<0.001	<0.001
8/15/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
11/29/2016			<0.001	<0.001	
11/30/2016					<0.001
12/1/2016	<0.001	<0.001			
2/7/2017		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		<0.001
6/20/2017		<0.001			
6/21/2017			<0.001	<0.001	<0.001
6/22/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	<0.001				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				<0.001	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001
7/28/2025			<0.001		<0.001
7/30/2025	<0.001			<0.001	
7/31/2025		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	<0.08
6/15/2016	0.0031 (J)	<0.08	0.0028 (J)		
6/16/2016				0.0044 (J)	0.0034 (J)
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	<0.08
10/4/2016	<0.08	<0.08		<0.08	<0.08
10/5/2016			<0.08		
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	<0.08
2/7/2017	<0.08	<0.08	<0.08	<0.08	<0.08
4/4/2017	<0.08	<0.08	<0.08		
4/5/2017				<0.08	
4/6/2017					<0.08
6/20/2017	<0.08	<0.08	<0.08	<0.08	<0.08
10/4/2017	<0.08			<0.08	<0.08
10/5/2017		<0.08	<0.08		
3/20/2018	<0.08	<0.08	<0.08	<0.08	<0.08
10/2/2018	<0.08	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/10/2019	<0.08	<0.08	<0.08	<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08	<0.08	<0.08	<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08	0.053 (J)	<0.08
8/11/2021	<0.08	<0.08	<0.08		
8/12/2021					<0.08
8/18/2021				<0.08	
2/15/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/24/2022			<0.08	<0.08	
8/25/2022	<0.08	<0.08			
8/26/2022					<0.08
2/27/2023				<0.08	<0.08
2/28/2023	<0.08	<0.08	<0.08		
8/3/2023	0.03 (J)	<0.08	<0.08		
8/9/2023				<0.08	<0.08
2/28/2024		<0.08	<0.08		
3/1/2024				<0.08	0.023 (J)
3/4/2024	<0.08				
8/6/2024	<0.08	<0.08	<0.08	<0.08	<0.08
2/25/2025	<0.08	<0.08		<0.08	<0.08
2/26/2025			<0.08		
7/24/2025	<0.08	<0.08	<0.08		
7/25/2025				<0.08	
7/31/2025					<0.08

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	<0.08	<0.08		<0.08	
4/13/2016					<0.08
4/19/2016			<0.1		
6/20/2016	0.0015 (J)	0.0026 (J)		<0.08	0.0019 (J)
6/22/2016			0.238		
8/12/2016	<0.08	<0.08		<0.08	
8/15/2016					<0.08
8/16/2016			0.39		
10/5/2016	<0.08				
10/6/2016		<0.08	0.34	<0.08	<0.08
11/30/2016	<0.08	<0.08		<0.08	
12/1/2016			0.37		<0.08
2/8/2017	<0.08	<0.08			
2/9/2017			0.38	<0.08	<0.08
4/6/2017	<0.08	<0.08	0.4	<0.08	
4/7/2017					<0.08
6/21/2017	<0.08		0.39	<0.08	
6/22/2017		<0.08			<0.08
10/5/2017	<0.08		0.47		
10/6/2017		<0.08		<0.08	<0.08
3/21/2018	<0.08	<0.08		<0.08	
3/22/2018			0.48		<0.08
10/3/2018	<0.08	<0.08	0.47	<0.08	
10/4/2018					<0.08
3/26/2019	<0.08	<0.08		<0.08	
3/27/2019			0.33		<0.08
9/10/2019	<0.08	<0.08			
9/11/2019			0.31	<0.08	<0.08
3/18/2020	<0.08		0.26	<0.08	
3/19/2020		<0.08			<0.08
9/9/2020			0.24		
9/10/2020	<0.08	<0.08		<0.08	<0.08
4/1/2021			0.23		<0.08
4/2/2021		<0.08			
4/5/2021				0.042 (J)	
4/6/2021	0.078 (J)				
8/11/2021				0.057 (J)	0.056 (J)
8/12/2021	<0.08	<0.08	0.19		
2/15/2022	<0.08	<0.08	0.19	<0.08	<0.08
8/25/2022	<0.08	<0.08	0.19	<0.08	<0.08
2/27/2023		<0.08		<0.08	<0.08
2/28/2023	<0.08		0.19		
8/8/2023		<0.08	0.15	<0.08	<0.08
8/9/2023	<0.08				
2/29/2024		<0.08	0.17	<0.08	<0.08
3/4/2024	<0.08				
8/6/2024			0.14		<0.08
8/7/2024	<0.08	0.13		0.085	
11/6/2024		0.022 (J)		<0.08	
2/24/2025				<0.08	<0.08
2/25/2025	<0.08	0.029 (J)	0.14		
7/24/2025		0.034 (J)			<0.08

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
7/25/2025	<0.08		0.11		
7/31/2025				<0.08	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		0.0774 (J)	<0.08	<0.08	<0.08
4/19/2016	0.145				
6/21/2016			0.0068 (J)	0.0053 (J)	0.0099 (J)
6/22/2016		0.0663 (J)			
8/15/2016		0.093	<0.08	<0.08	<0.08
10/5/2016			<0.08	<0.08	<0.08
10/6/2016		0.096			
10/10/2016	0.12				
12/1/2016	0.12	0.12	<0.08	<0.08	<0.08
2/8/2017		0.094	<0.08	<0.08	<0.08
2/9/2017	0.13				
4/5/2017					<0.08
4/6/2017		0.11	<0.08	<0.08	
4/7/2017	0.21				
6/20/2017				<0.08	<0.08
6/21/2017	0.23	0.1	<0.08		
8/15/2017	0.27				
9/1/2017	0.24				
10/5/2017		0.083	<0.08	<0.08	<0.08
10/9/2017	0.24				
3/21/2018		0.089	<0.08	<0.08	<0.08
3/22/2018	0.25				
10/2/2018		0.083	<0.08	<0.08	<0.08
10/4/2018	0.21				
3/26/2019					<0.08
3/27/2019	0.16	0.067	<0.08	<0.08	
9/11/2019	0.21	0.083	<0.08	<0.08	<0.08
3/18/2020	0.16	0.058 (J)	<0.08	<0.08	<0.08
9/9/2020	0.13	0.088	<0.08		
9/10/2020				<0.08	<0.08
4/1/2021		0.059 (J)	<0.08	<0.08	<0.08
4/5/2021	0.18				
8/11/2021				<0.08	<0.08
8/12/2021	0.23	0.1			
8/17/2021			<0.08		
2/15/2022	0.13	0.07 (J)	<0.08		
2/16/2022				<0.08	<0.08
8/25/2022	0.18	0.13	0.11	<0.08	
8/26/2022					<0.08
12/28/2022			0.098		
2/21/2023			<0.08		
2/27/2023	0.14	0.082		<0.08	<0.08
8/8/2023	0.14	0.087			
8/9/2023			<0.08	<0.08	<0.08
2/29/2024	0.15			<0.08	0.024 (J)
3/1/2024		0.085	<0.08		
8/6/2024	0.19	0.12	<0.08	<0.08	<0.08
2/24/2025	0.17	0.056 (J)	<0.08	<0.08	<0.08
7/30/2025				<0.08	<0.08
7/31/2025	0.14	0.1			
8/1/2025			<0.08		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			<0.08	<0.08	
4/12/2016					<0.08
4/13/2016	<0.08	<0.08			
6/16/2016			0.0024 (J)	0.0026 (J)	0.0022 (J)
6/21/2016	0.0062 (J)	0.0115 (J)			
8/11/2016			<0.08	<0.08	<0.08
8/15/2016	<0.08	<0.08			
10/4/2016		<0.08			
10/5/2016			<0.08	<0.08	<0.08
10/7/2016	<0.08				
11/29/2016			<0.08	<0.08	
11/30/2016					<0.08
12/1/2016	<0.08	<0.08			
2/7/2017		<0.08			
2/8/2017			<0.08	<0.08	<0.08
2/9/2017	<0.08				
4/5/2017				<0.08	
4/6/2017	<0.08	<0.08	<0.08		<0.08
6/20/2017		<0.08			
6/21/2017			<0.08	<0.08	<0.08
6/22/2017	<0.08				
10/5/2017		<0.08	<0.08	<0.08	<0.08
10/6/2017	<0.08				
3/20/2018		<0.08	<0.08	<0.08	
3/21/2018					<0.08
3/22/2018	<0.08				
10/2/2018		<0.08	<0.08	<0.08	
10/3/2018	<0.08				<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/11/2019	<0.08	<0.08	<0.08		
9/12/2019				<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08		
3/19/2020				<0.08	<0.08
9/9/2020		<0.08	<0.08	<0.08	
9/10/2020	<0.08				<0.08
4/1/2021		<0.08	<0.08		
4/5/2021				<0.08	<0.08
4/6/2021	0.056 (J)				
8/11/2021	<0.08	<0.08	<0.08	<0.08	<0.08
2/16/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/25/2022			<0.08	<0.08	0.12
8/26/2022	<0.08	<0.08			
12/28/2022					<0.08
2/27/2023	<0.08	<0.08			
2/28/2023			<0.08	<0.08	<0.08
8/8/2023				<0.08	<0.08
8/9/2023	<0.08	<0.08	<0.08		
2/29/2024			<0.08	<0.08	
3/1/2024	<0.08	<0.08			0.025 (J)
8/6/2024	<0.08		<0.08	<0.08	<0.08
8/8/2024		<0.08			
2/24/2025	<0.08				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/25/2025		<0.08	<0.08	<0.08	<0.08
7/28/2025			<0.08		<0.08
7/30/2025	<0.08			1.9	
7/31/2025		<0.08			
10/20/2025				<0.08 (R)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0007		
5/9/2010	<0.0007	<0.0007			
5/11/2010				<0.0007	<0.0007
6/16/2010		<0.0007	<0.0007		
6/17/2010				<0.0007	
6/18/2010	<0.0007				
6/19/2010					<0.0007
7/26/2010			<0.0007		
7/27/2010		<0.0007		<0.0007	<0.0007
7/28/2010	<0.0007				
9/7/2010		<0.0007	<0.0007		
9/9/2010	<0.0007			<0.0007	<0.0007
4/28/2011				<0.0007	<0.0007
4/29/2011		<0.0007	<0.0007		
4/30/2011	<0.0007				
10/28/2011	<0.0007	<0.0007	<0.0007		<0.0007
10/29/2011				<0.0007	
5/2/2012	<0.0007	<0.0007	<0.0007		
5/3/2012				<0.0007	<0.0007
11/9/2012	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
5/8/2013	<0.0007	<0.0007	<0.0007		
5/9/2013				<0.0007	<0.0007
11/5/2013	<0.0007			<0.0007	<0.0007
11/6/2013		<0.0007	<0.0007		
5/20/2014	<0.0007	<0.0007	<0.0007		
5/22/2014					<0.0007
5/23/2014				<0.0007	
11/8/2014		<0.0007	<0.0007		
11/12/2014	<0.0007				
11/13/2014				<0.0007	<0.0007
5/22/2015	<0.0007	<0.0007	<0.0007		
5/23/2015				<0.0007	
5/24/2015					<0.0007
11/9/2015		<0.0007	<0.0007		
11/11/2015	<0.0007			<0.0007	<0.0007
4/6/2016	<0.0007	<0.0007	<0.0007		
4/12/2016				<0.0007	<0.0007
6/15/2016	<0.0007	<0.0007	<0.0007		
6/16/2016				<0.0007	<0.0007
8/10/2016	<0.0007	<0.0007	<0.0007		
8/11/2016				<0.0007	<0.0007
10/4/2016	<0.0007	<0.0007		<0.0007	<0.0007
10/5/2016			<0.0007		
11/29/2016		<0.0007	<0.0007		
11/30/2016	<0.0007			<0.0007	<0.0007
2/7/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
4/4/2017	<0.0007	<0.0007	<0.0007		
4/5/2017				<0.0007	
4/6/2017					<0.0007
6/20/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
10/4/2017	<0.0007			<0.0007	<0.0007
10/5/2017		<0.0007	<0.0007		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
10/2/2018	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
3/26/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
9/10/2019	<0.0007	<0.0007	0.00013 (J)	<0.0007	<0.0007
3/18/2020	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
9/9/2020	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
4/1/2021	<0.0007	<0.0007	<0.0007	<0.0007	0.00038 (J)
8/11/2021	<0.0007	<0.0007	<0.0007		
8/12/2021					<0.0007
8/18/2021				<0.0007	
2/15/2022	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
8/24/2022			<0.0007	<0.0007	
8/25/2022	<0.0007	<0.0007			
8/26/2022					<0.0007
2/27/2023				<0.0007	<0.0007
2/28/2023	<0.0007	<0.0007	<0.0007		
8/3/2023	<0.0007	<0.0007	<0.0007		
8/9/2023				<0.0007	<0.0007
2/28/2024		<0.0007	<0.0007		
3/1/2024				<0.0007	<0.0007
3/4/2024	<0.0007				
8/6/2024	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/25/2025	<0.0007	<0.0007		<0.0007	<0.0007
2/26/2025			<0.0007		
7/24/2025	<0.0007	<0.0007	<0.0007		
7/25/2025				<0.0007	
7/31/2025					<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0007
5/11/2010	<0.0007	<0.0007	<0.0007	<0.0007	
6/17/2010	<0.0007	<0.0007			
6/18/2010			<0.0007	<0.0007	<0.0007
7/27/2010			<0.0007	<0.0007	
7/28/2010	<0.0007	<0.0007			<0.0007
9/7/2010	<0.0007				
9/8/2010		<0.0007			
9/9/2010			<0.0007	<0.0007	<0.0007
4/28/2011		<0.0007			
4/29/2011	<0.0007		<0.0007		
4/30/2011				<0.0007	<0.0007
10/28/2011	<0.0007		<0.0007		
10/29/2011		<0.0007		<0.0007	<0.0007
5/3/2012	<0.0007	<0.0007			
5/4/2012			<0.0007	<0.0007	<0.0007
11/9/2012	<0.0007				
11/10/2012		<0.0007	<0.0007	<0.0007	<0.0007
5/9/2013			<0.0007	<0.0007	<0.0007
5/10/2013	<0.0007	<0.0007			
11/6/2013	<0.0007	<0.0007	<0.0007		
11/7/2013				<0.0007	<0.0007
5/21/2014				<0.0007	<0.0007
5/22/2014	<0.0007	<0.0007	<0.0007		
11/9/2014	<0.0007	<0.0007	<0.0007	<0.0007	
11/12/2014					<0.0007
5/22/2015	<0.0007	<0.0007			
5/24/2015			<0.0007	<0.0007	<0.0007
11/10/2015	<0.0007				
11/11/2015		<0.0007	<0.0007	<0.0007	<0.0007
4/12/2016	<0.0007	<0.0007		<0.0007	
4/13/2016					<0.0007
4/19/2016			<0.0007		
6/20/2016	<0.0007	<0.0007		<0.0007	<0.0007
6/22/2016			<0.0007		
8/12/2016	<0.0007	<0.0007		<0.0007	
8/15/2016					<0.0007
8/16/2016			<0.0007		
10/5/2016	<0.0007				
10/6/2016		<0.0007	<0.0007	<0.0007	<0.0007
11/30/2016	<0.0007	<0.0007		<0.0007	
12/1/2016			<0.0007		<0.0007
2/8/2017	<0.0007	<0.0007			
2/9/2017			<0.0007	<0.0007	<0.0007
4/6/2017	<0.0007	<0.0007	<0.0007	<0.0007	
4/7/2017					<0.0007
6/21/2017	<0.0007		<0.0007	<0.0007	
6/22/2017		<0.0007			<0.0007
10/5/2017	<0.0007		<0.0007		
10/6/2017		<0.0007		<0.0007	<0.0007
3/21/2018	<0.0007	<0.0007		<0.0007	
3/22/2018			<0.0007		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.0007	<0.0007	<0.0007	<0.0007	
10/4/2018					<0.0007
3/26/2019	<0.0007	<0.0007		<0.0007	
3/27/2019			<0.0007		<0.0007
9/10/2019	<0.0007	<0.0007			
9/11/2019			<0.0007	<0.0007	<0.0007
3/18/2020	<0.0007		<0.0007	<0.0007	
3/19/2020		<0.0007			<0.0007
9/9/2020			<0.0007		
9/10/2020	<0.0007	<0.0007		<0.0007	<0.0007
4/1/2021			<0.0007		<0.0007
4/2/2021		<0.0007			
4/5/2021				<0.0007	
4/6/2021	<0.0007				
8/11/2021				<0.0007	<0.0007
8/12/2021	<0.0007	<0.0007	<0.0007		
2/15/2022	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
8/25/2022	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/27/2023		<0.0007		<0.0007	<0.0007
2/28/2023	<0.0007		<0.0007		
8/8/2023		<0.0007	<0.0007	<0.0007	<0.0007
8/9/2023	<0.0007				
2/29/2024		<0.0007	<0.0007	<0.0007	<0.0007
3/4/2024	<0.0007				
8/6/2024			<0.0007		<0.0007
8/7/2024	<0.0007	<0.0007		<0.0007	
2/24/2025				<0.0007	<0.0007
2/25/2025	<0.0007	<0.0007	<0.0007		
7/24/2025		<0.0007			<0.0007
7/25/2025	<0.0007		<0.0007		
7/31/2025				<0.0007	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0007
5/10/2010	<0.0007	<0.0007	<0.0007	<0.0007	
6/16/2010		<0.0007	<0.0007	<0.0007	
6/18/2010					<0.0007
6/19/2010	<0.0007				
7/27/2010		<0.0007		<0.0007	<0.0007
7/28/2010	<0.0007		<0.0007		
9/8/2010	0.001 (J)	<0.0007	<0.0007	<0.0007	<0.0007
4/29/2011		<0.0007	<0.0007	<0.0007	<0.0007
4/30/2011	0.0014 (J)				
10/27/2011	0.0011 (J)	<0.0007	<0.0007	<0.0007	
10/28/2011					<0.0007
5/3/2012		<0.0007			<0.0007
5/4/2012	<0.0007		<0.0007	<0.0007	
11/10/2012				<0.0007	<0.0007
11/11/2012	<0.0007	<0.0007	<0.0007		
5/9/2013		<0.0007	<0.0007	<0.0007	<0.0007
5/10/2013	0.0016 (J)				
11/5/2013			<0.0007		
11/6/2013		<0.0007		<0.0007	<0.0007
11/7/2013	0.001 (J)				
5/20/2014				<0.0007	<0.0007
5/21/2014	<0.0007	<0.0007	<0.0007		
11/12/2014		<0.0007	<0.0007	<0.0007	<0.0007
11/13/2014	<0.0007				
5/23/2015	<0.0007	<0.0007	<0.0007		<0.0007
5/24/2015				<0.0007	
11/11/2015	<0.0007				
11/12/2015		<0.0007	<0.0007	<0.0007	<0.0007
4/13/2016		<0.0007	<0.0007	<0.0007	<0.0007
4/19/2016	0.000379 (J)				
6/21/2016			<0.0007	<0.0007	<0.0007
6/22/2016		<0.0007			
8/15/2016		<0.0007	<0.0007	<0.0007	<0.0007
10/5/2016			<0.0007	<0.0007	<0.0007
10/6/2016		<0.0007			
10/10/2016	<0.0007				
12/1/2016	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/8/2017		<0.0007	<0.0007	<0.0007	<0.0007
2/9/2017	0.00037 (J)				
4/5/2017					<0.0007
4/6/2017		<0.0007	<0.0007	<0.0007	
4/7/2017	<0.0007				
6/20/2017				<0.0007	<0.0007
6/21/2017	<0.0007	<0.0007	<0.0007		
8/15/2017	<0.0007				
9/1/2017	<0.0007				
10/5/2017		<0.0007	<0.0007	<0.0007	<0.0007
10/9/2017	<0.0007				
3/21/2018		<0.0007	<0.0007	<0.0007	<0.0007
3/22/2018	<0.0007				
10/2/2018		<0.0007	<0.0007	<0.0007	<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.0007				
3/26/2019					<0.0007
3/27/2019	<0.0007	<0.0007	<0.0007	<0.0007	
9/11/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
3/18/2020	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
9/9/2020	<0.0007	<0.0007	<0.0007		
9/10/2020				0.001 (J)	<0.0007
4/1/2021		<0.0007	<0.0007	<0.0007	<0.0007
4/5/2021	0.0003 (J)				
8/11/2021				<0.0007	<0.0007
8/12/2021	<0.0007	<0.0007			
8/17/2021			<0.0007		
2/15/2022	<0.0007	<0.0007	<0.0007		
2/16/2022				<0.0007	<0.0007
8/25/2022	<0.0007	<0.0007	<0.0007	<0.0007	
8/26/2022					<0.0007
2/21/2023			<0.0007		
2/27/2023	<0.0007	<0.0007		<0.0007	<0.0007
8/8/2023	<0.0007	<0.0007			
8/9/2023			<0.0007	<0.0007	<0.0007
2/29/2024	<0.0007			<0.0007	<0.0007
3/1/2024		<0.0007	<0.0007		
8/6/2024	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/24/2025	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
7/30/2025				<0.0007	<0.0007
7/31/2025	<0.0007	<0.0007			
8/1/2025			<0.0007		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.0007	<0.0007			
5/10/2010			<0.0007		
5/11/2010				<0.0007	<0.0007
6/16/2010			<0.0007	<0.0007	
6/17/2010					<0.0007
6/18/2010	<0.0007	<0.0007			
7/26/2010			<0.0007		
7/27/2010				<0.0007	<0.0007
7/28/2010		<0.0007			
7/29/2010	<0.0007				
9/7/2010			<0.0007	<0.0007	<0.0007
9/9/2010	<0.0007	<0.0007			
4/26/2011	<0.0007				
4/29/2011			<0.0007	<0.0007	<0.0007
4/30/2011		<0.0007			
10/28/2011	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
5/2/2012			<0.0007	<0.0007	
5/3/2012		<0.0007			<0.0007
5/4/2012	<0.0007				
11/9/2012			<0.0007	<0.0007	
11/10/2012		<0.0007			<0.0007
11/11/2012	<0.0007				
5/8/2013	<0.0007	<0.0007	<0.0007		
5/9/2013				<0.0007	<0.0007
11/5/2013		<0.0007			
11/6/2013			<0.0007	<0.0007	<0.0007
11/7/2013	<0.0007				
5/20/2014	<0.0007	<0.0007			
5/22/2014				<0.0007	<0.0007
5/23/2014			<0.0007		
11/8/2014			<0.0007	<0.0007	
11/9/2014					<0.0007
11/12/2014	<0.0007	<0.0007			
5/22/2015			<0.0007	<0.0007	<0.0007
5/24/2015	<0.0007	<0.0007			
11/10/2015			<0.0007	<0.0007	<0.0007
11/11/2015		<0.0007			
11/12/2015	<0.0007				
4/11/2016			<0.0007	<0.0007	
4/12/2016					<0.0007
4/13/2016	<0.0007	<0.0007			
6/16/2016			<0.0007	<0.0007	<0.0007
6/21/2016	<0.0007	<0.0007			
8/11/2016			<0.0007	<0.0007	<0.0007
8/15/2016	<0.0007	<0.0007			
10/4/2016		<0.0007			
10/5/2016			<0.0007	<0.0007	<0.0007
10/7/2016	<0.0007				
11/29/2016			<0.0007	<0.0007	
11/30/2016					<0.0007
12/1/2016	<0.0007	<0.0007			
2/7/2017		<0.0007			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.0007	<0.0007	<0.0007
2/9/2017	<0.0007				
4/5/2017				<0.0007	
4/6/2017	<0.0007	<0.0007	<0.0007		<0.0007
6/20/2017		<0.0007			
6/21/2017			<0.0007	<0.0007	<0.0007
6/22/2017	<0.0007				
10/5/2017		<0.0007	<0.0007	<0.0007	<0.0007
10/6/2017	<0.0007				
3/20/2018		<0.0007	<0.0007	<0.0007	
3/21/2018					<0.0007
3/22/2018	<0.0007				
10/2/2018		<0.0007	<0.0007	<0.0007	
10/3/2018	<0.0007				<0.0007
3/26/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
9/11/2019	<0.0007	<0.0007	<0.0007		
9/12/2019				<0.0007	<0.0007
3/18/2020	<0.0007	<0.0007	<0.0007		
3/19/2020				<0.0007	<0.0007
9/9/2020		<0.0007	<0.0007	<0.0007	
9/10/2020	<0.0007				<0.0007
4/1/2021		<0.0007	<0.0007		
4/5/2021				<0.0007	<0.0007
4/6/2021	<0.0007				
8/11/2021	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/16/2022	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
8/25/2022			<0.0007	<0.0007	<0.0007
8/26/2022	<0.0007	<0.0007			
2/27/2023	<0.0007	<0.0007			
2/28/2023			<0.0007	<0.0007	<0.0007
8/8/2023				<0.0007	<0.0007
8/9/2023	<0.0007	<0.0007	<0.0007		
2/29/2024			<0.0007	<0.0007	
3/1/2024	<0.0007	<0.0007			<0.0007
8/6/2024	<0.0007		<0.0007	<0.0007	<0.0007
8/8/2024		<0.0007			
2/24/2025	<0.0007				
2/25/2025		<0.0007	<0.0007	<0.0007	<0.0007
7/28/2025			<0.0007		<0.0007
7/30/2025	<0.0007			<0.0007	
7/31/2025		<0.0007			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	3.62	12.1	6.58		
4/12/2016				17.1	17
6/15/2016	4.5	11.8	6.9		
6/16/2016				19.8	19.7
8/10/2016	3.8	10	5.5		
8/11/2016				15	15
10/4/2016	5.3	14		17	18
10/5/2016			6.8		
11/29/2016		10	4.8		
11/30/2016	4.7			16	16
2/7/2017	3.8	12	7.8	17	18
4/4/2017	3.8	11	6.4		
4/5/2017				16	
4/6/2017					16
6/20/2017	4.1	11	7	17	17
10/4/2017	4.6			19	19
10/5/2017		13	6.6		
3/20/2018	4.2	12	6.6	18	18
10/2/2018	4.2	11	5.8	16	16
3/26/2019	4	11	6.7	16	17
9/10/2019	4.8	12	7.5	17	18
3/18/2020	3.8	12	7.3	19	18
9/9/2020	4	11	7.3	17	17
4/1/2021	4	12	7.8	18	17
8/11/2021	4.1	11	7.3		
8/12/2021					17
8/18/2021				18	
2/15/2022	3.6	10	7.1	16	16
8/24/2022			8.9	17	
8/25/2022	4.9	13			
8/26/2022					18
2/27/2023				19	19
2/28/2023	4.1	13	8.7		
8/3/2023	4.7	13	8.3		
8/9/2023				18	18
2/28/2024		15	9		
3/1/2024				18	18
3/4/2024	3.8				
8/6/2024	4.2	15	9	18	19
2/25/2025	4.1	13		17	17
2/26/2025			7.4		
7/24/2025	4.4	14	7.4		
7/25/2025				17	
7/31/2025					17

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	8.52	11		17.8	
4/13/2016					14
4/19/2016			198 (o)		
6/20/2016	7.7	10.1		19.5	13.8
6/22/2016			132		
8/12/2016	7.3	9.9		17	
8/15/2016					13
8/16/2016			94		
10/5/2016	8.4				
10/6/2016		12	100	19	14
11/30/2016	8	11		19	
12/1/2016			100		13
2/8/2017	9.3	13			
2/9/2017			120	18	14
4/6/2017	8.1	12	140	18	
4/7/2017					14
6/21/2017	9.2		160	19	
6/22/2017		13			14
10/5/2017	10		130		
10/6/2017		15		19	16
3/21/2018	9.3	15		19	
3/22/2018			130		15
10/3/2018	7.5	13	88	16	
10/4/2018					13
3/26/2019	7.3	13		16	
3/27/2019			75		14
9/10/2019	6.6	12			
9/11/2019			46	19	14
3/18/2020	5.9		61	15	
3/19/2020		14			15
9/9/2020			35		
9/10/2020	6.3	13		16	15
4/1/2021			40		15
4/2/2021		15			
4/5/2021				16	
4/6/2021	7.4				
8/11/2021				16	14
8/12/2021	6.6	13	46		
2/15/2022	6	15	36	15	13
8/25/2022	5.5	17	37	19	16
12/28/2022		20			
2/27/2023		26		17	16
2/28/2023	5.9		34		
8/8/2023		25	30	15	15
8/9/2023	6.7				
2/29/2024		31	30	20	17
3/4/2024	8.9				
5/7/2024					17
5/20/2024				14	
8/6/2024			30		17
8/7/2024	10	29		16	
2/24/2025				23	19

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
2/25/2025	11	46	25		
4/22/2025		60 (R)		21 (R)	
7/24/2025		59			18
7/25/2025	10		24		
7/31/2025				16	
10/20/2025					21 (R)
10/21/2025		65 (R)			

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		18	15.6	12.8	1.18
4/19/2016	20				
6/21/2016			14.4	11.6	1.12
6/22/2016		16.7			
8/15/2016		16	14	11	0.95
10/5/2016			17	14	1
10/6/2016		17			
10/10/2016	19				
12/1/2016	18	17	15	12	0.92
2/8/2017		18	17	13	1.2
2/9/2017	20				
4/5/2017					1.1
4/6/2017		17	16	12	
4/7/2017	27				
6/20/2017				13	0.96
6/21/2017	27	17	16		
8/15/2017	29				
9/1/2017	32				
10/5/2017		19	19	14	1.1
10/9/2017	31				
3/21/2018		19	17	13	1.3
3/22/2018	30				
10/2/2018		16	17	12	0.86
10/4/2018	37				
3/26/2019					1.1
3/27/2019	47	16	16	12	
9/11/2019	37	17	18	13	0.94
3/18/2020	53	16	20	14	1.6
9/9/2020	64	16	20		
9/10/2020				13	1.1
4/1/2021		16	19	13	1.2
4/5/2021	52				
8/11/2021				13	1
8/12/2021	37	18			
8/17/2021			18		
2/15/2022	49	16	17		
2/16/2022				12	1.1
8/25/2022	39	21	20	14	
8/26/2022					0.99
12/28/2022		18			
2/21/2023			20		
2/27/2023	64	20		14	1.2
8/8/2023	53	18			
8/9/2023			18	14	1.1
2/29/2024	49			14	1.4
3/1/2024		20	20		
8/6/2024	36	22	19	13	1.1
11/6/2024		23			
2/24/2025	42	34	20	14	1.7
7/30/2025				13	1.2
7/31/2025	42	21			
8/1/2025			19		

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			10.5	10.4	
4/12/2016					13.5
4/13/2016	5.71	6.55			
6/16/2016			11.6	12.2	15
6/21/2016	5.54	6.04			
8/11/2016			10	9.5	12
8/15/2016	5.8	5.9			
10/4/2016		6.6			
10/5/2016			11	11	14
10/7/2016	6.1				
11/29/2016			9.6	9.8	
11/30/2016					12
12/1/2016	5.8	5.4			
2/7/2017		6.1			
2/8/2017			10	10	14
2/9/2017	6.3				
4/5/2017				10	
4/6/2017	5.8	6.1	9.7		13
6/20/2017		6.6			
6/21/2017			9.7	10	13
6/22/2017	6.4				
10/5/2017		7.2	11	12	15
10/6/2017	7.4				
3/20/2018		6.6	11	12	
3/21/2018					14
3/22/2018	6.8				
10/2/2018		6.5	9.6	11	
10/3/2018	6.4				13
3/26/2019	6.3	6.4	9.6	11	12
9/11/2019	7	7.3	10		
9/12/2019				14	14
3/18/2020	9.3	6.9	11		
3/19/2020				14	14
9/9/2020		6.5	10	15	
9/10/2020	6.7				13
4/1/2021		6.2	11		
4/5/2021				15	14
4/6/2021	7.4				
8/11/2021	6.7	6.9	10	17	14
10/7/2021				17	
2/16/2022	6.7	6.3	9.7	15	13
8/25/2022			11	18	15
8/26/2022	7.5	7			
12/28/2022				19	
2/27/2023	8.1	7.3			
2/28/2023			11	18	16
8/8/2023				18	16
8/9/2023	7.7	7.2	11		
2/29/2024			11	19	
3/1/2024	7.6	7.6			17
8/6/2024	7.4		11	20	17
8/8/2024		8.3			

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/24/2025	7.9				
2/25/2025		7.2	10	18	18
4/22/2025				20 (R)	
7/28/2025			10		18
7/30/2025	7.3			40	
7/31/2025		6.8			
10/20/2025				17 (R)	
10/21/2025					18 (R)

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	5.342	1.789	1.69		
4/12/2016				4.32	2.34
6/15/2016	5.2	2.1	1.9		
6/16/2016				3.8 (D)	2.4 (D)
8/10/2016	5.5	1.8	1.7		
8/11/2016				4	2.4
10/4/2016	5.4	1.7		3.6	2.2
10/5/2016			1.6		
11/29/2016		1.7	1.7		
11/30/2016	5.4			3.8	2.2
2/7/2017	5.1	1.6	1.6	4.3	2.1
4/4/2017	5.1	1.6	1.5		
4/5/2017				4.1	
4/6/2017					2.1
6/20/2017	5.2	1.6	1.5	3.9	2.1
10/4/2017	5.2			3.6	2
10/5/2017		1.5	1.5		
3/20/2018	5.6	1.5	1.4	3.9	2
10/2/2018	6.3	1.6	1.5	3.7	2
3/26/2019	5.5	1.5	1.3	3.6	1.9
9/10/2019	5.2	1.4	1.3	2.9	1.7
3/18/2020	5.4	1.7	2	4.2	2.4
9/9/2020	6.1	1.6	1.3	3.9	2
4/1/2021	7	1.8	1.5	4.2	2.5
8/11/2021	7.2	1.8	1.4		
8/12/2021					2.5
8/18/2021				4	
2/15/2022	6.5	1.6	1.4	4	2.2
8/24/2022			1.4	3.6	
8/25/2022	6.9	1.6			
8/26/2022					2.1
2/27/2023				3.8	2.2
2/28/2023	6.3	1.7	1.4		
8/3/2023	6.3	1.6	1.3		
8/9/2023				3.5	2.1
2/28/2024		1.6	1.4		
3/1/2024				4.2	2.5
3/4/2024	5.6				
8/6/2024	6	1.7	1.4	3.5	2.2
2/25/2025	5.7	1.6		3.9	2.1
2/26/2025			1.5		
7/24/2025	6	2.1	2.4		
7/25/2025				4.4	
7/31/2025					2.3

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	3.04	4.57		6.07	
4/13/2016					1.68
4/19/2016			124 (O)		
6/20/2016	3.1	3.1		6.8	2
6/22/2016			81		
8/15/2016					1.8
8/16/2016	3.2	3.2	71	7.6	
10/5/2016	3.2				
10/6/2016		3.4	68	7.3	1.7
11/30/2016	3.3	4.1		7.1	
12/1/2016			74		1.7
2/8/2017	3.5	7.2			
2/9/2017			76	5.8	1.7
4/6/2017	3.4	7.4	92	5.7	
4/7/2017					1.7
6/21/2017	3.5		100	6.1	
6/22/2017		7.8			1.6
10/5/2017	3.5		67		
10/6/2017		9.1		5.1	1.6
3/21/2018	3.4	13		5.4	
3/22/2018			74		1.6
10/3/2018	3.5	13	46	5.7	
10/4/2018					1.7
3/26/2019	3	9.2		4.2	
3/27/2019			42		1.7
9/10/2019	2.5	5.1			
9/11/2019			19	7.2	2.1
3/18/2020	2.8		30	4	
3/19/2020		8.7			2.1
9/9/2020			8.7		
9/10/2020	2.7	9.7		6.3	2.5
4/1/2021			18		2.9
4/2/2021		11			
4/6/2021	2.9				
6/2/2021				6.3	
8/11/2021				6.5	3
8/12/2021	3.3	12	22		
2/15/2022	2.7	11	16	6.1	2.7
8/25/2022	3.2	11	12	6.2	3
2/27/2023		16		5.2	3.5
2/28/2023	3.1		11		
5/2/2023		24			
8/8/2023		16	8.2	5.5	3.8
8/9/2023	3.2				
2/29/2024		21	8.2	7	4.8
3/4/2024	3				
5/20/2024		28			
8/6/2024			8.1		4.9
8/7/2024	2.7	19		5.9	
2/24/2025				6.1	6.5
2/25/2025	2.4	28	4.9 (J)		
4/22/2025		45 (R)			

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
7/24/2025		48			9.5
7/25/2025	3.2		5.5		
7/31/2025				4.6	
10/20/2025					11 (R)
10/21/2025		49 (R)			

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		3.64	2.04	1.78	1.8
4/19/2016	6.9				
6/21/2016			2.2	2	2
6/22/2016		3.8			
8/15/2016		3.7	2.2	1.9	1.8
10/5/2016			2.1	1.8	1.7
10/6/2016		3.4			
10/10/2016	7.2				
12/1/2016	7.1	4	2.1	1.8	1.7
2/8/2017		4	2.3	1.8	1.7
2/9/2017	7.2				
4/5/2017					1.7
4/6/2017		4	2.2	1.7	
4/7/2017	7.5				
6/20/2017				1.7	1.6
6/21/2017	7.6	3.3	2.3		
8/15/2017	7.8				
9/1/2017	7.6				
10/5/2017		3.3	2.3	1.7	1.6
10/9/2017	7.5				
3/21/2018		3.6	2.3	1.6	1.6
3/22/2018	7				
10/2/2018		3.1	2.6	1.7	1.6
10/4/2018	6.1				
3/26/2019					1.7
3/27/2019	6.6	3	2.4	1.5	
9/11/2019	7	3.4	2.9	1.8	1.9
3/18/2020	8.5	3.4	4.1	1.9	2.1
9/9/2020	11	3.2	4.3		
9/10/2020				1.9	1.8
4/1/2021		4.3	4.4	1.9	2
6/1/2021	9.4				
8/11/2021				1.8	1.8
8/12/2021	7.8	4.1			
8/17/2021			3.1		
2/15/2022	9.1	3.7	4.6		
2/16/2022				1.7	1.9
8/25/2022	7.5	4.2	5	1.8	
8/26/2022					1.7
2/21/2023			4.3		
2/27/2023	8.8	4.2		1.8	1.9
8/8/2023	8.2	4			
8/9/2023			3.7	1.7	1.8
2/29/2024	8.1			2.2	2.3
3/1/2024		5.2	5		
8/6/2024	6.8	5.2	5.2	1.9	2
2/24/2025	6.8	6.3	4.6	1.8	2.1
7/30/2025				1.5	2
7/31/2025	6	4.5			
8/1/2025			3.6		

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			2.53	1.84	
4/12/2016					2.03
4/13/2016	1.82	2.71			
6/16/2016			2.5 (D)	1.9 (D)	2.2 (D)
6/21/2016	1.9	3			
8/11/2016			2.6	1.9	2.1
8/15/2016	1.6	3.1			
10/4/2016		3			
10/5/2016			2.5	1.7	1.9
10/7/2016	1.5				
11/29/2016			2.4	1.7	
11/30/2016					2
12/1/2016	1.4	3.1			
2/7/2017		2.9			
2/8/2017			2.5	1.7	2
2/9/2017	1.5				
4/5/2017				1.7	
4/6/2017	1.4	2.7	2.4		<1
6/20/2017		2.9			
6/21/2017			2.4	1.7	1.9
6/22/2017	1.5				
10/5/2017		2.8	2.3	1.6	1.9
10/6/2017	1.3				
3/20/2018		2.7	2.3	1.6	
3/21/2018					1.8
3/22/2018	1.4				
10/2/2018		3	2.5	1.7	
10/3/2018	1.5				2
3/26/2019	1.6	2.5	2.7	1.8	1.9
9/11/2019	1.5	3.1	2.6		
9/12/2019				1.5	1.6
3/18/2020	1.6	3	2.7		
3/19/2020				2.2	2.2
9/9/2020		2.9	2.8	2.4	
9/10/2020	1.7				2.1
4/1/2021		3.8	2.8		
4/6/2021	1.8				
6/1/2021				2.6	2.1
8/11/2021	1.6	3.7	2.9	2.8	2.1
2/16/2022	1.5	3.2	2.7	2.4	2
8/25/2022			2.8	2.4	2.1
8/26/2022	1.5	3.3			
2/27/2023	1.5	3.5			
2/28/2023			2.8	2.6	2.2
8/8/2023				2.6	2.2
8/9/2023	1.4	3.5	2.6		
2/29/2024			3.2	3.1	
3/1/2024	1.8	4.7			2.5
8/6/2024	1.5		2.8	2.8	2.3
8/8/2024		4.4			
2/24/2025	1.5				
2/25/2025		4.3	2.8	2.7	2.4

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
7/28/2025			2.8		2.6
7/30/2025	1.4			10	
7/31/2025		3.9			
10/20/2025				3.1 (R)	

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			0.0032 (J)		
5/9/2010	<0.005	0.003 (J)			
5/11/2010				0.0077	0.0051
6/16/2010		0.0042 (J)	0.0037 (J)		
6/17/2010				0.0053	
6/18/2010	<0.005				
6/19/2010					<0.005
7/26/2010			0.0058		
7/27/2010		0.0048 (J)		0.0085	0.01
7/28/2010	<0.005				
9/7/2010		0.0037 (J)	0.0078		
9/9/2010	<0.005			0.0076	0.0072
4/28/2011				0.0048 (J)	0.0077
4/29/2011		0.0046 (J)	0.005		
4/30/2011	<0.005				
10/28/2011	<0.005	0.005	0.0068		0.011
10/29/2011				0.0093	
5/2/2012	<0.005	0.0052	0.0065		
5/3/2012				0.01	0.011
11/9/2012	<0.005	0.0054	0.006	0.009	0.0089
5/8/2013	<0.005	0.0058	0.0074		
5/9/2013				0.0085	0.0089
11/5/2013	0.0036 (J)			0.015	0.011
11/6/2013		0.0062 (J)	0.0082 (J)		
5/20/2014	<0.005	0.0047 (J)	0.0051 (J)		
5/22/2014					0.01
5/23/2014				0.012	
11/8/2014		0.0064 (J)	0.0074 (J)		
11/12/2014	<0.005				
11/13/2014				0.011	0.0084 (J)
5/22/2015	<0.005	0.0059 (J)	0.0084 (J)		
5/23/2015				0.012	
5/24/2015					0.0095 (J)
11/9/2015		0.0043 (J)	0.009 (J)		
11/11/2015	<0.005			0.014	0.011
4/6/2016	<0.005	0.00457 (J)	0.00779 (J)		
4/12/2016				0.0135	0.0122
6/15/2016	0.00029 (J)	0.0042 (J)	0.0072 (J)		
6/16/2016				0.014	0.011
8/10/2016	<0.005	0.0042	0.0068		
8/11/2016				0.013	0.01
10/4/2016	<0.005	0.0052		0.014	0.011
10/5/2016			0.0076		
11/29/2016		0.004	0.0045		
11/30/2016	<0.005			0.013	0.0098
2/7/2017	<0.005	0.004	0.0067	0.013	0.0096
4/4/2017	<0.005	0.0021 (J)	0.0079		
4/5/2017				0.014	
4/6/2017					0.01
6/20/2017	<0.005	0.0046	0.0084	0.013	0.01
10/4/2017	<0.005			0.015	0.011
10/5/2017		0.005	0.0061		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.005	0.0044	0.006	0.013	0.0099
10/2/2018	<0.005	0.0043	0.0061	0.014	0.01
3/26/2019	<0.005	0.0046	0.0065	0.013	0.0096
9/10/2019	0.0023 (J)	0.0076	0.012	0.018	0.014
3/18/2020	<0.005	0.0044	0.0083	0.014	0.011
9/9/2020	<0.005	0.005	0.0088	0.014	0.01
4/1/2021	<0.005	0.0053	0.0082	0.014	0.0057
8/11/2021	<0.005	0.0059	0.0089		
8/12/2021					0.012
8/18/2021				0.014	
2/15/2022	<0.005	0.0056	0.0084	0.011	0.011
8/24/2022			0.0076	0.014	
8/25/2022	<0.005	0.0056			
8/26/2022					0.0095
2/27/2023				0.014	0.012
2/28/2023	<0.005	0.0061	0.0083		
8/3/2023	<0.005	0.0073	0.0089		
8/9/2023				0.017	0.012
2/28/2024		0.0071	0.0096		
3/1/2024				0.014	0.011
3/4/2024	<0.005				
8/6/2024	<0.005	0.008	0.0086	0.016	0.012
2/25/2025	<0.005	0.0068		0.013	0.0092
2/26/2025			0.0083		
7/24/2025	<0.005	0.0082	0.0085		
7/25/2025				0.013	
7/31/2025					0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					0.007
5/11/2010	0.01	0.0046 (J)	0.004 (J)	<0.005	
6/17/2010	0.0087	0.007			
6/18/2010			0.0056	0.0063	0.011
7/27/2010			0.0051	0.004 (J)	
7/28/2010	0.028 (O)	0.0084			0.0092
9/7/2010	0.022				
9/8/2010		0.0071			
9/9/2010			0.0037 (J)	0.0053	0.01
4/28/2011		0.008			
4/29/2011	0.0099		0.0036 (J)		
4/30/2011				0.0035 (J)	0.012
10/28/2011	0.0089		0.0026 (J)		
10/29/2011		0.0054		0.0048 (J)	0.012
5/3/2012	0.0091	0.0065			
5/4/2012			0.0031 (J)	0.0064	0.013
11/9/2012	0.008				
11/10/2012		0.0059	<0.005	0.0084	0.0097
5/9/2013			0.0033 (J)	0.0041 (J)	0.013
5/10/2013	0.019	0.0083			
11/6/2013	0.013	0.0099 (J)	0.0045 (J)		
11/7/2013				0.0077 (J)	0.013
5/21/2014				0.0044 (J)	0.0091 (J)
5/22/2014	0.0093 (J)	0.0049 (J)	0.0035 (J)		
11/9/2014	0.0098 (J)	0.0068 (J)	0.0062 (J)	0.0071 (J)	
11/12/2014					0.0097 (J)
5/22/2015	0.01	0.0087 (J)			
5/24/2015			0.012	0.01	0.018
11/10/2015	0.011				
11/11/2015		0.0084 (J)	0.0068 (J)	0.0053 (J)	0.0086 (J)
4/12/2016	0.00925 (J)	0.00419 (J)		0.00493 (J)	
4/13/2016					0.00924 (J)
4/19/2016			0.00368 (J)		
6/20/2016	0.0076 (J)	0.0043 (J)		0.0043 (J)	0.0084 (J)
6/22/2016			0.0031 (J)		
8/12/2016	0.0079	0.0037		0.0037	
8/15/2016					0.0083
8/16/2016			0.0028		
10/5/2016	0.0085				
10/6/2016		0.0062	0.003	0.004	0.0081
11/30/2016	0.0086	0.0043		0.0035	
12/1/2016			0.0022 (J)		0.0083
2/8/2017	0.011	0.0052			
2/9/2017			0.0035	0.0041	0.0087
4/6/2017	0.0098	0.005	0.0032	0.0038	
4/7/2017					0.009
6/21/2017	0.011		0.0031	0.004	
6/22/2017		0.0052			0.0092
10/5/2017	0.01		0.0029		
10/6/2017		0.0049		0.0038	0.0095
3/21/2018	0.0093	0.0062		0.012	
3/22/2018			0.0086		0.0086

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.0081	0.0039	0.003	0.0042	
10/4/2018					0.0083
3/26/2019	0.0075	0.0084		0.0044	
3/27/2019			0.0039		0.0088
9/10/2019	0.0092	0.0067			
9/11/2019			0.0079	0.0078	0.013
3/18/2020	0.0049		0.0052	0.0046	
3/19/2020		0.0045			0.011
9/9/2020			0.0048		
9/10/2020	0.0061	0.0055		0.0049	0.0098
4/1/2021			0.0058		0.0091
4/2/2021		0.0052			
4/5/2021				0.005	
4/6/2021	0.0074				
8/11/2021				0.005	0.0092
8/12/2021	0.0085	0.0045	0.0053		
2/15/2022	0.0076	0.0041	0.0061	0.0046	0.0088
8/25/2022	0.0072	0.0038	0.0058	0.0046	0.0085
2/27/2023		0.0039		0.0047	0.0092
2/28/2023	0.01		0.0068		
8/8/2023		0.0049	0.0066	0.0048	0.0094
8/9/2023	0.013				
2/29/2024		0.0038	0.0074	0.0051	0.012
3/4/2024	0.014				
8/6/2024			0.0067		0.02
8/7/2024	0.018	0.0031		0.0046	
11/6/2024					0.02
2/24/2025				0.0054	0.024
2/25/2025	0.015	0.0025	0.0057		
7/24/2025		<0.005			0.023
7/25/2025	0.019		0.0057		
7/31/2025				0.0056	
10/20/2025					0.027 (R)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	<0.005	0.0097	0.011	0.011	
6/16/2010		0.0074	0.0095	0.012	
6/18/2010					<0.005
6/19/2010	<0.005				
7/27/2010		0.0068		0.012	0.002 (J)
7/28/2010	0.0034 (J)		0.01		
9/8/2010	0.014	0.007	0.011	0.011	<0.005
4/29/2011		0.0062	0.0096	0.01	<0.005
4/30/2011	0.022				
10/27/2011	0.0064	0.0084	0.011	0.0077	
10/28/2011					<0.005
5/3/2012		0.0099			<0.005
5/4/2012	0.059 (o)		0.01	0.0082	
11/10/2012				0.007	<0.005
11/11/2012	0.011	0.0073	0.01		
5/9/2013		0.0085	0.011	0.0079	<0.005
5/10/2013	0.038 (O)				
11/5/2013			0.015		
11/6/2013		0.013		0.011	0.0031 (J)
11/7/2013	0.012				
5/20/2014				0.0076 (J)	0.002 (J)
5/21/2014	0.0048 (J)	0.0097 (J)	0.013		
11/12/2014		0.0072 (J)	0.012	0.0071 (J)	<0.005
11/13/2014	0.023				
5/23/2015	0.015	0.0095 (J)	0.014		0.0027 (J)
5/24/2015				0.0083 (J)	
11/11/2015	0.016				
11/12/2015		0.0046 (J)	0.016	0.0069 (J)	0.0022 (J)
4/13/2016		0.00627 (J)	0.0152	0.00804 (J)	<0.005
4/19/2016	0.0086 (J)				
6/21/2016			0.016	0.0086 (J)	0.0012 (J)
6/22/2016		0.0079 (J)			
8/15/2016		0.0075	0.015	0.0073	0.0021 (J)
10/5/2016			0.016	0.0077	0.0013 (J)
10/6/2016		0.0071			
10/10/2016	0.0052				
12/1/2016	0.0062	0.007	0.015	0.0075	0.0015 (J)
2/8/2017		0.0047	0.017	0.0078	0.0016 (J)
2/9/2017	0.0091				
4/5/2017					0.0014 (J)
4/6/2017		0.006	0.018	0.0079	
4/7/2017	<0.005				
6/20/2017				0.0078	0.0015 (J)
6/21/2017	<0.005	0.0071	0.017		
8/15/2017	<0.005				
9/1/2017	<0.005				
10/5/2017		0.008	0.018	0.0081	0.0015 (J)
10/9/2017	<0.005				
3/21/2018		0.0046	0.017	0.0081	0.0014 (J)
3/22/2018	0.0079				
10/2/2018		0.0081	0.018	0.0075	0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.005				
3/26/2019					0.0013 (J)
3/27/2019	<0.005	0.0064	0.017	0.007	
9/11/2019	0.0052	0.012	0.023	0.011	0.0036
3/18/2020	<0.005	0.0066	0.02	0.0086	0.0016 (J)
9/9/2020	<0.005	0.0081	0.018		
9/10/2020				0.009	<0.005
4/1/2021		0.0018 (J)	0.02	0.0078	0.0015 (J)
4/5/2021	<0.005				
8/11/2021				0.0078	<0.005
8/12/2021	<0.005	0.0077			
8/17/2021			0.042 (o)		
10/18/2021			0.019		
2/15/2022	<0.005	0.0079	0.021		
2/16/2022				0.0074	<0.005
8/25/2022	<0.005	0.0092	0.018	0.0069	
8/26/2022					<0.005
2/21/2023			0.02		
2/27/2023	<0.005	0.0094		0.0082	0.002
8/8/2023	0.0013 (J)	0.0085			
8/9/2023			0.022	0.0087	0.0026
2/29/2024	<0.005			0.0086	0.0021
3/1/2024		0.0092	0.019		
8/6/2024	<0.005	0.0084	0.018	0.0072	0.0014 (J)
2/24/2025	<0.005	0.0029	0.017	0.0079	0.0012 (J)
7/30/2025				0.0087	<0.005
7/31/2025	<0.005	0.0083			
8/1/2025			0.015		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	0.0051	<0.005			
5/10/2010			0.012		
5/11/2010				0.0039 (J)	0.0063
6/16/2010			0.014	0.0049 (J)	
6/17/2010					0.0053
6/18/2010	0.0043 (J)	<0.005			
7/26/2010			0.013		
7/27/2010				0.0047 (J)	0.0064
7/28/2010		<0.005			
7/29/2010	0.0058				
9/7/2010			0.015	0.0057	0.0078
9/9/2010	0.0052	<0.005			
4/26/2011	0.0025 (J)				
4/29/2011			0.014	0.0087	0.0065
4/30/2011		<0.005			
10/28/2011	0.0035 (J)	<0.005	0.014	0.0075	0.0092
5/2/2012			0.017	0.011	
5/3/2012		<0.005			0.011
5/4/2012	0.0073				
11/9/2012			0.014	0.0076	
11/10/2012		<0.005			0.0073
11/11/2012	0.004 (J)				
5/8/2013	0.006	<0.005	0.017		
5/9/2013				0.0088	0.0098
11/5/2013		0.0036 (J)			
11/6/2013			0.017	0.011	0.011
11/7/2013	0.0068 (J)				
5/20/2014	0.0039 (J)	<0.005			
5/22/2014				0.0057 (J)	0.0097 (J)
5/23/2014			0.013		
11/8/2014			0.018	0.013	
11/9/2014					0.012
11/12/2014	0.0039 (J)	<0.005			
5/22/2015			0.02	0.014	0.016
5/24/2015	0.004 (J)	<0.005			
11/10/2015			0.013	0.0091 (J)	0.0088 (J)
11/11/2015		<0.005			
11/12/2015	0.0077 (J)				
4/11/2016			0.0139	0.00767 (J)	
4/12/2016					0.00965 (J)
4/13/2016	0.0038 (J)	<0.005			
6/16/2016			0.014	0.0082 (J)	0.0087 (J)
6/21/2016	0.0035 (J)	0.0006 (J)			
8/11/2016			0.016	0.0085	0.0083
8/15/2016	0.0034	<0.005			
10/4/2016		<0.005			
10/5/2016			0.014	0.01	0.0094
10/7/2016	0.0037				
11/29/2016			0.013	0.0087	
11/30/2016					0.0084
12/1/2016	0.0037	<0.005			
2/7/2017		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			0.013	0.0093	0.0091
2/9/2017	0.0038				
4/5/2017				0.0098	
4/6/2017	0.0039	<0.005	0.014		0.011
6/20/2017		<0.005			
6/21/2017			0.013	0.0094	0.0081
6/22/2017	0.0042				
10/5/2017		<0.005	0.014	0.0096	0.0083
10/6/2017	0.0039				
3/20/2018		<0.005	0.014	0.0097	
3/21/2018					0.0085
3/22/2018	0.028 (O)				
10/2/2018		<0.005	0.014	0.0097	
10/3/2018	0.0056				0.0091
3/26/2019	0.0048	<0.005	0.014	0.0091	0.0092
9/11/2019	0.0075	0.0038	0.017		
9/12/2019				0.012	0.011
3/18/2020	0.008	<0.005	0.014		
3/19/2020				0.012	0.0094
9/9/2020		<0.005	0.013	0.011	
9/10/2020	0.0054				0.009
4/1/2021		<0.005	0.014		
4/5/2021				0.012	0.008
4/6/2021	0.0061				
8/11/2021	0.0051	<0.005	0.014	0.013	0.0087
2/16/2022	0.005	<0.005	0.012	0.011	0.0081
8/25/2022			0.012	0.015	0.0079
8/26/2022	0.0043	<0.005			
2/27/2023	0.006	<0.005			
2/28/2023			0.012	0.014	0.009
8/8/2023				0.014	0.01
8/9/2023	0.0066	0.0018 (J)	0.014		
2/29/2024			0.013	0.015	
3/1/2024	0.0059	0.0022			0.0088
8/6/2024	0.0045		0.013	0.015	0.0088
8/8/2024		<0.005			
2/24/2025	0.0053				
2/25/2025		<0.005	0.011	0.016	0.0084
7/28/2025			0.015		0.0098
7/30/2025	0.0053			0.014	
7/31/2025		<0.005			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.005		
5/9/2010	<0.0025	<0.005			
5/11/2010				<0.005	<0.005
6/16/2010		<0.005	<0.005		
6/17/2010				<0.005	
6/18/2010	<0.0025				
6/19/2010					<0.005
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.0025				
9/7/2010		<0.005	<0.005		
9/9/2010	<0.0025			<0.005	<0.005
4/28/2011				<0.005	<0.005
4/29/2011		0.003 (JO)	<0.005		
4/30/2011	<0.0025				
10/28/2011	<0.0025	<0.005	<0.005		<0.005
10/29/2011				<0.005	
5/2/2012	<0.0025	<0.005	<0.005		
5/3/2012				<0.005	<0.005
11/9/2012	<0.0025	<0.005	<0.005	<0.005	<0.005
5/8/2013	<0.0025	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013	<0.0025			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.0025	<0.005	<0.005		
5/22/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.0025				
11/13/2014				<0.005	<0.005
5/22/2015	<0.0025	<0.005	<0.005		
5/23/2015				<0.005	
5/24/2015					<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.0025			<0.005	<0.005
4/6/2016	0.00261 (JO)	<0.005	<0.005		
4/12/2016				<0.005	<0.005
6/15/2016	0.00092 (J)	2.2E-05 (J)	8.4E-05 (J)		
6/16/2016				2E-05 (J)	1.1E-05 (J)
8/10/2016	0.00076 (J)	<0.005	<0.005		
8/11/2016				<0.005	<0.005
10/4/2016	0.00081 (J)	<0.005		<0.005	<0.005
10/5/2016			<0.005		
11/29/2016		<0.005	<0.005		
11/30/2016	0.00061 (J)			<0.005	<0.005
2/7/2017	<0.0025	<0.005	<0.005	<0.005	<0.005
4/4/2017	0.00084 (J)	<0.005	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
6/20/2017	0.0012 (J)	<0.005	<0.005	<0.005	<0.005
10/4/2017	0.00087 (J)			<0.005	<0.005
10/5/2017		<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	0.0018 (J)	<0.005	<0.005	<0.005	<0.005
10/2/2018	0.0011 (J)	<0.005	<0.005	<0.005	<0.005
3/26/2019	0.0019 (J)	<0.005	<0.005	<0.005	<0.005
9/10/2019	0.0012 (J)	0.00031 (J)	0.00052 (J)	<0.005	0.00015 (J)
3/18/2020	0.0017 (J)	0.00034 (J)	<0.005	0.00017 (J)	<0.005
9/9/2020	0.0016 (J)	<0.005	0.00019 (J)	<0.005	<0.005
4/1/2021	0.0024 (J)	0.00014 (J)	<0.005	<0.005	<0.005
8/11/2021	0.0011 (J)	<0.005	<0.005		
8/12/2021					0.0002 (J)
8/18/2021				0.00025 (J)	
2/15/2022	0.0029	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	<0.005	
8/25/2022	0.0014 (J)	<0.005			
8/26/2022					<0.005
2/27/2023				<0.005	<0.005
2/28/2023	0.0026	<0.005	<0.005		
8/3/2023	0.0017 (J)	<0.005	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				<0.005	<0.005
3/4/2024	0.0026				
8/6/2024	0.001 (J)	<0.005	<0.005	<0.005	<0.005
2/25/2025	0.0013 (J)	<0.005		<0.005	<0.005
2/26/2025			<0.005		
7/24/2025	0.0016 (J)	<0.005	<0.005		
7/25/2025				<0.005	
7/31/2025					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.005
5/11/2010	<0.005	<0.005	<0.005	<0.005	
6/17/2010	<0.005	<0.005			
6/18/2010			<0.005	<0.005	<0.005
7/27/2010			<0.005	<0.005	
7/28/2010	0.0034 (JO)	<0.005			<0.005
9/7/2010	<0.005				
9/8/2010		<0.005			
9/9/2010			<0.005	<0.005	<0.005
4/28/2011		<0.005			
4/29/2011	0.0037 (JO)		<0.005		
4/30/2011				<0.005	<0.005
10/28/2011	<0.005		<0.005		
10/29/2011		<0.005		<0.005	<0.005
5/3/2012	<0.005	<0.005			
5/4/2012			<0.005	<0.005	<0.005
11/9/2012	<0.005				
11/10/2012		<0.005	<0.005	<0.005	<0.005
5/9/2013			<0.005	<0.005	<0.005
5/10/2013	<0.005	<0.005			
11/6/2013	<0.005	<0.005	<0.005		
11/7/2013				<0.005	<0.005
5/21/2014				<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005		
11/9/2014	<0.005	<0.005	<0.005	<0.005	
11/12/2014					<0.005
5/22/2015	<0.005	<0.005			
5/24/2015			<0.005	<0.005	<0.005
11/10/2015	<0.005				
11/11/2015		<0.005	<0.005	<0.005	<0.005
4/12/2016	<0.005	<0.005		<0.005	
4/13/2016					<0.005
4/19/2016			<0.005		
6/20/2016	0.0001 (J)	0.00016 (J)		3E-05 (J)	8.6E-05 (J)
6/22/2016			<0.005		
8/12/2016	0.00042 (J)	<0.005		<0.005	
8/15/2016					<0.005
8/16/2016			<0.005		
10/5/2016	<0.005				
10/6/2016		0.00068 (J)	<0.005	<0.005	<0.005
11/30/2016	<0.005	<0.005		<0.005	
12/1/2016			<0.005		<0.005
2/8/2017	<0.005	<0.005			
2/9/2017			<0.005	<0.005	<0.005
4/6/2017	<0.005	<0.005	<0.005	<0.005	
4/7/2017					<0.005
6/21/2017	0.00042 (J)		<0.005	<0.005	
6/22/2017		<0.005			<0.005
10/5/2017	<0.005		<0.005		
10/6/2017		<0.005		<0.005	<0.005
3/21/2018	<0.005	<0.005		<0.005	
3/22/2018			<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.005	<0.005	<0.005	<0.005	
10/4/2018					<0.005
3/26/2019	<0.005	0.00096 (J)		<0.005	
3/27/2019			<0.005		<0.005
9/10/2019	0.00028 (J)	<0.005			
9/11/2019			9.9E-05 (J)	8.7E-05 (J)	0.00016 (J)
3/18/2020	0.00014 (J)		<0.005	<0.005	
3/19/2020		0.00021 (J)			0.00013 (J)
9/9/2020			<0.005		
9/10/2020	0.00023 (J)	0.00032 (J)		<0.005	0.00038 (J)
4/1/2021			<0.005		0.00015 (J)
4/2/2021		0.00026 (J)			
4/5/2021				0.00015 (J)	
4/6/2021	0.00031 (J)				
8/11/2021				<0.005	<0.005
8/12/2021	0.00067 (J)	<0.005	<0.005		
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022	0.00046 (J)	<0.005	<0.005	<0.005	<0.005
2/27/2023		<0.005		<0.005	<0.005
2/28/2023	<0.005		<0.005		
8/8/2023		<0.005	<0.005	<0.005	<0.005
8/9/2023	<0.005				
2/29/2024		<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005				
8/6/2024			<0.005		<0.005
8/7/2024	0.00023 (J)	<0.005		<0.005	
2/24/2025				<0.005	<0.005
2/25/2025	<0.005	<0.005	<0.005		
7/24/2025		<0.005			<0.005
7/25/2025	<0.005		<0.005		
7/31/2025				<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	<0.0025	<0.005	<0.005	<0.005	
6/16/2010		<0.005	<0.005	<0.005	
6/18/2010					<0.005
6/19/2010	<0.0025				
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.0025		<0.005		
9/8/2010	<0.0025	<0.005	<0.005	<0.005	<0.005
4/29/2011		<0.005	<0.005	<0.005	<0.005
4/30/2011	0.0063 (JO)				
10/27/2011	<0.0025	<0.005	<0.005	<0.005	
10/28/2011					<0.005
5/3/2012		<0.005			<0.005
5/4/2012	<0.0025		<0.005	<0.005	
11/10/2012				<0.005	<0.005
11/11/2012	<0.0025	<0.005	<0.005		
5/9/2013		<0.005	<0.005	<0.005	<0.005
5/10/2013	0.0068 (JO)				
11/5/2013			<0.005		
11/6/2013		<0.005		<0.005	<0.005
11/7/2013	<0.0025				
5/20/2014				<0.005	<0.005
5/21/2014	<0.0025	<0.005	<0.005		
11/12/2014		<0.005	<0.005	<0.005	<0.005
11/13/2014	0.0046 (J)				
5/23/2015	<0.0025	<0.005	<0.005		<0.005
5/24/2015				<0.005	
11/11/2015	<0.0025				
11/12/2015		<0.005	<0.005	<0.005	<0.005
4/13/2016		<0.005	<0.005	<0.005	<0.005
4/19/2016	<0.0025				
6/21/2016			<0.005	<0.005	0.0004 (J)
6/22/2016		<0.005			
8/15/2016		<0.005	<0.005	<0.005	0.00042 (J)
10/5/2016			<0.005	<0.005	0.00049 (J)
10/6/2016		<0.005			
10/10/2016	<0.0025				
12/1/2016	0.00068 (J)	<0.005	<0.005	<0.005	<0.005
2/8/2017		<0.005	<0.005	<0.005	<0.005
2/9/2017	0.0009 (J)				
4/5/2017					<0.005
4/6/2017		<0.005	<0.005	<0.005	
4/7/2017	0.0011 (J)				
6/20/2017				<0.005	0.0004 (J)
6/21/2017	0.00064 (J)	<0.005	<0.005		
8/15/2017	0.001 (J)				
9/1/2017	0.00089 (J)				
10/5/2017		<0.005	<0.005	<0.005	0.00041 (J)
10/9/2017	0.00085 (J)				
3/21/2018		<0.005	<0.005	<0.005	<0.005
3/22/2018	<0.0025 (O)				
10/2/2018		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	0.00048 (J)				
3/26/2019					<0.005
3/27/2019	0.0012 (J)	<0.005	<0.005	<0.005	
9/11/2019	0.00085 (J)	0.00016 (J)	<0.005	<0.005	0.00042 (J)
3/18/2020	0.0027	<0.005	<0.005	<0.005	0.00013 (J)
9/9/2020	0.0043	0.00023 (J)	<0.005		
9/10/2020				0.00033 (J)	0.00057 (J)
4/1/2021		0.00015 (J)	<0.005	<0.005	0.00028 (J)
4/5/2021	0.0026				
8/11/2021				<0.005	0.00033 (J)
8/12/2021	0.0019 (J)	0.00013 (J)			
8/17/2021			0.0035		
10/18/2021			<0.005		
2/15/2022	0.0037	<0.005	<0.005		
2/16/2022				<0.005	0.00033 (J)
8/25/2022	0.0021 (J)	0.00053 (J)	<0.005	<0.005	
8/26/2022					0.00033 (J)
2/21/2023			<0.005		
2/27/2023	0.004	<0.005		<0.005	<0.005
8/8/2023	0.0044	<0.005			
8/9/2023			<0.005	<0.005	0.00035 (J)
2/29/2024	0.0031			<0.005	0.00027 (J)
3/1/2024		<0.005	<0.005		
8/6/2024	0.0017 (J)	<0.005	<0.005	<0.005	0.00029 (J)
2/24/2025	0.0018 (J)	<0.005	<0.005	<0.005	<0.005
7/30/2025				<0.005	<0.005
7/31/2025	0.0025 (J)	<0.005			
8/1/2025			<0.005		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.005	<0.005			
5/10/2010			<0.005		
5/11/2010				<0.005	<0.005
6/16/2010			<0.005	<0.005	
6/17/2010					<0.005
6/18/2010	<0.005	<0.005			
7/26/2010			<0.005		
7/27/2010				<0.005	<0.005
7/28/2010		<0.005			
7/29/2010	<0.005				
9/7/2010			<0.005	<0.005	<0.005
9/9/2010	<0.005	<0.005			
4/26/2011	<0.005				
4/29/2011			<0.005	<0.005	<0.005
4/30/2011		<0.005			
10/28/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/2/2012			<0.005	<0.005	
5/3/2012		<0.005			<0.005
5/4/2012	<0.005				
11/9/2012			<0.005	<0.005	
11/10/2012		<0.005			<0.005
11/11/2012	<0.005				
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013			<0.005	<0.005	<0.005
11/7/2013	<0.005				
5/20/2014	<0.005	<0.005			
5/22/2014				<0.005	<0.005
5/23/2014			<0.005		
11/8/2014			<0.005	<0.005	
11/9/2014					<0.005
11/12/2014	<0.005	<0.005			
5/22/2015			0.0032 (JO)	<0.005	<0.005
5/24/2015	<0.005	<0.005			
11/10/2015			<0.005	<0.005	<0.005
11/11/2015		<0.005			
11/12/2015	<0.005				
4/11/2016			<0.005	<0.005	
4/12/2016					<0.005
4/13/2016	<0.005	<0.005			
6/16/2016			8E-05 (J)	9.8E-05 (J)	0.00012 (J)
6/21/2016	<0.005	<0.005			
8/11/2016			<0.005	<0.005	<0.005
8/15/2016	<0.005	<0.005			
10/4/2016		<0.005			
10/5/2016			<0.005	<0.005	<0.005
10/7/2016	<0.005				
11/29/2016			<0.005	<0.005	
11/30/2016					<0.005
12/1/2016	<0.005	<0.005			
2/7/2017		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017				<0.005	
4/6/2017	<0.005	<0.005	<0.005		0.0005 (J)
6/20/2017		<0.005			
6/21/2017			<0.005	<0.005	<0.005
6/22/2017	<0.005				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/6/2017	<0.005				
3/20/2018		<0.005	<0.005	<0.005	
3/21/2018					<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.005	
10/3/2018	<0.005				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005	0.00023 (J)		
9/12/2019				0.00021 (J)	0.00021 (J)
3/18/2020	<0.005	<0.005	0.00018 (J)		
3/19/2020				0.00014 (J)	0.00026 (J)
9/9/2020		<0.005	0.00014 (J)	<0.005	
9/10/2020	<0.005				0.00018 (J)
4/1/2021		<0.005	<0.005		
4/5/2021				<0.005	<0.005
4/6/2021	<0.005				
8/11/2021	<0.005	<0.005	0.00021 (J)	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022			<0.005	<0.005	<0.005
8/26/2022	<0.005	<0.005			
2/27/2023	<0.005	<0.005			
2/28/2023			<0.005	<0.005	<0.005
8/8/2023				<0.005	<0.005
8/9/2023	<0.005	<0.005	<0.005		
2/29/2024			<0.005	<0.005	
3/1/2024	<0.005	<0.005			<0.005
8/6/2024	<0.005		<0.005	<0.005	<0.005
8/8/2024		<0.005			
2/24/2025	<0.005				
2/25/2025		<0.005	<0.005	<0.005	<0.005
7/28/2025			<0.005		<0.005
7/30/2025	<0.005			<0.005	
7/31/2025		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/11/2010				<0.002	<0.002
6/16/2010		<0.002	<0.002		
6/17/2010				<0.002	
6/18/2010	<0.002				
6/19/2010					<0.002
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	<0.002				
9/7/2010		<0.002	<0.002		
9/9/2010	<0.002			<0.002	<0.002
4/28/2011				<0.002	<0.002
4/29/2011		<0.002	<0.002		
4/30/2011	<0.002				
10/28/2011	<0.002	<0.002	<0.002		<0.002
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/22/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				
11/13/2014				<0.002	<0.002
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	
5/24/2015					<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	<0.002
10/4/2016	<0.002	<0.002		<0.002	<0.002
10/5/2016			<0.002		
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
10/4/2017	<0.002			<0.002	<0.002
10/5/2017		<0.002	<0.002		
3/20/2018	<0.002	<0.002	<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019	<0.002	0.00095 (J)	0.0012 (J)	<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	0.00074 (J)	<0.002	<0.002	0.00069 (J)
8/11/2021	<0.002	<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					0.00078 (J)
8/18/2021				0.0011 (J)	
2/15/2022	<0.002	<0.002	<0.002	0.0013 (J)	0.0013 (J)
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			
8/26/2022					<0.002
2/27/2023				<0.002	<0.002
2/28/2023	<0.002	<0.002	<0.002		
8/3/2023	<0.002	<0.002	<0.002		
8/9/2023				<0.002	<0.002
2/28/2024		<0.002	<0.002		
3/1/2024				<0.002	<0.002
3/4/2024	<0.002				
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/25/2025	<0.002	<0.002		<0.002	<0.002
2/26/2025			<0.002		
7/24/2025	<0.002	<0.002	<0.002		
7/25/2025				<0.002	
7/31/2025					<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.002
5/11/2010	0.003 (J)	<0.002	<0.002	<0.002	
6/17/2010	<0.002	0.0022 (J)			
6/18/2010			<0.002	0.0026 (J)	0.008 (JO)
7/27/2010			<0.002	0.0029 (J)	
7/28/2010	0.012 (O)	0.0033 (J)			0.0021 (J)
9/7/2010	0.0026 (J)				
9/8/2010		<0.002			
9/9/2010			<0.002	<0.002	<0.002
4/28/2011		0.0037 (J)			
4/29/2011	<0.002		<0.002		
4/30/2011				<0.002	<0.002
10/28/2011	<0.002		<0.002		
10/29/2011		<0.002		<0.002	<0.002
5/3/2012	<0.002	0.0031 (J)			
5/4/2012			<0.002	0.0037 (J)	<0.002
11/9/2012	<0.002				
11/10/2012		0.0021 (J)	<0.002	<0.002	<0.002
5/9/2013			<0.002	<0.002	<0.002
5/10/2013	0.0042 (J)	0.0025 (J)			
11/6/2013	<0.002	0.0032 (J)	<0.002		
11/7/2013				<0.002	0.0022 (J)
5/21/2014				<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002		
11/9/2014	<0.002	<0.002	<0.002	<0.002	
11/12/2014					<0.002
5/22/2015	<0.002	<0.002			
5/24/2015			<0.002	<0.002	0.0022 (J)
11/10/2015	<0.002				
11/11/2015		0.002 (J)	<0.002	<0.002	<0.002
4/12/2016	<0.002	<0.002		<0.002	
4/13/2016					<0.002
4/19/2016			<0.002		
10/5/2016	<0.002				
10/6/2016		0.0022 (J)	<0.002	<0.002	<0.002
4/6/2017	<0.002	<0.002	<0.002	<0.002	
4/7/2017					<0.002
10/5/2017	<0.002		<0.002		
10/6/2017		<0.002		<0.002	0.0026
3/21/2018	<0.002	<0.002		<0.002	
3/22/2018			<0.002		<0.002
10/3/2018	<0.002	<0.002	<0.002	<0.002	
10/4/2018					<0.002
3/26/2019	<0.002	0.0039		<0.002	
3/27/2019			<0.002		<0.002
9/10/2019	0.0011 (J)	0.0017 (J)			
9/11/2019			<0.002	0.00066 (J)	0.00086 (J)
3/18/2020	<0.002		<0.002	<0.002	
3/19/2020		<0.002			<0.002
9/9/2020			<0.002		
9/10/2020	0.00072 (J)	0.0011 (J)		<0.002	0.0024
4/1/2021			<0.002		0.00094 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		0.0012 (J)			
4/5/2021				<0.002	
4/6/2021	0.00088 (J)				
8/11/2021				<0.002	<0.002
8/12/2021	0.0019 (J)	<0.002	<0.002		
2/15/2022	0.0013 (J)	0.0011 (J)	<0.002	<0.002	<0.002
8/25/2022	0.0013 (J)	<0.002	<0.002	<0.002	<0.002
2/27/2023		<0.002		<0.002	<0.002
2/28/2023	<0.002		<0.002		
8/8/2023		<0.002	<0.002	<0.002	<0.002
8/9/2023	<0.002				
2/29/2024		<0.002	<0.002	<0.002	<0.002
3/4/2024	<0.002				
8/6/2024			<0.002		<0.002
8/7/2024	<0.002	<0.002		<0.002	
2/24/2025				<0.002	<0.002
2/25/2025	<0.002	<0.002	<0.002		
7/24/2025		<0.002			<0.002
7/25/2025	<0.002		<0.002		
7/31/2025				<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.002
5/10/2010	0.0036 (J)	<0.002	<0.002	<0.002	
6/16/2010		<0.002	<0.002	<0.002	
6/18/2010					<0.002
6/19/2010	0.004 (J)				
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	0.013		<0.002		
9/8/2010	0.068	<0.002	<0.002	<0.002	<0.002
4/29/2011		<0.002	<0.002	<0.002	<0.002
4/30/2011	0.098				
10/27/2011	0.02	<0.002	<0.002	<0.002	
10/28/2011					<0.002
5/3/2012		0.0023 (J)			<0.002
5/4/2012	0.024		<0.002	<0.002	
11/10/2012				<0.002	<0.002
11/11/2012	0.032	<0.002	<0.002		
5/9/2013		<0.002	<0.002	<0.002	<0.002
5/10/2013	0.18 (O)				
11/5/2013			<0.002		
11/6/2013		<0.002		<0.002	<0.002
11/7/2013	0.021				
5/20/2014				<0.002	<0.002
5/21/2014	0.0089 (J)	<0.002	<0.002		
11/12/2014		<0.002	<0.002	<0.002	<0.002
11/13/2014	0.1				
5/23/2015	0.048	<0.002	<0.002		<0.002
5/24/2015				<0.002	
11/11/2015	0.059				
11/12/2015		<0.002	<0.002	<0.002	<0.002
4/13/2016		<0.002	<0.002	<0.002	<0.002
4/19/2016	0.0131 (J)				
10/5/2016			<0.002	<0.002	<0.002
10/6/2016		<0.002			
10/10/2016	0.0046				
4/5/2017					<0.002
4/6/2017		<0.002	<0.002	<0.002	
4/7/2017	<0.002				
10/5/2017		<0.002	<0.002	0.0021 (J)	<0.002
10/9/2017	<0.002				
3/21/2018		0.0038	<0.002	<0.002	<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	<0.002
10/4/2018	<0.002				
3/26/2019					<0.002
3/27/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002		
9/10/2020				0.0007 (J)	<0.002
4/1/2021		<0.002	<0.002	<0.002	<0.002
4/5/2021	<0.002				
8/11/2021				<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.002	<0.002			
8/17/2021			0.0053		
10/18/2021			<0.002		
2/15/2022	<0.002	<0.002	<0.002		
2/16/2022				<0.002	<0.002
8/25/2022	<0.002	0.0017 (J)	<0.002	<0.002	
8/26/2022					<0.002
2/21/2023			<0.002		
2/27/2023	<0.002	0.0013 (J)		<0.002	<0.002
8/8/2023	<0.002	<0.002			
8/9/2023			<0.002	<0.002	<0.002
2/29/2024	<0.002			<0.002	<0.002
3/1/2024		<0.002	<0.002		
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/24/2025	<0.002	<0.002	<0.002	<0.002	<0.002
7/30/2025				<0.002	<0.002
7/31/2025	<0.002	0.00069 (J)			
8/1/2025			0.0007 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.002	<0.002			
5/10/2010			<0.002		
5/11/2010				<0.002	<0.002
6/16/2010			0.0025 (J)	<0.002	
6/17/2010					<0.002
6/18/2010	<0.002	<0.002			
7/26/2010			0.0023 (J)		
7/27/2010				<0.002	0.0021 (J)
7/28/2010		<0.002			
7/29/2010	<0.002				
9/7/2010			<0.002	<0.002	<0.002
9/9/2010	<0.002	<0.002			
4/26/2011	<0.002				
4/29/2011			<0.002	<0.002	<0.002
4/30/2011		<0.002			
10/28/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/2/2012			<0.002	<0.002	
5/3/2012		0.0021 (J)			<0.002
5/4/2012	0.0024 (J)				
11/9/2012			<0.002	<0.002	
11/10/2012		<0.002			<0.002
11/11/2012	<0.002				
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013			<0.002	<0.002	<0.002
11/7/2013	<0.002				
5/20/2014	<0.002	<0.002			
5/22/2014				<0.002	<0.002
5/23/2014			<0.002		
11/8/2014			<0.002	<0.002	
11/9/2014					<0.002
11/12/2014	<0.002	<0.002			
5/22/2015			<0.002	<0.002	<0.002
5/24/2015	<0.002	<0.002			
11/10/2015			<0.002	<0.002	<0.002
11/11/2015		<0.002			
11/12/2015	<0.002				
4/11/2016			<0.002	<0.002	
4/12/2016					<0.002
4/13/2016	<0.002	<0.002			
10/4/2016		<0.002			
10/5/2016			<0.002	<0.002	<0.002
10/7/2016	<0.002				
4/5/2017				<0.002	
4/6/2017	<0.002	<0.002	<0.002		<0.002
10/5/2017		<0.002	<0.002	<0.002	<0.002
10/6/2017	<0.002				
3/20/2018		<0.002	<0.002	<0.002	
3/21/2018					<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.002				<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	0.00084 (J)		
3/18/2020	<0.002	<0.002	<0.002		
3/19/2020				<0.002	<0.002
9/9/2020		<0.002	0.00084 (J)	<0.002	
9/10/2020	<0.002				<0.002
4/1/2021		<0.002	<0.002		
4/5/2021				<0.002	<0.002
4/6/2021	<0.002				
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022			<0.002	<0.002	<0.002
8/26/2022	<0.002	<0.002			
2/27/2023	<0.002	<0.002			
2/28/2023			0.0011 (J)	<0.002	<0.002
8/8/2023				<0.002	<0.002
8/9/2023	<0.002	<0.002	<0.002		
2/29/2024			<0.002	<0.002	
3/1/2024	<0.002	<0.002			<0.002
8/6/2024	<0.002		<0.002	<0.002	<0.002
8/8/2024		<0.002			
2/24/2025	<0.002				
2/25/2025		<0.002	<0.002	<0.002	<0.002
7/28/2025			0.00097 (J)		<0.002
7/30/2025	<0.002			<0.002	
7/31/2025		<0.002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	0.017 (J)	0.048 (J)	0.039 (J)		
4/12/2016				0.087 (J)	0.046 (J)
6/15/2016	<0.02	<0.02	<0.02		
6/16/2016				0.04 (JD)	<0.02 (D)
8/10/2016	<0.02	<0.02	<0.02		
8/11/2016				0.092 (J)	<0.02
10/4/2016	<0.02	<0.02		<0.02	<0.02
10/5/2016			<0.02		
11/29/2016		<0.02	<0.02		
11/30/2016	<0.02			0.091 (J)	<0.02
2/7/2017	<0.02	<0.02	<0.02	<0.02	<0.02
4/4/2017	<0.02	<0.02	<0.02		
4/5/2017				<0.02	
4/6/2017					<0.02
6/20/2017	<0.02	<0.02	<0.02	0.082 (J)	<0.02
10/4/2017	<0.02			<0.02	<0.02
10/5/2017		<0.02	<0.02		
3/20/2018	<0.02	<0.02	<0.02	<0.02	<0.02
10/2/2018	<0.02	<0.02	<0.02	0.089 (J)	<0.02
3/26/2019	<0.02	0.041 (J)	0.042 (J)	0.072 (J)	0.046 (J)
9/10/2019	<0.02	0.047 (J)	0.046 (J)	0.077 (J)	0.048 (J)
3/18/2020	0.036 (J)	0.041 (J)	0.071 (J)	0.098 (J)	0.055 (J)
9/9/2020	<0.02	0.034 (J)	0.036 (J)	0.069 (J)	0.033 (J)
4/1/2021	<0.02	0.035 (J)	0.042 (J)	0.081 (J)	0.043 (J)
8/11/2021	0.036 (J)	0.05 (J)	0.053 (J)		
8/12/2021					0.054 (J)
8/18/2021				0.14	
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.079 (J)	0.083 (J)	0.12	0.072 (J)
5/12/2022				0.048 (J)	
8/24/2022			0.047 (J)	0.075 (J)	
8/25/2022	<0.02	0.047 (J)			
8/26/2022					0.048 (J)
2/27/2023				0.08 (J)	0.055 (J)
2/28/2023	0.077 (J)	0.089 (J)	0.067 (J)		
8/3/2023	<0.02	0.074 (J)	0.068 (J)		
8/9/2023				0.11	0.068 (J)
2/28/2024		<0.02	<0.02		
3/1/2024				<0.02	<0.02
3/4/2024	<0.02				
8/6/2024	<0.02	<0.02	<0.02	0.079 (J)	0.049 (J)
2/25/2025	<0.02	<0.02		<0.02	<0.02
2/26/2025			<0.02		
7/24/2025	0.087 (J)	0.16 (J)	0.11 (J)		
7/25/2025				0.14 (J)	
7/31/2025					0.15 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	0.057 (J)	0.121 (J)		0.061 (J)	
4/13/2016					0.061 (J)
4/19/2016			0.024 (J)		
6/20/2016	0.04 (J)	0.04 (J)		<0.02	0.12 (J)
6/22/2016			<0.02		
8/15/2016					<0.02
8/16/2016	<0.02	0.13 (J)	<0.02	<0.02	
10/5/2016	<0.02				
10/6/2016		0.1 (J)	<0.02	<0.02	<0.02
11/30/2016	<0.02	0.13 (J)		<0.02	
12/1/2016			<0.02		<0.02
2/8/2017	<0.02	0.093 (J)			
2/9/2017			<0.02	<0.02	<0.02
4/6/2017	<0.02	0.1 (J)	<0.02	<0.02	
4/7/2017					<0.02
6/21/2017	<0.02		<0.02	<0.02	
6/22/2017		0.11 (J)			<0.02
10/5/2017	<0.02		<0.02		
10/6/2017		0.096 (J)		<0.02	<0.02
3/21/2018	<0.02	0.094 (J)		<0.02	
3/22/2018			<0.02		<0.02
10/3/2018	<0.02	0.1 (J)	<0.02	<0.02	
10/4/2018					<0.02
3/26/2019	0.046 (J)	0.087 (J)		0.058 (J)	
3/27/2019			0.038 (J)		0.04 (J)
9/10/2019	0.058 (J)	0.097 (J)			
9/11/2019			0.045 (J)	0.058 (J)	0.057 (J)
3/18/2020	0.091 (J)		0.055 (J)	0.082 (J)	
3/19/2020		0.038 (J)			<0.02
9/9/2020			0.033 (J)		
9/10/2020	0.063 (J)	0.1		0.052 (J)	0.053 (J)
4/1/2021			0.029 (J)		0.072 (J)
4/2/2021		0.097 (J)			
4/6/2021	0.045 (J)				
6/2/2021				0.038 (J)	
8/11/2021				0.055 (J)	0.058 (J)
8/12/2021	0.084 (J)	0.11	0.045 (J)		
2/15/2022	0.092 (J)	0.13	0.16	0.095 (J)	0.083 (J)
5/12/2022			0.03 (J)		
8/25/2022	0.059 (J)	0.077 (J)	0.047 (J)	0.058 (J)	0.051 (J)
2/27/2023		0.075 (J)		0.072 (J)	0.054 (J)
2/28/2023	0.08 (J)		0.065 (J)		
8/8/2023		0.1	0.066 (J)	0.1	0.084 (J)
8/9/2023	0.076 (J)				
2/29/2024		<0.02	<0.02	<0.02	<0.02
3/4/2024	<0.02				
8/6/2024			<0.02		0.048 (J)
8/7/2024	0.059 (J)	<0.02		0.065 (J)	
2/24/2025				<0.02	<0.02
2/25/2025	<0.02	<0.02	<0.02		
7/24/2025		0.13 (J)			0.12 (J)
7/25/2025	0.092 (J)		0.1 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
7/31/2025				0.14 (J)	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		0.083 (J)	0.082 (J)	0.061 (J)	0.01 (J)
4/19/2016	0.135 (J)				
6/21/2016			0.02 (J)	0.03 (J)	<0.02
6/22/2016		0.03 (J)			
8/15/2016		<0.02	<0.02	<0.02	<0.02
10/5/2016			<0.02	<0.02	<0.02
10/6/2016		<0.02			
10/10/2016	0.12 (J)				
12/1/2016	0.12 (J)	<0.02	<0.02	<0.02	<0.02
2/8/2017		<0.02	<0.02	<0.02	<0.02
2/9/2017	0.11 (J)				
4/5/2017					<0.02
4/6/2017		<0.02	<0.02	<0.02	
4/7/2017	0.15 (J)				
6/20/2017				<0.02	<0.02
6/21/2017	0.21	<0.02	<0.02		
8/15/2017	0.1 (J)				
9/1/2017	0.084 (J)				
10/5/2017		0.084 (J)	<0.02	<0.02	<0.02
10/9/2017	0.11 (J)				
3/21/2018		<0.02	<0.02	<0.02	<0.02
3/22/2018	0.091 (J)				
10/2/2018		<0.02	<0.02	<0.02	<0.02
10/4/2018	0.14 (J)				
3/26/2019					0.026 (J)
3/27/2019	0.071 (J)	0.066 (J)	0.077 (J)	0.048 (J)	
9/11/2019	0.071 (J)	0.067 (J)	0.067 (J)	0.054 (J)	0.039 (J)
3/18/2020	0.073 (J)	0.096 (J)	0.088 (J)	0.064 (J)	0.046 (J)
9/9/2020	0.038 (J)	0.067 (J)	0.055 (J)		
9/10/2020				0.052 (J)	<0.02
4/1/2021		0.072 (J)	0.086 (J)	0.042 (J)	<0.02
6/1/2021	0.034 (J)				
8/11/2021				0.051 (J)	0.029 (J)
8/12/2021	0.087 (J)	0.085 (J)			
8/17/2021			0.083 (J)		
2/15/2022	0.096 (J)	0.096 (J)	0.099 (J)		
2/16/2022				<0.02	<0.02
8/25/2022	0.059 (J)	0.064 (J)	0.065 (J)	0.059 (J)	
8/26/2022					0.026 (J)
2/21/2023			0.061 (J)		
2/27/2023	0.097 (J)	0.07 (J)		0.064 (J)	0.032 (J)
8/8/2023	0.053 (J)	0.088 (J)			
8/9/2023			0.083 (J)	0.071 (J)	<0.02
2/29/2024	<0.02			<0.02	<0.02
3/1/2024		<0.02	<0.02		
8/6/2024	<0.02	0.07 (J)	0.064 (J)	<0.02	<0.02
2/24/2025	<0.02	<0.02	<0.02	<0.02	<0.02
7/30/2025				0.091 (J)	0.14 (J)
7/31/2025	0.17 (J)	0.17 (J)			
8/1/2025			0.14 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			0.047 (J)	0.048 (J)	
4/12/2016					0.056 (J)
4/13/2016	0.039 (J)	0.027 (J)			
6/16/2016			<0.02 (D)	<0.02 (D)	<0.02 (D)
6/21/2016	<0.02	<0.02			
8/11/2016			<0.02	<0.02	<0.02
8/15/2016	<0.02	<0.02			
10/4/2016		<0.02			
10/5/2016			<0.02	<0.02	<0.02
10/7/2016	<0.02				
11/29/2016			<0.02	<0.02	
11/30/2016					<0.02
12/1/2016	<0.02	<0.02			
2/7/2017		<0.02			
2/8/2017			<0.02	<0.02	<0.02
2/9/2017	<0.02				
4/5/2017				<0.02	
4/6/2017	<0.02	<0.02	<0.02		<0.02
6/20/2017		<0.02			
6/21/2017			<0.02	<0.02	<0.02
6/22/2017	<0.02				
10/5/2017		<0.02	<0.02	<0.02	<0.02
10/6/2017	<0.02				
3/20/2018		<0.02	<0.02	<0.02	
3/21/2018					<0.02
3/22/2018	<0.02				
10/2/2018		<0.02	<0.02	<0.02	
10/3/2018	<0.02				<0.02
3/26/2019	0.04 (J)	0.034 (J)	0.046 (J)	0.04 (J)	0.045 (J)
9/11/2019	0.051 (J)	0.045 (J)	0.055 (J)		
9/12/2019				0.032 (J)	0.044 (J)
3/18/2020	0.055 (J)	0.068 (J)	<0.02		
3/19/2020				<0.02	<0.02
9/9/2020		<0.02	0.045 (J)	0.034 (J)	
9/10/2020	0.034 (J)				0.051 (J)
4/1/2021		<0.02	0.041 (J)		
4/6/2021	0.026 (J)				
6/1/2021				0.026 (J)	0.033 (J)
8/11/2021	0.045 (J)	0.045 (J)	0.062 (J)	0.047 (J)	0.051 (J)
2/16/2022	<0.02	<0.02	0.034 (J)	0.028 (J)	<0.02
8/25/2022			0.047 (J)	0.042 (J)	0.05 (J)
8/26/2022	0.055 (J)	0.068 (J)			
2/27/2023	0.055 (J)	0.047 (J)			
2/28/2023			0.12	0.079 (J)	0.089 (J)
8/8/2023				0.067 (J)	0.053 (J)
8/9/2023	0.06 (J)	<0.02	0.066 (J)		
2/29/2024			<0.02	<0.02	
3/1/2024	<0.02	<0.02			<0.02
8/6/2024	<0.02		<0.02	<0.02	<0.02
8/8/2024		<0.02			
2/24/2025	<0.02				
2/25/2025		<0.02	<0.02	<0.02	<0.02

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
7/28/2025			0.1 (J)		0.12 (J)
7/30/2025	0.14 (J)			<0.02	
7/31/2025		0.11 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	0.0021 (J)			
5/11/2010				<0.001	<0.001
6/16/2010		0.0028 (J)	0.0021 (J)		
6/17/2010				0.0026 (J)	
6/18/2010	<0.001				
6/19/2010					0.003 (J)
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				0.0036 (J)	0.0037 (J)
4/29/2011		0.0032 (J)	0.0024 (J)		
4/30/2011	<0.001				
10/28/2011	<0.001	0.0025 (J)	0.002 (J)		0.003 (J)
10/29/2011				0.0038 (J)	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	0.0024 (J)	<0.001	0.0024 (J)	0.003 (J)
5/8/2013	<0.001	0.0051	0.0034 (J)		
5/9/2013				0.0085	0.0063
11/5/2013	<0.001			0.0042 (J)	0.0043 (J)
11/6/2013		0.0033 (J)	0.0028 (J)		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	0.0021 (J)
5/22/2015	<0.001	0.0036 (J)	0.0032 (J)		
5/23/2015				0.0044 (J)	
5/24/2015					0.0043 (J)
11/9/2015		0.0039 (J)	<0.001		
11/11/2015	<0.001			0.0042 (J)	0.0032 (J)
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		<0.001	<0.001
10/5/2016			<0.001		
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001			0.00067 (J)	<0.001
10/5/2017		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	0.00016 (J)	0.00022 (J)	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00023 (J)	0.00014 (J)
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				0.00028 (J)	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		
7/24/2025	<0.001	<0.001	<0.001		
7/25/2025				<0.001	
7/31/2025					<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	0.011 (O)	<0.001	<0.001	<0.001	
6/17/2010	0.0027 (J)	<0.001			
6/18/2010			0.0024 (J)	<0.001	0.0027 (J)
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		0.002 (J)			
9/9/2010			<0.001	<0.001	0.002 (J)
4/28/2011		0.0042 (J)			
4/29/2011	0.0038 (J)		0.0028 (J)		
4/30/2011				0.0034 (J)	0.0037 (J)
10/28/2011	<0.001		<0.001		
10/29/2011		0.0036 (J)		0.0041 (J)	0.0025 (J)
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	0.0029 (J)				
11/10/2012		0.0023 (J)	<0.001	0.0023 (J)	0.003 (J)
5/9/2013			0.0061	0.0067	0.0064
5/10/2013	0.0061	0.0062			
11/6/2013	0.0025 (J)	0.0043 (J)	0.0034 (J)		
11/7/2013				0.0048 (J)	0.0037 (J)
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	0.0034 (J)	0.0046 (J)			
5/24/2015			0.0093 (JO)	0.0045 (J)	0.0053 (J)
11/10/2015	0.0021 (J)				
11/11/2015		0.0028 (J)	0.0071 (J)	0.0048 (J)	0.0022 (J)
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
6/20/2016	<0.001	<0.001		<0.001	<0.001
6/22/2016			<0.001		
8/12/2016	<0.001	<0.001		<0.001	
8/15/2016					<0.001
8/16/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	<0.001	<0.001
11/30/2016	<0.001	<0.001		<0.001	
12/1/2016			<0.001		<0.001
2/8/2017	<0.001	<0.001			
2/9/2017			<0.001	<0.001	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017		<0.001			<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.00037 (J)	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		0.00019 (J)			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	0.00017 (J)
4/1/2021			<0.001		<0.001
4/2/2021		<0.001			
4/5/2021				<0.001	
4/6/2021	<0.001				
8/11/2021				<0.001	0.00014 (J)
8/12/2021	0.00014 (J)	<0.001	<0.001		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		
7/24/2025		<0.001			<0.001
7/25/2025	<0.001		<0.001		
7/31/2025				<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		0.003 (J)	0.002 (J)	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	0.0023 (J)	<0.001	<0.001	<0.001	<0.001
4/29/2011		0.0039 (J)	0.003 (J)	0.0032 (J)	<0.001
4/30/2011	0.011 (O)				
10/27/2011	0.0055	0.0043 (J)	0.0027 (J)	0.0027 (J)	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	0.0029 (J)		<0.001	<0.001	
11/10/2012				0.0025 (J)	<0.001
11/11/2012	0.0052	0.0025 (J)	0.0022 (J)		
5/9/2013		0.0067	0.007	0.0051	<0.001
5/10/2013	0.023 (O)				
11/5/2013			0.0048 (J)		
11/6/2013		0.0069		0.0037 (J)	<0.001
11/7/2013	0.0083				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		0.002 (J)	0.002 (J)	<0.001	<0.001
11/13/2014	0.0085				
5/23/2015	0.0077 (J)	0.003 (J)	0.0035 (J)		<0.001
5/24/2015				0.0037 (J)	
11/11/2015	0.008 (J)				
11/12/2015		0.0044 (J)	0.0032 (J)	0.0038 (J)	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
6/21/2016			<0.001	<0.001	<0.001
6/22/2016		<0.001			
8/15/2016		<0.001	<0.001	<0.001	<0.001
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
12/1/2016	0.00047 (J)	<0.001	<0.001	<0.001	<0.001
2/8/2017		<0.001	<0.001	<0.001	<0.001
2/9/2017	0.0012 (J)				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
6/20/2017				<0.001	<0.001
6/21/2017	<0.001	<0.001	<0.001		
8/15/2017	<0.001				
9/1/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	0.0017	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				0.00014 (J)	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	0.00034 (J)				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001			
8/17/2021			0.00044 (J)		
10/18/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	0.00021 (J)			0.0012	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001
7/30/2025				<0.001	<0.001
7/31/2025	<0.001	<0.001			
8/1/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	0.0026 (J)
6/16/2010			0.0023 (J)	0.0022 (J)	
6/17/2010					0.0021 (J)
6/18/2010	0.0021 (J)	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			0.0033 (J)	0.0029 (J)	0.0032 (J)
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	0.0023 (J)	0.0021 (J)	0.0025 (J)
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	0.002 (J)	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	0.0036 (J)	0.0024 (J)	0.0052		
5/9/2013				0.0056	0.0056
11/5/2013		0.0028 (J)			
11/6/2013			0.003 (J)	0.0035 (J)	0.0032 (J)
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			0.0023 (J)	0.0047 (J)	0.0044 (J)
5/24/2015	<0.001	<0.001			
11/10/2015			0.0025 (J)	0.0044 (J)	0.0038 (J)
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
6/21/2016	<0.001	<0.001			
8/11/2016			<0.001	<0.001	<0.001
8/15/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
11/29/2016			<0.001	<0.001	
11/30/2016					<0.001
12/1/2016	<0.001	<0.001			
2/7/2017		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017				0.0009 (J)	
4/6/2017	<0.001	<0.001	<0.001		<0.001
6/20/2017		<0.001			
6/21/2017			<0.001	<0.001	<0.001
6/22/2017	<0.001				
10/5/2017		<0.001	<0.001	0.0015	<0.001
10/6/2017	0.00061 (J)				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				0.00014 (J)	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001
7/28/2025			<0.001		<0.001
7/30/2025	<0.001			<0.001	
7/31/2025		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0002		
5/9/2010	<0.0002	<0.0002			
5/11/2010				<0.0002	<0.0002
6/16/2010		<0.0002	<0.0002		
6/17/2010				<0.0002	
6/18/2010	<0.0002				
6/19/2010					<0.0002
7/26/2010			<0.0002		
7/27/2010		<0.0002		<0.0002	<0.0002
7/28/2010	<0.0002				
9/7/2010		7.4E-05 (J)	7.8E-05 (J)		
9/9/2010	<0.0002			<0.0002	9.3E-05 (J)
4/28/2011				<0.0002	<0.0002
4/29/2011		<0.0002	<0.0002		
4/30/2011	<0.0002				
10/28/2011	<0.0002	<0.0002	<0.0002		<0.0002
10/29/2011				<0.0002	
5/2/2012	<0.0002	<0.0002	<0.0002		
5/3/2012				<0.0002	<0.0002
11/9/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/8/2013	7E-05 (J)	8E-05 (J)	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013	<0.0002			7.3E-05 (J)	0.00011 (J)
11/6/2013		0.00014 (J)	0.00011 (J)		
5/20/2014	<0.0002	<0.0002	<0.0002		
5/22/2014					<0.0002
5/23/2014				<0.0002	
11/8/2014		<0.0002	<0.0002		
11/12/2014	<0.0002				
11/13/2014				<0.0002	<0.0002
5/22/2015	7.2E-05 (J)	<0.0002	7.1E-05 (J)		
5/23/2015				<0.0002	
5/24/2015					<0.0002
11/9/2015		<0.0002	<0.0002		
11/11/2015	<0.0002			<0.0002	<0.0002
4/6/2016	<0.0002	<0.0002	<0.0002		
4/12/2016				<0.0002	<0.0002
6/15/2016	<0.0002	<0.0002	<0.0002		
6/16/2016				<0.0002	<0.0002
8/10/2016	9.3E-05 (J)	<0.0002	0.00011 (J)		
8/11/2016				0.0001 (J)	0.00012 (J)
10/4/2016	<0.0002	<0.0002		<0.0002	<0.0002
10/5/2016			<0.0002		
11/29/2016		<0.0002	<0.0002		
11/30/2016	<0.0002			<0.0002	<0.0002
2/7/2017	<0.0002	<0.0002	<0.0002	7E-05 (J)	<0.0002
4/4/2017	<0.0002	<0.0002	<0.0002		
4/5/2017				<0.0002	
4/6/2017					<0.0002
6/20/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
10/4/2017	<0.0002			<0.0002	<0.0002
10/5/2017		<0.0002	<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.0002	<0.0002	0.00014 (J)	0.00011 (J)	0.00012 (J)
10/2/2018	0.000138 (JD)	0.00012 (J)	0.000139 (JD)	0.000136 (JD)	<0.0002
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002		
8/12/2021					<0.0002
8/18/2021				<0.0002	
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/24/2022			<0.0002	<0.0002	
8/25/2022	<0.0002	<0.0002			
8/26/2022					<0.0002
2/27/2023				<0.0002	<0.0002
2/28/2023	<0.0002	<0.0002	<0.0002		
8/3/2023	<0.0002	<0.0002	<0.0002		
8/9/2023				<0.0002	<0.0002
2/28/2024		<0.0002	<0.0002		
3/1/2024				<0.0002	<0.0002
3/4/2024	<0.0002				
8/6/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/25/2025	<0.0002	<0.0002		<0.0002	<0.0002
2/26/2025			<0.0002		
7/24/2025	<0.0002	<0.0002	<0.0002		
7/25/2025				<0.0002	
7/31/2025					<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0002
5/11/2010	<0.0002	<0.0002	<0.0002	<0.0002	
6/17/2010	<0.0002	<0.0002			
6/18/2010			<0.0002	<0.0002	<0.0002
7/27/2010			<0.0002	<0.0002	
7/28/2010	<0.0002	<0.0002			<0.0002
9/7/2010	0.00012 (J)				
9/8/2010		<0.0002			
9/9/2010			<0.0002	0.00017 (J)	<0.0002
4/28/2011		<0.0002			
4/29/2011	<0.0002		<0.0002		
4/30/2011				<0.0002	<0.0002
10/28/2011	<0.0002		<0.0002		
10/29/2011		<0.0002		<0.0002	7E-05 (J)
5/3/2012	<0.0002	<0.0002			
5/4/2012			<0.0002	<0.0002	<0.0002
11/9/2012	<0.0002				
11/10/2012		<0.0002	<0.0002	<0.0002	<0.0002
5/9/2013			0.00016 (J)	0.00014 (J)	<0.0002
5/10/2013	0.00014 (J)	0.00012			
11/6/2013	0.00014 (J)	<0.0002	<0.0002		
11/7/2013				0.00011 (J)	0.00016 (J)
5/21/2014				<0.0002	<0.0002
5/22/2014	<0.0002	<0.0002	<0.0002		
11/9/2014	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2014					<0.0002
5/22/2015	<0.0002	<0.0002			
5/24/2015			<0.0002	<0.0002	<0.0002
11/10/2015	<0.0002				
11/11/2015		<0.0002	<0.0002	<0.0002	<0.0002
4/12/2016	<0.0002	<0.0002		<0.0002	
4/13/2016					<0.0002
4/19/2016			<0.0002		
6/20/2016	<0.0002	<0.0002		<0.0002	<0.0002
6/22/2016			<0.0002		
8/12/2016	<0.0002	<0.0002		<0.0002	
8/15/2016					<0.0002
8/16/2016			<0.0002		
10/5/2016	<0.0002				
10/6/2016		<0.0002	<0.0002	<0.0002	<0.0002
11/30/2016	<0.0002	<0.0002		<0.0002	
12/1/2016			<0.0002		<0.0002
2/8/2017	<0.0002	<0.0002			
2/9/2017			<0.0002	<0.0002	<0.0002
4/6/2017	<0.0002	<0.0002	<0.0002	<0.0002	
4/7/2017					<0.0002
6/21/2017	<0.0002		<0.0002	<0.0002	
6/22/2017		<0.0002			<0.0002
10/5/2017	<0.0002		<0.0002		
10/6/2017		<0.0002		<0.0002	<0.0002
3/21/2018	<0.0002	0.00012 (J)		0.00011 (J)	
3/22/2018			9.5E-05 (J)		9.9E-05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.000139 (JD)	0.00014 (JD)	0.0001405 (JD)	0.0001385 (JD)	
10/4/2018					0.0001445 (JD)
3/26/2019	<0.0002	<0.0002		<0.0002	
3/27/2019			<0.0002		<0.0002
9/10/2019	<0.0002	<0.0002			
9/11/2019			<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002		<0.0002	<0.0002	
3/19/2020		<0.0002			0.00011 (J)
9/9/2020			<0.0002		
9/10/2020	<0.0002	<0.0002		<0.0002	<0.0002
4/1/2021			<0.0002		<0.0002
4/2/2021		<0.0002			
4/6/2021	<0.0002				
6/2/2021				<0.0002	
8/11/2021				<0.0002	<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002		
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2023		<0.0002		<0.0002	<0.0002
2/28/2023	<0.0002		<0.0002		
8/8/2023		<0.0002	<0.0002	<0.0002	<0.0002
8/9/2023	<0.0002				
2/29/2024		<0.0002	<0.0002	<0.0002	<0.0002
3/4/2024	<0.0002				
8/6/2024			<0.0002		<0.0002
8/7/2024	<0.0002	<0.0002		<0.0002	
2/24/2025				<0.0002	<0.0002
2/25/2025	<0.0002	<0.0002	<0.0002		
7/24/2025		<0.0002			<0.0002
7/25/2025	<0.0002		<0.0002		
7/31/2025				<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0002
5/10/2010	<0.0002	<0.0002	<0.0002	<0.0002	
6/16/2010		<0.0002	<0.0002	<0.0002	
6/18/2010					<0.0002
6/19/2010	<0.0002				
7/27/2010		<0.0002		<0.0002	<0.0002
7/28/2010	<0.0002		<0.0002		
9/8/2010	0.00011 (J)	<0.0002	8.8E-05 (J)	<0.0002	<0.0002
4/29/2011		<0.0002	<0.0002	<0.0002	<0.0002
4/30/2011	<0.0002				
10/27/2011	<0.0002	<0.0002	<0.0002	<0.0002	
10/28/2011					<0.0002
5/3/2012		<0.0002			<0.0002
5/4/2012	<0.0002		<0.0002	<0.0002	
11/10/2012				<0.0002	<0.0002
11/11/2012	<0.0002	<0.0002	<0.0002		
5/9/2013		<0.0002	<0.0002	0.00019 (J)	<0.0002
5/10/2013	0.00014 (J)				
11/5/2013			0.00011 (J)		
11/6/2013		8.8E-05 (J)		0.00014 (J)	<0.0002
11/7/2013	0.00019 (J)				
5/20/2014				<0.0002	<0.0002
5/21/2014	<0.0002	<0.0002	<0.0002		
11/12/2014		<0.0002	<0.0002	<0.0002	<0.0002
11/13/2014	<0.0002				
5/23/2015	<0.0002	<0.0002	<0.0002		<0.0002
5/24/2015				<0.0002	
11/11/2015	<0.0002				
11/12/2015		<0.0002	<0.0002	<0.0002	<0.0002
4/13/2016		<0.0002	<0.0002	<0.0002	<0.0002
4/19/2016	<0.0002				
6/21/2016			<0.0002	<0.0002	<0.0002
6/22/2016		<0.0002			
8/15/2016		<0.0002	<0.0002	<0.0002	<0.0002
10/5/2016			<0.0002	<0.0002	<0.0002
10/6/2016		<0.0002			
10/10/2016	0.00011 (J)				
12/1/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/8/2017		<0.0002	7.6E-05 (J)	<0.0002	<0.0002
2/9/2017	<0.0002				
4/5/2017					<0.0002
4/6/2017		<0.0002	<0.0002	<0.0002	
4/7/2017	<0.0002				
6/20/2017				<0.0002	<0.0002
6/21/2017	<0.0002	<0.0002	<0.0002		
8/15/2017	<0.0002				
9/1/2017	<0.0002				
10/5/2017		<0.0002	<0.0002	<0.0002	<0.0002
10/9/2017	8.9E-05 (J)				
3/21/2018		<0.0002	<0.0002	<0.0002	<0.0002
3/22/2018	9.7E-05 (J)				
10/2/2018		0.0001405 (JD)	0.000141 (JD)	0.000142 (JD)	0.000138 (JD)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.0002				
3/26/2019					<0.0002
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002		
9/10/2020				<0.0002	<0.0002
4/1/2021		<0.0002	<0.0002	<0.0002	<0.0002
6/1/2021	<0.0002				
8/11/2021				<0.0002	<0.0002
8/12/2021	<0.0002	<0.0002			
8/17/2021			<0.0002		
2/15/2022	<0.0002	<0.0002	<0.0002		
2/16/2022				<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	
8/26/2022					<0.0002
2/21/2023			<0.0002		
2/27/2023	<0.0002	<0.0002		<0.0002	<0.0002
8/8/2023	<0.0002	<0.0002			
8/9/2023			<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002			<0.0002	<0.0002
3/1/2024		<0.0002	<0.0002		
8/6/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/24/2025	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/30/2025				0.00017 (J)	0.00018 (J)
7/31/2025	<0.0002	<0.0002			
8/1/2025			<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	8.2E-05 (J)	9.1E-05 (J)			
5/10/2010			<0.0002		
5/11/2010				<0.0002	8.5E-05 (J)
6/16/2010			<0.0002	<0.0002	
6/17/2010					<0.0002
6/18/2010	<0.0002	<0.0002			
7/26/2010			<0.0002		
7/27/2010				<0.0002	<0.0002
7/28/2010		<0.0002			
7/29/2010	<0.0002				
9/7/2010			<0.0002	0.00011 (J)	0.0001 (J)
9/9/2010	<0.0002	<0.0002			
4/26/2011	<0.0002				
4/29/2011			<0.0002	<0.0002	<0.0002
4/30/2011		<0.0002			
10/28/2011	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/2/2012			<0.0002	<0.0002	
5/3/2012		<0.0002			<0.0002
5/4/2012	<0.0002				
11/9/2012			<0.0002	<0.0002	
11/10/2012		<0.0002			<0.0002
11/11/2012	<0.0002				
5/8/2013	<0.0002	<0.0002	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013		0.00016 (J)			
11/6/2013			<0.0002	<0.0002	<0.0002
11/7/2013	0.0001 (J)				
5/20/2014	<0.0002	<0.0002			
5/22/2014				<0.0002	<0.0002
5/23/2014			<0.0002		
11/8/2014			<0.0002	<0.0002	
11/9/2014					<0.0002
11/12/2014	<0.0002	<0.0002			
5/22/2015			<0.0002	<0.0002	<0.0002
5/24/2015	<0.0002	<0.0002			
11/10/2015			<0.0002	<0.0002	<0.0002
11/11/2015		<0.0002			
11/12/2015	<0.0002				
4/11/2016			<0.0002	<0.0002	
4/12/2016					<0.0002
4/13/2016	<0.0002	<0.0002			
6/16/2016			<0.0002	<0.0002	<0.0002
6/21/2016	<0.0002	<0.0002			
8/11/2016			9.8E-05 (J)	9.5E-05 (J)	0.00012 (J)
8/15/2016	<0.0002	<0.0002			
10/4/2016		<0.0002			
10/5/2016			<0.0002	<0.0002	<0.0002
10/7/2016	0.00011 (J)				
11/29/2016			<0.0002	<0.0002	
11/30/2016					<0.0002
12/1/2016	<0.0002	<0.0002			
2/7/2017		<0.0002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			8.9E-05 (J)	7.6E-05 (J)	7.5E-05 (J)
2/9/2017	<0.0002				
4/5/2017				<0.0002	
4/6/2017	<0.0002	<0.0002	<0.0002		<0.0002
6/20/2017		<0.0002			
6/21/2017			<0.0002	<0.0002	<0.0002
6/22/2017	<0.0002				
10/5/2017		<0.0002	<0.0002	<0.0002	<0.0002
10/6/2017	<0.0002				
3/20/2018		<0.0002	<0.0002	0.0002	
3/21/2018					<0.0002
3/22/2018	0.00012 (J)				
10/2/2018		0.000143 (JD)	0.0001385 (JD)	0.0001405 (JD)	
10/3/2018	0.0001425 (JD)				0.0001415 (JD)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/11/2019	<0.0002	<0.0002	<0.0002		
9/12/2019				<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002		
3/19/2020				<0.0002	<0.0002
9/9/2020		<0.0002	<0.0002	<0.0002	
9/10/2020	<0.0002				<0.0002
4/1/2021		<0.0002	<0.0002		
4/6/2021	<0.0002				
6/1/2021				<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/16/2022	<0.0002	<0.0002	<0.0002	<0.0002	0.00015 (J)
8/25/2022			<0.0002	<0.0002	<0.0002
8/26/2022	<0.0002	<0.0002			
2/27/2023	<0.0002	<0.0002			
2/28/2023			<0.0002	<0.0002	<0.0002
8/8/2023				<0.0002	<0.0002
8/9/2023	<0.0002	<0.0002	<0.0002		
2/29/2024			<0.0002	<0.0002	
3/1/2024	<0.0002	<0.0002			<0.0002
8/6/2024	<0.0002		<0.0002	<0.0002	<0.0002
8/8/2024		<0.0002			
2/24/2025	<0.0002				
2/25/2025		<0.0002	<0.0002	<0.0002	<0.0002
7/28/2025			<0.0002		0.00059
7/30/2025	0.00017 (J)			<0.0002	
7/31/2025		<0.0002			
10/21/2025					<0.0002 (R)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.005			
5/11/2010				<0.005	0.0033 (JO)
6/16/2010		<0.005	<0.001		
6/17/2010				<0.005	
6/18/2010	<0.001				
6/19/2010					<0.0025
7/26/2010			<0.001		
7/27/2010		<0.005		<0.005	<0.0025
7/28/2010	<0.001				
9/7/2010		<0.005	<0.001		
9/9/2010	<0.001			<0.005	<0.0025
4/28/2011				0.0086 (O)	<0.0025
4/29/2011		<0.005	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.005	<0.001		<0.0025
10/29/2011				<0.005	
5/2/2012	<0.001	<0.005	<0.001		
5/3/2012				<0.005	<0.0025
11/9/2012	<0.001	<0.005	<0.001	<0.005	<0.0025
5/8/2013	<0.001	<0.005	<0.001		
5/9/2013				<0.005	<0.0025
11/5/2013	<0.001			<0.005	<0.0025
11/6/2013		<0.005	<0.001		
5/20/2014	<0.001	<0.005	<0.001		
5/22/2014					<0.0025
5/23/2014				<0.005	
11/8/2014		<0.005	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.005	<0.0025
5/22/2015	<0.001	<0.005	<0.001		
5/23/2015				<0.005	
5/24/2015					<0.0025
11/9/2015		<0.005	<0.001		
11/11/2015	<0.001			<0.005	<0.0025
4/6/2016	0.00202 (J)	<0.005	<0.001		
4/12/2016				<0.005	0.00206 (J)
10/4/2016	<0.001	<0.005		<0.005	0.0023 (J)
10/5/2016			<0.001		
4/4/2017	<0.001	<0.005	<0.001		
4/5/2017				<0.005	
4/6/2017					<0.0025
10/4/2017	<0.001			<0.005	0.0021 (J)
10/5/2017		<0.005	<0.001		
3/20/2018	<0.001	0.04 (O)	<0.001	<0.005	<0.0025
10/2/2018	<0.001	<0.005	<0.001	<0.005	<0.0025
3/26/2019	<0.001	<0.005	<0.001	<0.005	<0.0025
9/10/2019	0.00081 (J)	0.00037 (J)	0.0012	0.00065 (J)	0.0022
3/18/2020	0.00043 (J)	<0.005	<0.001	0.00056 (J)	0.0016
9/9/2020	0.00069 (J)	<0.005	0.00048 (J)	0.00047 (J)	0.0016
4/1/2021	0.00049 (J)	<0.005	0.0004 (J)	0.00073 (J)	0.0022
8/11/2021	0.00051 (J)	<0.005	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					0.0028
8/18/2021				0.0017	
2/15/2022	0.00065 (J)	<0.005	<0.001	0.00052 (J)	0.0018
8/24/2022			0.00082 (J)	0.00086 (J)	
8/25/2022	0.001	<0.005			
8/26/2022					0.002
2/27/2023				0.0013	0.0038
2/28/2023	0.00057 (J)	<0.005	<0.001		
8/3/2023	0.00099 (J)	<0.005	<0.001		
8/9/2023				0.0071	0.0017
10/4/2023				0.00085 (J)	
2/28/2024		<0.005	<0.001		
3/1/2024				0.00096 (J)	0.0018
3/4/2024	<0.001				
8/6/2024	0.00085 (J)	<0.005	<0.001	0.00059 (J)	0.0029
11/7/2024					0.002
2/25/2025	0.00072 (J)	<0.005		0.00054 (J)	0.0016
2/26/2025			<0.001		
7/24/2025	0.00076 (J)	<0.005	0.00059 (J)		
7/25/2025				<0.005	
7/31/2025					0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.005
5/11/2010	<0.0025	<0.0025	<0.001	0.0034 (J)	
6/17/2010	<0.0025	<0.0025			
6/18/2010			<0.001	0.0046 (J)	<0.005
7/27/2010			<0.001	<0.0025	
7/28/2010	0.019 (O)	<0.0025			<0.005
9/7/2010	0.0093 (O)				
9/8/2010		<0.0025			
9/9/2010			<0.001	<0.0025	<0.005
4/28/2011		<0.0025			
4/29/2011	<0.0025		<0.001		
4/30/2011				<0.0025	<0.005
10/28/2011	<0.0025		<0.001		
10/29/2011		<0.0025		<0.0025	<0.005
5/3/2012	<0.0025	<0.0025			
5/4/2012			<0.001	<0.0025	<0.005
11/9/2012	0.0035 (J)				
11/10/2012		<0.0025	<0.001	0.0053	<0.005
5/9/2013			<0.001	<0.0025	<0.005
5/10/2013	0.0081 (O)	<0.0025			
11/6/2013	<0.0025	<0.0025	<0.001		
11/7/2013				<0.0025	<0.005
5/21/2014				<0.0025	<0.005
5/22/2014	<0.0025	<0.0025	<0.001		
11/9/2014	<0.0025	<0.0025	<0.001	<0.0025	
11/12/2014					<0.005
5/22/2015	<0.0025	<0.0025			
5/24/2015			0.006 (O)	0.0047 (J)	0.0044 (J)
11/10/2015	<0.0025				
11/11/2015		<0.0025	<0.001	<0.0025	<0.005
4/12/2016	<0.0025	<0.0025		<0.0025	
4/13/2016					<0.005
4/19/2016			0.00268 (J)		
10/5/2016	<0.0025				
10/6/2016		0.0021 (J)	<0.001	<0.0025	<0.005
4/6/2017	<0.0025	<0.0025	0.0018 (J)	<0.0025	
4/7/2017					<0.005
10/5/2017	<0.0025		<0.001		
10/6/2017		<0.0025		<0.0025	<0.005
3/21/2018	0.0022 (J)	<0.0025		<0.0025	
3/22/2018			0.0019 (J)		<0.005
10/3/2018	0.0018 (J)	<0.0025	<0.001	<0.0025	
10/4/2018					<0.005
3/26/2019	<0.0025	0.0036		<0.0025	
3/27/2019			<0.001		<0.005
9/10/2019	0.0016	0.00079 (J)			
9/11/2019			0.0007 (J)	0.00099 (J)	0.00046 (J)
3/18/2020	0.00091 (J)		0.00068 (J)	0.00062 (J)	
3/19/2020		0.00073 (J)			<0.005
9/9/2020			0.00039 (J)		
9/10/2020	0.0014	0.0013		0.0009 (J)	0.0007 (J)
4/1/2021			0.00042 (J)		0.00036 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		0.0012			
4/5/2021				0.00088 (J)	
4/6/2021	0.0018				
8/11/2021				0.00074 (J)	<0.005
8/12/2021	0.0029	0.00076 (J)	0.00061 (J)		
2/15/2022	0.0013	0.00076 (J)	0.001	0.00089 (J)	<0.005
8/25/2022	0.0024	0.0015	0.00071 (J)	0.0013	0.0015
2/27/2023		0.0012		0.0008 (J)	0.01 (o)
2/28/2023	0.0011		<0.001		
5/2/2023					<0.005
8/8/2023		0.001	<0.001	0.00075 (J)	<0.005
8/9/2023	0.00078 (J)				
2/29/2024		0.0015	0.00049 (J)	0.00098 (J)	<0.005
3/4/2024	0.0014				
8/6/2024			0.00046 (J)		<0.005
8/7/2024	0.0016	0.0013		0.00083 (J)	
2/24/2025				0.00064 (J)	<0.005
2/25/2025	0.0016	0.0019	<0.001		
7/24/2025		0.0022 (J)			<0.005
7/25/2025	0.0015 (J)		0.00048 (J)		
7/31/2025				0.00053 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.0025	<0.001	<0.0025	<0.0025	
6/16/2010		<0.001	<0.0025	<0.0025	
6/18/2010					<0.001
6/19/2010	<0.0025				
7/27/2010		<0.001		<0.0025	<0.001
7/28/2010	<0.0025		<0.0025		
9/8/2010	<0.0025	<0.001	<0.0025	<0.0025	<0.001
4/29/2011		<0.001	<0.0025	<0.0025	<0.001
4/30/2011	0.008				
10/27/2011	0.0044 (J)	<0.001	<0.0025	<0.0025	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	0.0032 (J)		<0.0025	<0.0025	
11/10/2012				<0.0025	<0.001
11/11/2012	0.0069	<0.001	<0.0025		
5/9/2013		<0.001	<0.0025	<0.0025	<0.001
5/10/2013	0.0093				
11/5/2013			<0.0025		
11/6/2013		<0.001		<0.0025	<0.001
11/7/2013	0.0033 (J)				
5/20/2014				<0.0025	<0.001
5/21/2014	<0.0025	<0.001	<0.0025		
11/12/2014		<0.001	<0.0025	<0.0025	<0.001
11/13/2014	0.0049 (J)				
5/23/2015	0.003 (J)	<0.001	<0.0025		<0.001
5/24/2015				<0.0025	
11/11/2015	<0.0025				
11/12/2015		<0.001	<0.0025	<0.0025	<0.001
4/13/2016		<0.001	0.00271 (J)	<0.0025	<0.001
4/19/2016	0.00247 (J)				
10/5/2016			<0.0025	<0.0025	<0.001
10/6/2016		<0.001			
10/10/2016	<0.0025				
4/5/2017					<0.001
4/6/2017		<0.001	<0.0025	<0.0025	
4/7/2017	0.0022 (J)				
10/5/2017		<0.001	<0.0025	<0.0025	<0.001
10/9/2017	<0.0025				
3/21/2018		<0.001	<0.0025	<0.0025	<0.001
3/22/2018	<0.0025				
10/2/2018		<0.001	0.0018 (J)	<0.0025	<0.001
10/4/2018	<0.0025				
3/26/2019					<0.001
3/27/2019	<0.0025	<0.001	<0.0025	<0.0025	
9/11/2019	0.0013	0.00063 (J)	0.0016	0.00066 (J)	0.00084 (J)
3/18/2020	0.0044	<0.001	0.0016	0.0005 (J)	0.0006 (J)
9/9/2020	0.0036	0.00046 (J)	0.0021		
9/10/2020				0.0012	0.00088 (J)
4/1/2021		0.00058 (J)	0.0012	0.00065 (J)	0.00065 (J)
4/5/2021	0.0058				
8/11/2021				0.0006 (J)	0.0008 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	0.0035	0.00045 (J)			
8/17/2021			0.0094 (o)		
10/18/2021			0.002		
2/15/2022	0.0055	<0.001	0.0022		
2/16/2022				0.0007 (J)	0.00076 (J)
8/25/2022	0.0053	0.0042 (o)	0.003	0.00081 (J)	
8/26/2022					0.00096 (J)
12/28/2022		0.00068 (J)	0.0017		
2/21/2023			0.0031		
2/27/2023	0.007	0.00091 (J)		0.00085 (J)	0.0011
5/2/2023	0.0062				
8/8/2023	0.0087	0.00066 (J)			
8/9/2023			0.0026	0.00068 (J)	0.00094 (J)
10/4/2023	0.0052				
2/29/2024	0.0055			0.00099 (J)	0.00092 (J)
3/1/2024		0.00086 (J)	0.0048		
5/20/2024			0.0016		
8/6/2024	0.0046	0.00042 (J)	0.0025	0.00086 (J)	0.0009 (J)
2/24/2025	0.0046	<0.001	0.0011	0.00053 (J)	<0.001
7/30/2025				0.00085 (J)	0.00096 (J)
7/31/2025	0.0043 (J)	0.00072 (J)			
8/1/2025			0.0032 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.005	<0.005			
5/10/2010			<0.005		
5/11/2010				<0.001	<0.001
6/16/2010			<0.005	<0.001	
6/17/2010					<0.001
6/18/2010	<0.005	<0.005			
7/26/2010			<0.005		
7/27/2010				<0.001	<0.001
7/28/2010		<0.005			
7/29/2010	<0.005				
9/7/2010			<0.005	<0.001	<0.001
9/9/2010	<0.005	<0.005			
4/26/2011	<0.005				
4/29/2011			<0.005	<0.001	<0.001
4/30/2011		<0.005			
10/28/2011	<0.005	<0.005	<0.005	<0.001	0.003 (J)
5/2/2012			<0.005	<0.001	
5/3/2012		<0.005			<0.001
5/4/2012	<0.005				
11/9/2012			<0.005	<0.001	
11/10/2012		<0.005			<0.001
11/11/2012	<0.005				
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.001	<0.001
11/5/2013		<0.005			
11/6/2013			<0.005	<0.001	<0.001
11/7/2013	<0.005				
5/20/2014	<0.005	<0.005			
5/22/2014				<0.001	<0.001
5/23/2014			<0.005		
11/8/2014			<0.005	<0.001	
11/9/2014					<0.001
11/12/2014	<0.005	<0.005			
5/22/2015			0.0045 (JO)	0.01 (O)	0.0063 (O)
5/24/2015	<0.005	<0.005			
11/10/2015			<0.005	<0.001	<0.001
11/11/2015		<0.005			
11/12/2015	<0.005				
4/11/2016			<0.005	<0.001	
4/12/2016					<0.001
4/13/2016	<0.005	<0.005			
10/4/2016		<0.005			
10/5/2016			<0.005	<0.001	<0.001
10/7/2016	<0.005				
4/5/2017				<0.001	
4/6/2017	<0.005	<0.005	<0.005		0.002 (J)
10/5/2017		<0.005	<0.005	<0.001	<0.001
10/6/2017	<0.005				
3/20/2018		<0.005	<0.005	<0.001	
3/21/2018					<0.001
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.005				<0.001
3/26/2019	<0.005	<0.005	<0.005	<0.001	<0.001
9/11/2019	0.00039 (J)	<0.005	0.00048 (J)		
9/12/2019				0.0015	0.00097 (J)
3/18/2020	0.00061 (J)	<0.005	0.00034 (J)		
3/19/2020				0.00047 (J)	0.00098 (J)
9/9/2020		<0.005	0.00064 (J)	0.00039 (J)	
9/10/2020	0.00044 (J)				0.00098 (J)
4/1/2021		<0.005	<0.005		
4/5/2021				0.00047 (J)	0.00048 (J)
4/6/2021	0.00053 (J)				
8/11/2021	<0.005	<0.005	<0.005	<0.001	0.00056 (J)
2/16/2022	<0.005	<0.005	<0.005	<0.001	0.00055 (J)
8/25/2022			<0.005	0.0017	0.00074 (J)
8/26/2022	<0.005	<0.005			
2/27/2023	<0.005	<0.005			
2/28/2023			<0.005	0.0016	<0.001
8/8/2023				0.00051 (J)	0.00067 (J)
8/9/2023	0.00043 (J)	<0.005	<0.005		
2/29/2024			<0.005	0.00067 (J)	
3/1/2024	0.00059 (J)	0.0081 (o)			0.00059 (J)
5/7/2024		<0.005			
8/6/2024	0.00046 (J)		<0.005	0.00053 (J)	<0.001
8/8/2024		<0.005			
2/24/2025	<0.005				
2/25/2025		<0.005	<0.005	0.0012	0.00061 (J)
7/28/2025			<0.005		0.0006 (J)
7/30/2025	<0.005			0.007	
7/31/2025		<0.005			
10/20/2025				0.0014 (JR)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			5.2		
5/9/2010	4.81	5.94			
5/11/2010				6.09	5.89
6/16/2010		6.4	5.93		
6/17/2010				6.19	
6/18/2010	5.6				
6/19/2010					6.14
7/26/2010			6.03		
7/27/2010		6.53		6.41	6.42
7/28/2010	5.92				
9/7/2010		6.06	6.23		
9/9/2010	4.89			6.19	5.79
4/28/2011				6.46	6.74
4/29/2011		6.18	5.68		
4/30/2011	5.27				
10/28/2011	5.45	6.63	5.89		6.62
10/29/2011				6.49	
5/2/2012	5.8	6.25	5.74		
5/3/2012				6.66	6.53
11/9/2012	5.3	6.31	5.75	6.45	6.42
5/8/2013	5.76	6.34	5.53		
5/9/2013				6.58	6.97
11/5/2013	5.08			6.42	6.66
11/6/2013		6.6	5.92		
5/20/2014	5.26 (D)	6.16 (D)	5.635 (D)		
5/22/2014					6.515 (D)
5/23/2014				6.345 (D)	
11/8/2014		6.52	6.04		
11/12/2014	5.7				
11/13/2014				6.67	6.94
5/22/2015	5.52	6.3	5.87		
5/23/2015				6.53	
5/24/2015					7
11/9/2015		5.63	5.97		
11/11/2015	5.63	6.36		6.71	6.55
4/6/2016	5.5	6.46	5.96		
4/12/2016				6.53	6.52
6/15/2016	5.52	6.39	5.96		
6/16/2016				6.49	6.38
8/10/2016	5.5	6.39	5.94		
8/11/2016				6.5	6.38
10/4/2016	5.56	6.4		6.5	6.39
10/5/2016			5.86		
11/29/2016		6.36	5.82		
11/30/2016	5.46			6.48	6.38
2/7/2017	5.28	6.45	6.15	6.38	6.43
4/1/2017	5.48				
4/4/2017	5.48	6.37	6		
4/5/2017				6.36	
4/6/2017					6.23
6/20/2017	5.44	6.4	6.34	6.45	6.36
10/4/2017	5.44			6.5	6.35

Time Series

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
10/5/2017		6.42	5.93		
3/20/2018	5.48	6.36	5.97	6.63	6.52
10/2/2018	5.49	6.38	6.03	6.57	6.51
3/26/2019	5.41	6.42	6.12	6.54	6.44
9/10/2019	5.41		6.31	6.51	6.39
3/18/2020	5.42	6.29	6.03	6.53	6.41
9/9/2020	5.71	6.33	6.05	6.57	6.44
4/1/2021	5.31	6.44	6.14	6.52	7.32 (O)
8/11/2021	5.5	6.35	6.14		
8/12/2021					6.41
8/18/2021				6.59	
10/18/2021				6.36	
2/15/2022	5.4	6.46	6.2	6.83	6.61
5/12/2022				6.55	
8/24/2022			6.22	6.42	
8/25/2022	5.4	6.42			
8/26/2022					6.37
2/27/2023				6.56	6.41
2/28/2023	5.4	6.45	6.19		
8/3/2023	5.48	6.24	6.22		
8/9/2023				6.57	6.6
10/4/2023				6.56	
2/28/2024		6.49	6.41		
3/1/2024				6.71	6.5
3/4/2024	5.24				
8/6/2024	5.48	6.35	6.21	6.61	6.7
11/7/2024					6.45
2/25/2025	5.43	6.76		6.77	6.49
2/26/2025			6.65		
7/24/2025	5.32	6.31	6.12		
7/25/2025				6.47	
7/31/2025					6.49
10/21/2025				6.61 (R)	

Time Series

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					5.95
5/11/2010	5.45	5.79	5.43	5.52	
6/17/2010	6.08	6.45			
6/18/2010			6.12	6.35	6.52
7/27/2010			6.28	6.48	
7/28/2010	6.18	6.53			6.58
9/7/2010	5.37				
9/8/2010		5.69			
9/9/2010			5.68	5.5	5.81
4/28/2011		6.17			
4/29/2011	5.82		5.89		
4/30/2011				6.09	6.25
10/28/2011	5.93		6.19		
10/29/2011		6.36		6.41	6.52
5/3/2012	5.91	6.26			
5/4/2012			6.17	6.2	6.34
11/9/2012	5.93				
11/10/2012		6.27	6.08	6.17	6.31
5/9/2013			5.99	6.13	6.2
5/10/2013	6.16	6.43			
11/6/2013	6.03	6.37	5.78		
11/7/2013				6.06	6.21
5/21/2014				6.045 (D)	6.18 (D)
5/22/2014	5.825 (D)	6.19 (D)	5.86 (D)		
11/9/2014	6.1	6.45	6.14	6.36	
5/22/2015	5.92	6.26			
5/24/2015			5.7	6.17	6.32
11/10/2015	6.02				
11/11/2015		6.3	5.78	6.19	6.35
11/16/2015	6.02				
4/12/2016	5.97	6.44		6.22	
4/13/2016					6.42
4/19/2016			5.55		
6/20/2016	5.93	6.33		6.2	6.4
6/22/2016			5.6		
8/12/2016	5.86	6.29		6.17	
8/15/2016					6.31
8/16/2016	5.86	6.3	5.7		
10/5/2016	5.1 (O)				
10/6/2016		6.21	5.64	6.14	6.27
11/30/2016	5.88	6.26		6.14	
12/1/2016			5.62		6.28
2/8/2017	5.89	6.35			
2/9/2017			5.64	6.18	6.32
4/6/2017	5.84	6.29	5.66	6.17	
4/7/2017					6.28
6/21/2017	5.91		5.68	6.17	
6/22/2017		6.31			6.29
10/5/2017	5.93		5.64		
10/6/2017		5.9		6.19	5.96
3/21/2018	5.96	6.23		6.21	
3/22/2018			5.9		6.34

Time Series

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	5.97	6.25	5.74	6.22	
10/4/2018					6.36
3/26/2019	6.02	6.34		6.25	
3/27/2019			5.78		6.38
9/10/2019	5.99	6.31			
9/11/2019			5.82	6.23	6.35
3/18/2020	5.9		5.81	6.19	
3/19/2020		6.32			6.41
9/9/2020			6.08		
9/10/2020	6.24	6.46		6.43	6.32
4/1/2021			6.01		6.4
4/2/2021		6.35			
4/5/2021				6.36	
4/6/2021	6.01				
6/2/2021				6.09	
8/11/2021				6.14	6.26
8/12/2021	6.12	6.3	5.87		
2/15/2022	5.87	6.37	6.16	6.1	6.22
5/12/2022		6.19	5.99		
8/25/2022	5.99	6.19	5.96	6.13	6.31
12/28/2022		6.2			
2/27/2023		6.17		6.16	6.35
2/28/2023	6		6		
5/2/2023	6.27	6.13			6.38
8/8/2023		6.3	6.16	6.37	6.48
8/9/2023	6.07				
10/4/2023	6.03				
2/29/2024		6.31	6.25	6.37	6.57
3/4/2024	6.11				
5/7/2024					6.3
5/20/2024	5.9	6.08		6.16	
8/6/2024			6		6.25
8/7/2024	5.84	6.12		6.19	
11/6/2024		6.15		6.4	6.51
11/7/2024	6				
2/24/2025				6.5	6.67
2/25/2025	5.93	6.17	6.16		
4/22/2025		6.18 (R)		6.23 (R)	
4/23/2025	5.88 (R)				
7/24/2025		6			6.22
7/25/2025	5.86		6.03		
7/31/2025				6.26	
10/20/2025					6.31 (R)
10/21/2025		6.08 (R)			

Time Series

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					4.25
5/10/2010	6.93	5.99	5.97	5.58	
6/16/2010		5.97	5.82	5.78	
6/18/2010					5.37
6/19/2010	7.08				
7/27/2010		6.69		6.38	5.45
7/28/2010	7.05		6.47		
9/8/2010	5.93	6.15	6.08	5.64	5.58
4/29/2011		6.31	6.3	6.14	4.86
4/30/2011	7.11				
10/27/2011	7.08	6.72	6.47	6.19	
10/28/2011					4.68
5/3/2012		6.74			5.26
5/4/2012	6.39		6.5	6.28	
11/10/2012				6	4.98
11/11/2012	6.24	6.59	6.21		
5/9/2013		6.67	6.51	6.28	5.25
5/10/2013	6.46				
11/5/2013			6.07		
11/6/2013		6.38		5.69	4.22
11/7/2013	6.59				
5/20/2014				6.09 (D)	4.83 (D)
5/21/2014	6.685 (D)	6.355 (D)	6.125 (D)		
11/12/2014		6.81	6.49	6.33	5.3
11/13/2014	6.55				
5/23/2015	6.36	6.42	6.3		5.04
5/24/2015				6.04	
11/11/2015	6.36				
11/12/2015		6.7	6.45	6.31	5.31
4/13/2016		6.59	6.42	6.17	5.22
4/19/2016	6.4				
6/21/2016			6.36	6.19	5.2
6/22/2016		6.49			
6/23/2016	6.35				
8/15/2016		6.61	6.3	6.15	5.12
8/23/2016	6.29				
10/5/2016			6.25	6.1	5.07
10/6/2016		6.55			
10/7/2016					5.07
10/10/2016	6.3 (D)				
12/1/2016	6.37 (D)	6.59	6.32	6.15	5.08
2/8/2017		6.63	6.04	5.9	4.76
2/9/2017	6.39 (D)				
2/27/2017	6.24				
4/5/2017					5.1
4/6/2017		6.58	6.35	6.13	
4/7/2017	6.93				
6/20/2017				6.12	5.13
6/21/2017	7.11	6.56	6.2		
8/15/2017	6.95				
9/1/2017	6.86				
10/5/2017		6.58	6.21	6.11	5.1

Time Series

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/9/2017	6.75				
3/21/2018		6.76	6.56	6.21	5.33
3/22/2018	7.05				
10/2/2018		6.65	6.35	6.21	5.16
10/4/2018	7.26				
3/26/2019					5.25
3/27/2019	6.69	6.7	6.53	6.22	
9/11/2019	6.72	6.63	6.32	6.17	5.1
3/18/2020	6.42	6.61	6.34	6.17	5.19
9/9/2020	6.3	6.8	6.4		
9/10/2020				6.16	5.1
4/1/2021		6.28	6.35	6.11	5.18
4/5/2021	6.35				
6/1/2021	6.28				
8/11/2021				6.21	5.2
8/12/2021	6.37	6.66			
8/17/2021			6.45		
10/18/2021			6.25		
2/15/2022	6.34	6.61	6.48		
2/16/2022				6.16	5.11
5/12/2022			6.31		
8/25/2022	6.29	6.48	6.2	6.01	
8/26/2022					5.07
12/28/2022		6.62	6.36		
2/21/2023			6.33		
2/27/2023	6.27	6.57		6.19	5.2
5/2/2023	6.23		6.3		
8/8/2023	6.38	6.63			
8/9/2023			6.3	6.24	5.1
10/4/2023	6.45				
2/29/2024	6.52			6.26	5.24
3/1/2024		6.82	6.47		
5/20/2024			6.28		
8/6/2024	6.35	6.47	6.22	6.11	5.26
11/6/2024		6.58			
2/24/2025	6.75	7.14	6.27	6.14	5.18
4/22/2025		6.56 (R)			
7/30/2025				6.11	5.11
7/31/2025	6.38	6.5			
8/1/2025			6.24		

Time Series

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	4.93	4.87			
5/10/2010			5.76		
5/11/2010				5.93	6.05
6/16/2010			6.38	6.58	
6/17/2010					6.77
6/18/2010	5.91	5.75			
7/26/2010			6.52		
7/27/2010				6.69	6.82
7/28/2010		5.9			
7/29/2010	6.01				
9/7/2010			5.74	5.87	5.94
9/9/2010	5.1	5.05			
4/26/2011	5.6				
4/29/2011			6.19	6.37	6.33
4/30/2011		5.38			
10/28/2011	5.87	5.59	6.39	6.52	6.73
5/2/2012			6.22	6.24	
5/3/2012		5.77			6.51
5/4/2012	5.82				
11/9/2012			6.3	6.31	
11/10/2012		5.63			6.48
11/11/2012	5.83				
5/8/2013	6.21	6.11	6.07		
5/9/2013				6.01	6.42
11/5/2013		5.23			
11/6/2013			6.45	6.6	6.73
11/7/2013	5.78				
5/20/2014	5.665 (D)	5.37 (D)			
5/22/2014				6.295 (D)	6.345 (D)
5/23/2014			6.09 (D)		
11/8/2014			6.42	6.51	
11/9/2014					6.66
11/12/2014	6.02	5.77			
5/22/2015			6.26	6.35	6.49
5/24/2015	5.81	5.53			
11/10/2015			6.29	6.41	6.53
11/11/2015		5.68			
11/12/2015	5.93				
4/11/2016			6.3	6.36	
4/12/2016					6.53
4/13/2016	5.88	5.58			
6/16/2016			6.34	6.35	6.51
6/21/2016	5.9	5.59			
8/11/2016			6.28	6.37	6.49
8/15/2016	5.86	5.56			
10/4/2016	5.85	5.66			
10/5/2016			6.27	5.78 (O)	6.46
10/7/2016	5.85				
11/29/2016			6.39	6.44	
11/30/2016					6.5
12/1/2016	5.85	5.54			
2/7/2017		5.42			

Time Series

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			6.35	6.4	6.59
2/9/2017	5.92				
4/5/2017				6.35	
4/6/2017	5.85	5.55	6.26		6.47
6/20/2017		5.57			
6/21/2017			6.24	6.36	6.53
6/22/2017	5.9				
10/5/2017		5.55	6.31	6.41	6.51
10/6/2017	5.88				
3/20/2018		5.73	6.34	6.37	
3/21/2018					6.5
3/22/2018	5.88				
10/2/2018		5.68	6.38	6.41	
10/3/2018	5.95				6.48
3/26/2019	5.89	5.63	6.38	6.35	6.52
9/11/2019	5.89	5.59	6.37		
9/12/2019				6.39	6.57
3/18/2020	5.81	5.61	6.32		
3/19/2020				6.27	6.47
9/9/2020		5.88	6.3	6.27	
9/10/2020	5.83				6.49
4/1/2021		5.53	6.37		
4/5/2021				6.37	6.64
4/6/2021	5.95				
6/1/2021				6.18	6.39
8/11/2021	5.92	5.61	6.43	6.35	6.58
10/7/2021				6.79	
2/16/2022	5.79	5.6	6.54	6.47	6.71
5/12/2022			6.39		6.52
8/25/2022			6.45	6.36	6.62
8/26/2022	5.91	5.51			
12/28/2022				6.29	6.56
2/27/2023	5.94	5.62			
2/28/2023			6.36	6.29	6.53
8/8/2023				6.32	6.59
8/9/2023	5.95	5.58	6.41		
2/29/2024			6.51	6.33	
3/1/2024	5.9	5.55			6.73
5/7/2024		5.55			6.5
8/6/2024	5.95		6.3	6.26	6.41
8/8/2024		5.56			
2/24/2025	5.9				
2/25/2025		5.57	6.69	6.59	6.55
4/22/2025				6.21 (R)	
7/28/2025			6.33		6.47
7/30/2025	5.88			5.34	
7/31/2025		5.61			
10/20/2025				6.26 (R)	
10/21/2025			6.22 (R)		6.28 (R)

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/11/2010				<0.005	<0.005
6/16/2010		<0.005	<0.005		
6/17/2010				<0.005	
6/18/2010	<0.005				
6/19/2010					<0.005
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005				
9/7/2010		<0.005	<0.005		
9/9/2010	<0.005			<0.005	<0.005
4/28/2011				<0.005	<0.005
4/29/2011		<0.005	<0.005		
4/30/2011	<0.005				
10/28/2011	<0.005	<0.005	<0.005		<0.005
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2013	<0.005	<0.005	0.0044 (J)		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/22/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				
11/13/2014				<0.005	<0.005
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				0.0053 (J)	
5/24/2015					0.0044 (J)
11/9/2015		0.0043 (J)	<0.005		
11/11/2015	<0.005			<0.005	0.0045 (J)
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	<0.005
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	<0.005
10/4/2016	<0.005	<0.005		0.00037 (J)	<0.005
10/5/2016			<0.005		
11/29/2016		0.00024 (J)	<0.005		
11/30/2016	<0.005			<0.005	<0.005
2/7/2017	<0.005	<0.005	<0.005	<0.005	<0.005
4/4/2017	0.00067 (J)	0.0017	<0.005		
4/5/2017				<0.005	
4/6/2017					0.0023
6/20/2017	<0.005	<0.005	<0.005	<0.005	0.00024 (J)
10/4/2017	<0.005			<0.005	<0.005
10/5/2017		<0.005	0.00027 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.005	<0.005	<0.005	0.00037 (J)	0.00059 (J)
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/12/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	<0.005	
8/25/2022	<0.005	<0.005			
8/26/2022					<0.005
2/27/2023				<0.005	0.00075 (J)
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	<0.005	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				<0.005	<0.005
3/4/2024	<0.005				
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025	<0.005	<0.005		<0.005	<0.005
2/26/2025			<0.005		
7/24/2025	<0.005	<0.005	<0.005		
7/25/2025				<0.005	
7/31/2025					<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.005
5/11/2010	<0.005	<0.005	<0.005	<0.005	
6/17/2010	<0.005	<0.005			
6/18/2010			<0.005	<0.005	<0.005
7/27/2010			<0.005	<0.005	
7/28/2010	<0.005	<0.005			<0.005
9/7/2010	<0.005				
9/8/2010		<0.005			
9/9/2010			<0.005	<0.005	<0.005
4/28/2011		<0.005			
4/29/2011	<0.005		<0.005		
4/30/2011				<0.005	<0.005
10/28/2011	<0.005		<0.005		
10/29/2011		<0.005		<0.005	<0.005
5/3/2012	<0.005	<0.005			
5/4/2012			<0.005	<0.005	<0.005
11/9/2012	<0.005				
11/10/2012		<0.005	<0.005	<0.005	<0.005
5/9/2013			<0.005	<0.005	<0.005
5/10/2013	<0.005	<0.005			
11/6/2013	<0.005	<0.005	<0.005		
11/7/2013				<0.005	<0.005
5/21/2014				<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005		
11/9/2014	<0.005	<0.005	<0.005	<0.005	
11/12/2014					<0.005
5/22/2015	<0.005	<0.005			
5/24/2015			0.013 (J)	<0.005	0.0053 (J)
11/10/2015	<0.005				
11/11/2015		<0.005	0.037	0.007 (J)	0.0049 (J)
4/12/2016	<0.005	<0.005		<0.005	
4/13/2016					<0.005
4/19/2016			0.0587		
6/20/2016	<0.005	<0.005		0.00032 (J)	<0.005
6/22/2016			0.0435		
8/12/2016	0.00036 (J)	<0.005		0.00035 (J)	
8/15/2016					<0.005
8/16/2016			0.029		
10/5/2016	<0.005				
10/6/2016		<0.005	0.027	0.00029 (J)	<0.005
11/30/2016	<0.005	<0.005		0.00026 (J)	
12/1/2016			0.029		<0.005
2/8/2017	<0.005	<0.005			
2/9/2017			0.031	<0.005	<0.005
4/6/2017	<0.005	<0.005	0.043	<0.005	
4/7/2017					<0.005
6/21/2017	<0.005		0.052	0.00031 (J)	
6/22/2017		<0.005			<0.005
10/5/2017	<0.005		0.038		
10/6/2017		<0.005		<0.005	<0.005
3/21/2018	<0.005	0.00029 (J)		0.00038 (J)	
3/22/2018			0.038		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.005	<0.005	0.021	0.00056 (J)	
10/4/2018					<0.005
3/26/2019	<0.005	<0.005		<0.005	
3/27/2019			0.023		<0.005
9/10/2019	<0.005	<0.005			
9/11/2019			0.0079	<0.005	<0.005
3/18/2020	<0.005		0.014	<0.005	
3/19/2020		<0.005			<0.005
9/9/2020			0.0054		
9/10/2020	<0.005	<0.005		<0.005	<0.005
4/1/2021			0.0065		<0.005
4/2/2021		<0.005			
4/5/2021				<0.005	
4/6/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	<0.005	<0.005	0.0088		
2/15/2022	<0.005	0.0013 (J)	0.0058	<0.005	<0.005
8/25/2022	<0.005	0.0012 (J)	0.0043 (J)	<0.005	<0.005
2/27/2023		0.0039 (J)		<0.005	<0.005
2/28/2023	<0.005		0.0033 (J)		
8/8/2023		0.0041 (J)	0.003 (J)	<0.005	<0.005
8/9/2023	<0.005				
2/29/2024		0.0042 (J)	0.0018 (J)	<0.005	<0.005
3/4/2024	<0.005				
8/6/2024			0.0029 (J)		<0.005
8/7/2024	<0.005	0.0045 (J)		<0.005	
2/24/2025				<0.005	<0.005
2/25/2025	<0.005	0.0076	0.0013 (J)		
4/22/2025		0.0091 (R)			
7/24/2025		0.009			<0.005
7/25/2025	<0.005		<0.005		
7/31/2025				<0.005	
10/21/2025		0.02 (R)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	<0.005	<0.005	<0.005	<0.005	
6/16/2010		<0.005	<0.005	<0.005	
6/18/2010					<0.005
6/19/2010	<0.005				
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005		<0.005		
9/8/2010	<0.005	<0.005	<0.005	<0.005	<0.005
4/29/2011		<0.005	<0.005	<0.005	<0.005
4/30/2011	<0.005				
10/27/2011	<0.005	<0.005	<0.005	<0.005	
10/28/2011					0.004 (J)
5/3/2012		<0.005			<0.005
5/4/2012	<0.005		<0.005	<0.005	
11/10/2012				<0.005	<0.005
11/11/2012	<0.005	<0.005	<0.005		
5/9/2013		<0.005	<0.005	<0.005	<0.005
5/10/2013	<0.005				
11/5/2013			<0.005		
11/6/2013		<0.005		<0.005	<0.005
11/7/2013	<0.005				
5/20/2014				<0.005	<0.005
5/21/2014	<0.005	<0.005	<0.005		
11/12/2014		<0.005	<0.005	<0.005	<0.005
11/13/2014	<0.005				
5/23/2015	0.0045 (J)	<0.005	0.0043 (J)		<0.005
5/24/2015				0.005 (J)	
11/11/2015	0.0043 (J)				
11/12/2015		0.0065 (J)	0.0046 (J)	0.0042 (J)	<0.005
4/13/2016		<0.005	<0.005	<0.005	<0.005
4/19/2016	<0.005				
6/21/2016			<0.005	<0.005	<0.005
6/22/2016		<0.005			
8/15/2016		<0.005	<0.005	<0.005	<0.005
10/5/2016			<0.005	<0.005	<0.005
10/6/2016		<0.005			
10/10/2016	<0.005				
12/1/2016	<0.005	<0.005	<0.005	<0.005	<0.005
2/8/2017		<0.005	<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017					<0.005
4/6/2017		<0.005	<0.005	0.00031 (J)	
4/7/2017	<0.005				
6/20/2017				<0.005	<0.005
6/21/2017	<0.005	<0.005	<0.005		
8/15/2017	<0.005				
9/1/2017	0.00044 (J)				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/9/2017	<0.005				
3/21/2018		0.0004 (J)	<0.005	<0.005	<0.005
3/22/2018	0.00032 (J)				
10/2/2018		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.005				
3/26/2019					<0.005
3/27/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005		
9/10/2020				<0.005	<0.005
4/1/2021		<0.005	<0.005	<0.005	<0.005
4/5/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	<0.005	<0.005			
8/17/2021			<0.005		
2/15/2022	<0.005	<0.005	<0.005		
2/16/2022				<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	
8/26/2022					<0.005
2/21/2023			<0.005		
2/27/2023	<0.005	<0.005		<0.005	<0.005
8/8/2023	<0.005	<0.005			
8/9/2023			<0.005	<0.005	<0.005
2/29/2024	<0.005			<0.005	<0.005
3/1/2024		<0.005	<0.005		
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/24/2025	<0.005	<0.005	<0.005	<0.005	<0.005
7/30/2025				<0.005	<0.005
7/31/2025	<0.005	<0.005			
8/1/2025			<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.005	<0.005			
5/10/2010			<0.005		
5/11/2010				<0.005	<0.005
6/16/2010			<0.005	<0.005	
6/17/2010					<0.005
6/18/2010	<0.005	<0.005			
7/26/2010			<0.005		
7/27/2010				<0.005	<0.005
7/28/2010		<0.005			
7/29/2010	<0.005				
9/7/2010			<0.005	<0.005	<0.005
9/9/2010	<0.005	<0.005			
4/26/2011	<0.005				
4/29/2011			<0.005	<0.005	<0.005
4/30/2011		<0.005			
10/28/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/2/2012			<0.005	<0.005	
5/3/2012		<0.005			<0.005
5/4/2012	<0.005				
11/9/2012			<0.005	<0.005	
11/10/2012		<0.005			<0.005
11/11/2012	<0.005				
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013			<0.005	<0.005	<0.005
11/7/2013	<0.005				
5/20/2014	<0.005	<0.005			
5/22/2014				<0.005	<0.005
5/23/2014			<0.005		
11/8/2014			<0.005	<0.005	
11/9/2014					<0.005
11/12/2014	<0.005	<0.005			
5/22/2015			<0.005	<0.005	<0.005
5/24/2015	<0.005	<0.005			
11/10/2015			0.0041 (J)	0.0044 (J)	<0.005
11/11/2015		0.0052 (J)			
11/12/2015	<0.005				
4/11/2016			<0.005	<0.005	
4/12/2016					<0.005
4/13/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
6/21/2016	<0.005	<0.005			
8/11/2016			<0.005	<0.005	<0.005
8/15/2016	<0.005	<0.005			
10/4/2016		<0.005			
10/5/2016			<0.005	<0.005	<0.005
10/7/2016	<0.005				
11/29/2016			<0.005	<0.005	
11/30/2016					<0.005
12/1/2016	<0.005	0.00025 (J)			
2/7/2017		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017				<0.005	
4/6/2017	<0.005	<0.005	<0.005		<0.005
6/20/2017		<0.005			
6/21/2017			<0.005	<0.005	<0.005
6/22/2017	<0.005				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/6/2017	<0.005				
3/20/2018		<0.005	<0.005	<0.005	
3/21/2018					<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.005	
10/3/2018	<0.005				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005	<0.005		
9/12/2019				<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005		
3/19/2020				<0.005	<0.005
9/9/2020		<0.005	<0.005	<0.005	
9/10/2020	<0.005				<0.005
4/1/2021		<0.005	<0.005		
4/5/2021				<0.005	<0.005
4/6/2021	<0.005				
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022			<0.005	<0.005	<0.005
8/26/2022	<0.005	<0.005			
2/27/2023	<0.005	<0.005			
2/28/2023			<0.005	<0.005	<0.005
8/8/2023				<0.005	<0.005
8/9/2023	<0.005	<0.005	<0.005		
2/29/2024			<0.005	<0.005	
3/1/2024	<0.005	<0.005			<0.005
8/6/2024	<0.005		<0.005	<0.005	<0.005
8/8/2024		<0.005			
2/24/2025	<0.005				
2/25/2025		<0.005	<0.005	<0.005	<0.005
7/28/2025			<0.005		<0.005
7/30/2025	<0.005			<0.005	
7/31/2025		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.001	<0.001
6/16/2010		<0.001	<0.001		
6/17/2010				<0.001	
6/18/2010	<0.001				
6/19/2010					<0.001
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				<0.001	<0.001
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.001
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	<0.001
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	
5/24/2015					<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		0.00012 (J)	<0.001
10/5/2016			<0.001		
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
10/4/2017	<0.001			<0.001	<0.001
10/5/2017		<0.001	<0.001		
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		
7/24/2025	<0.001	<0.001	<0.001		
7/25/2025				<0.001	
7/31/2025					<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/11/2025 1:41 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.001	<0.001	<0.001	<0.001	
6/17/2010	<0.001	<0.001			
6/18/2010			<0.001	<0.001	<0.001
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		<0.001			
9/9/2010			<0.001	<0.001	<0.001
4/28/2011		<0.001			
4/29/2011	<0.001		<0.001		
4/30/2011				<0.001	<0.001
10/28/2011	<0.001		<0.001		
10/29/2011		<0.001		<0.001	<0.001
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	<0.001				
11/10/2012		<0.001	<0.001	<0.001	<0.001
5/9/2013			<0.001	<0.001	<0.001
5/10/2013	<0.001	<0.001			
11/6/2013	<0.001	<0.001	<0.001		
11/7/2013				<0.001	<0.001
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	<0.001	<0.001			
5/24/2015			<0.001	<0.001	<0.001
11/10/2015	<0.001				
11/11/2015		<0.001	<0.001	<0.001	<0.001
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	0.00012 (J)	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001
10/3/2018	<0.001	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		<0.001			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	<0.001
4/1/2021			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		<0.001			
4/5/2021				<0.001	
4/6/2021	<0.001				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001	<0.001		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		
7/24/2025		<0.001			<0.001
7/25/2025	<0.001		<0.001		
7/31/2025				<0.001	

Time Series

Constituent: Silver (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		<0.001	<0.001	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	<0.001	<0.001	<0.001	<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001
4/30/2011	<0.001				
10/27/2011	<0.001	<0.001	<0.001	<0.001	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	<0.001		<0.001	<0.001	
11/10/2012				<0.001	<0.001
11/11/2012	<0.001	<0.001	<0.001		
5/9/2013		<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001				
11/5/2013			<0.001		
11/6/2013		<0.001		<0.001	<0.001
11/7/2013	<0.001				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		<0.001	<0.001	<0.001	<0.001
11/13/2014	<0.001				
5/23/2015	<0.001	<0.001	<0.001		<0.001
5/24/2015				<0.001	
11/11/2015	<0.001				
11/12/2015		<0.001	<0.001	<0.001	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	<0.001				
8/11/2021				<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.001	<0.001			
8/17/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	<0.001			<0.001	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001
7/30/2025				<0.001	<0.001
7/31/2025	<0.001	<0.001			
8/1/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			<0.001	<0.001	<0.001
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		<0.001
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	0.00031 (J)				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				<0.001	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001
7/28/2025			<0.001		<0.001
7/30/2025	<0.001			<0.001	
7/31/2025		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				0.617 (J)	0.56 (J)
6/15/2016	0.32 (J)	0.22 (J)	0.18 (J)		
6/16/2016				0.72 (J)	0.69 (J)
8/10/2016	<1	<1	<1		
8/11/2016				<1	<1
10/4/2016	<1	<1		<1	<1
10/5/2016			<1		
11/29/2016		<1	<1		
11/30/2016	<1			<1	<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)	<1
4/4/2017	<1	<1	<1		
4/5/2017				1	
4/6/2017					<1
6/20/2017	<1	<1	<1	0.76 (J)	<1
10/4/2017	<1			<1	<1
10/5/2017		<1	<1		
3/20/2018	1.2	<1	<1	0.95 (J)	<1
10/2/2018	<1	<1	<1	<1	<1
3/26/2019	2.1	<1	0.58 (J)	0.53 (J)	0.99 (J)
9/10/2019	0.65 (J)	<1	0.44 (J)	0.69 (J)	0.63 (J)
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.84 (J)	0.59 (J)
9/9/2020	1.6	<1	<1	0.77 (J)	0.59 (J)
4/1/2021	2.7	<1	<1	<1	1.1
8/11/2021	1.3	<1	<1		
8/12/2021					<1
8/18/2021				0.79 (J)	
2/15/2022	2.6	<1	<1	1.5	0.79 (J)
8/24/2022			<1	<1	
8/25/2022	1.9	<1			
8/26/2022					1.1
2/27/2023				1.6	1.6
2/28/2023	3.5	1.4	1.3		
8/3/2023	1.7	0.4 (J)	<1		
8/9/2023				0.46 (J)	0.51 (J)
2/28/2024		<1	<1		
3/1/2024				0.79 (J)	1.2
3/4/2024	2.8				
8/6/2024	1.3	<1	<1	<1	0.43 (J)
2/25/2025	3.6	<1		0.48 (J)	0.4 (J)
2/26/2025			<1		
7/24/2025	3.2	1.2	0.93 (J)		
7/25/2025				1	
7/31/2025					1.2

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	0.419 (J)	3.56		7.55	
4/13/2016					<1
4/19/2016			575 (O)		
6/20/2016	0.6 (J)	2.4		14	0.36 (J)
6/22/2016			470		
8/15/2016					<1
8/16/2016	<1	1.7	360	12	
10/5/2016	<1				
10/6/2016		1.2	300	13	<1
11/30/2016	1.1	1.2		14	
12/1/2016			340		<1
2/8/2017	<1	4.6			
2/9/2017			350	9.5	<1
4/6/2017	<1	4.1	380	9.7	
4/7/2017					<1
6/21/2017	<1		490	13	
6/22/2017		3.4			<1
10/5/2017	<1		380		
10/6/2017		3		7.3	<1
3/21/2018	<1	4.9		9.5	
3/22/2018			400		<1
10/3/2018	<1	2.9	270	10	
10/4/2018					<1
3/26/2019	0.47 (J)	3.2		6.3	
3/27/2019			260		0.51 (J)
9/10/2019	0.7 (J)	1.7			
9/11/2019			130	12	0.52 (J)
3/18/2020	0.6 (J)		170	5.6	
3/19/2020		4.6			0.54 (J)
9/9/2020			110		
9/10/2020	<1	1.6		9.4	<1
4/1/2021			100		<1
4/2/2021		4.6			
4/6/2021	<1				
6/2/2021				13	
8/11/2021				11	<1
8/12/2021	<1	3.5	140		
2/15/2022	0.91 (J)	20	100	13	<1
5/12/2022		33			
8/25/2022	0.99 (J)	19	100	12	<1
12/28/2022		32			
2/27/2023		56		13	1.4
2/28/2023	4.7		87		
5/2/2023	4.2				
8/8/2023		53	79	6.5	<1
8/9/2023	3.6				
10/4/2023	3.1				
2/29/2024		84	75	25	1.5
3/4/2024	10				
5/20/2024	0.64 (J)			18	
8/6/2024			73		1.4
8/7/2024	15	73		13	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
11/7/2024	18				
2/24/2025				30	3.5
2/25/2025	20	150	58		
4/22/2025		180 (R)		38 (R)	
4/23/2025	18 (R)				
7/24/2025		200			6.4
7/25/2025	16		73		
7/31/2025				20	
10/20/2025					9.2 (R)
10/21/2025		220 (R)			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		8.66	0.51 (J)	<1	<1
4/19/2016	32.7				
6/21/2016			0.58 (J)	0.16 (J)	0.2 (J)
6/22/2016		6.3			
8/15/2016		8	<1	<1	<1
10/5/2016			<1	<1	<1
10/6/2016		10			
10/10/2016	33				
12/1/2016	31	15	<1	<1	<1
2/8/2017		13	1	<1	<1
2/9/2017	34				
4/5/2017					<1
4/6/2017		14	0.81 (J)	<1	
4/7/2017	37				
6/20/2017				<1	<1
6/21/2017	35	11	1.1		
8/15/2017	42				
9/1/2017	40				
10/5/2017		10	1.1	<1	<1
10/9/2017	40				
3/21/2018		12	1.1	<1	<1
3/22/2018	39				
10/2/2018		8.2	1.2	<1	<1
10/4/2018	30				
3/26/2019					0.49 (J)
3/27/2019	18	6.8	1.6	<1	
9/11/2019	32	9.6	1.8	0.63 (J)	0.5 (J)
3/18/2020	16	6.9	2.4	<1	1.3
9/9/2020	11	8.4	2.6		
9/10/2020				<1	<1
4/1/2021		9.7	2.7	<1	<1
6/1/2021	17				
8/11/2021				<1	<1
8/12/2021	27	9.7			
8/17/2021			1.2		
2/15/2022	11	7.2	3.5		
2/16/2022				<1	<1
5/12/2022			2.7		
8/25/2022	22	19	3.7	<1	
8/26/2022					0.77 (J)
2/21/2023			4.7		
2/27/2023	12	13		0.88 (J)	1.2
5/2/2023			4.3		
8/8/2023	7.8	13			
8/9/2023			2.3	<1	<1
2/29/2024	18			<1	<1
3/1/2024		17	4.7		
5/20/2024			3.9		
8/6/2024	21	22	4.4	<1	<1
11/6/2024		30			
2/24/2025	21	19	4.3	<1	<1
7/30/2025				<1	<1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
7/31/2025	14	16			
8/1/2025			2.9		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			<1	<1	
4/12/2016					<1
4/13/2016	0.646 (J)	<1			
6/16/2016			0.19 (J)	0.23 (J)	0.32 (J)
6/21/2016	0.57 (J)	0.16 (J)			
8/11/2016			<1	<1	<1
8/15/2016	<1	<1			
10/4/2016		<1			
10/5/2016			<1	<1	<1
10/7/2016	<1				
11/29/2016			<1	<1	
11/30/2016					<1
12/1/2016	<1	<1			
2/7/2017		<1			
2/8/2017			<1	<1	<1
2/9/2017	<1				
4/5/2017				<1	
4/6/2017	<1	<1	<1		<1
6/20/2017		<1			
6/21/2017			<1	<1	<1
6/22/2017	<1				
10/5/2017		<1	<1	<1	<1
10/6/2017	<1				
3/20/2018		<1	<1	<1	
3/21/2018					<1
3/22/2018	<1				
10/2/2018		<1	<1	<1	
10/3/2018	<1				<1
3/26/2019	1.3	0.64 (J)	0.39 (J)	<1	0.45 (J)
9/11/2019	0.81 (J)	0.5 (J)	0.61 (J)		
9/12/2019				<1	<1
3/18/2020	25 (O)	<1	0.62 (J)		
3/19/2020				0.64 (J)	0.71 (J)
9/9/2020		<1	<1	1.2	
9/10/2020	1.3				<1
4/1/2021		<1	<1		
4/6/2021	0.9 (J)				
6/1/2021				1.9	1.4
8/11/2021	0.89 (J)	<1	<1	<1	<1
2/16/2022	<1	<1	<1	<1	<1
8/25/2022			<1	<1	<1
8/26/2022	1.3	0.79 (J)			
2/27/2023	1.6	1.2			
2/28/2023			1.2	1.2	1.3
8/8/2023				<1	<1
8/9/2023	1.3	<1	<1		
2/29/2024			1.8	<1	
3/1/2024	1.2	<1			0.68 (J)
8/6/2024	<1		<1	<1	<1
8/8/2024		<1			
2/24/2025	0.41 (J)				
2/25/2025		<1	<1	<1	<1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
7/28/2025			<1		<1
7/30/2025	1			260	
7/31/2025		<1			
10/20/2025				<1 (R)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	38	84	61		
4/12/2016				147	93
6/15/2016	<10	139	113		
6/16/2016				150	130
8/10/2016	56	80	74		
8/11/2016				110	92
10/4/2016	48	62		140	120
10/5/2016			44		
11/29/2016		110	58		
11/30/2016	46			130	130
2/7/2017	18	70	4 (J)	130	36
4/4/2017	32	120	78		
4/5/2017				130	
4/6/2017					150
6/20/2017	38	76	50	120	92
10/4/2017	42			130	120
10/5/2017		110	64		
3/20/2018	20	110	90	110	120
10/2/2018	48	110	90	140	140
3/26/2019	45	100	82	150	130
9/10/2019	42	75	51	130	140
3/18/2020	43	93	75	130	140
9/9/2020	<10	66	64	120	110
4/1/2021	55	100	68	120	120
8/11/2021	55	100	94		
8/12/2021					130
8/18/2021				150	
2/15/2022	42	99	79	120	120
8/24/2022			110	160	
8/25/2022	86	130			
8/26/2022					180
2/27/2023				160	140
2/28/2023	50	110	94		
8/3/2023	53	110	85		
8/9/2023				140	120
2/28/2024		100	85		
3/1/2024				150	140
3/4/2024	41				
8/6/2024	53	110	86	140	130
2/25/2025	52	110		150	130
2/26/2025			81		
7/24/2025	78	180	130		
7/25/2025				210	
7/31/2025					140
10/21/2025				150 (R)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	92	80		138	
4/13/2016					130
4/19/2016			1290		
6/20/2016	78	111		154	116
6/22/2016			1060		
8/15/2016					92
8/16/2016	76	100	880	140	
10/5/2016	64				
10/6/2016		110	820	150	110
11/30/2016	82	110		160	
12/1/2016			900		140
2/8/2017	92	120			
2/9/2017			940	160	120
4/6/2017	88	130	1100	140	
4/7/2017					120
6/21/2017	88		1200	150	
6/22/2017		110			100
10/5/2017	86		950		
10/6/2017		120		160	140
3/21/2018	98	160		170	
3/22/2018			1000		130
10/3/2018	60	120	620	120	
10/4/2018					110
3/26/2019	86	130		130	
3/27/2019			580		120
9/10/2019	66	93			
9/11/2019			310	120	100
3/18/2020	72		430	140	
3/19/2020		130			98
9/9/2020			270		
9/10/2020	59	130		140	120
4/1/2021			260		110
4/2/2021		150			
4/6/2021	81				
6/2/2021				140	
8/11/2021				160	130
8/12/2021	89	130	370		
2/15/2022	53	140	290	140	140
8/25/2022	110	170	290	170	150
2/27/2023		240		150	140
2/28/2023	72		240		
5/2/2023		290			
8/8/2023		220	230	110	130
8/9/2023	88				
2/29/2024		260	190	160	130
3/4/2024	99				
8/6/2024			210		130
8/7/2024	100	250		150	
2/24/2025				160	150
2/25/2025	130	350	200		
4/22/2025		470 (R)			
7/24/2025		590			230

Time Series

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
7/25/2025	130		240		
7/31/2025				160	
10/20/2025					170 (R)
10/21/2025		490 (R)			

Time Series

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		135	103	99	<5
4/19/2016	179				
6/21/2016			214 (O)	293 (O)	110
6/22/2016		199			
8/15/2016		120	130	90	<5
10/5/2016			84	70	<5
10/6/2016		140			
10/10/2016	110 (O)				
12/1/2016	170	160	130	120	16
2/8/2017		130	130	86	12
2/9/2017	180				
4/5/2017					18
4/6/2017		140	130	130	
4/7/2017	200				
6/20/2017				86	<5
6/21/2017	190	150	120		
8/15/2017	190				
9/1/2017	160				
10/5/2017		170	140	94	28
10/9/2017	230				
3/21/2018		160	120	100	28
3/22/2018	220				
10/2/2018		34	150	120	38
10/17/2018	170				
3/26/2019					29
3/27/2019	300	140	140	100	
9/11/2019	210	130	110	94	14
3/18/2020	300	130	140	100	26
9/9/2020	360	150	160		
9/10/2020				95	13
4/1/2021		120	140	90	17
6/1/2021	340				
8/11/2021				120	18
8/12/2021	240	150			
8/17/2021			160		
2/15/2022	330	140	150		
2/16/2022				79	16
8/25/2022	270	180	170	130	
8/26/2022					29
2/21/2023			150		
2/27/2023	340	170		120	39
8/8/2023	910 (o)	150			
8/9/2023			140	98	27
10/4/2023	240				
2/29/2024	270			110	32
3/1/2024		160	150		
8/6/2024	230	170	140	100	28
2/24/2025	260	180	150	110	31
7/30/2025				89	22
7/31/2025	280	180			
8/1/2025			150		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			89	99	
4/12/2016					104
4/13/2016	60	56			
6/16/2016			88	102	111
6/21/2016	195 (O)	68			
8/11/2016			52	38	70
8/15/2016	42	46			
10/4/2016		60			
10/5/2016			76	26	92
10/7/2016	24				
11/29/2016			72	82	
11/30/2016					92
12/1/2016	68	70			
2/7/2017		40			
2/8/2017			74	78	98
2/9/2017	56				
4/5/2017				100	
4/6/2017	68	74	84		92
6/20/2017		34			
6/21/2017			88	100	100
6/22/2017	56				
10/5/2017		98	110	100	130
10/6/2017	90				
3/20/2018		42	92	100	
3/21/2018					100
3/22/2018	76				
10/2/2018		40	100	130	
10/3/2018	22				130
3/26/2019	59	60	94	100	110
9/11/2019	33	26	77		
9/12/2019				70	84
3/18/2020	100	57	92		
3/19/2020				110	120
9/9/2020		54	77	120	
9/10/2020	60				110
4/1/2021		43	62		
4/6/2021	55				
6/1/2021				130	120
8/11/2021	75	71	98	120	110
2/16/2022	55	46	70	110	110
8/25/2022			130	150	140
8/26/2022	84	91			
2/27/2023	87	70			
2/28/2023			100	130	120
8/8/2023				130	130
8/9/2023	74	64	95		
2/29/2024			96	130	
3/1/2024	74	63			130
8/6/2024	78		95	130	120
8/8/2024		65			
2/24/2025	86				
2/25/2025		66	99	140	110

Time Series

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
7/28/2025			150		190
7/30/2025	61			460	
7/31/2025		70			
10/20/2025				140 (R)	
10/21/2025			97 (R)		140 (R)

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.001	<0.001
6/16/2010		<0.001	<0.001		
6/17/2010				<0.001	
6/18/2010	<0.001				
6/19/2010					<0.001
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				<0.001	<0.001
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.001
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2013	<0.001	0.0003 (J)	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	<0.001
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	
5/24/2015					<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		<0.001	<0.001
10/5/2016			<0.001		
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001			<0.001	<0.001
10/5/2017		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	0.00021 (J)	0.00023 (J)	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00049 (J)	0.00025 (J)
9/9/2020	0.00025 (J)	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	0.00027 (J)	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		
7/24/2025	0.00081 (J)	<0.001	<0.001		
7/25/2025				<0.001	
7/31/2025					<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.001	<0.001	<0.001	<0.001	
6/17/2010	<0.001	<0.001			
6/18/2010			<0.001	<0.001	<0.001
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		<0.001			
9/9/2010			<0.001	<0.001	<0.001
4/28/2011		<0.001			
4/29/2011	<0.001		<0.001		
4/30/2011				<0.001	<0.001
10/28/2011	<0.001		<0.001		
10/29/2011		<0.001		<0.001	0.00027 (J)
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	<0.001				
11/10/2012		<0.001	<0.001	<0.001	<0.001
5/9/2013			<0.001	<0.001	<0.001
5/10/2013	<0.001	<0.001			
11/6/2013	<0.001	<0.001	<0.001		
11/7/2013				<0.001	0.00026 (J)
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	<0.001	<0.001			
5/24/2015			<0.001	<0.001	<0.001
11/10/2015	<0.001				
11/11/2015		<0.001	<0.001	<0.001	<0.001
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
6/20/2016	<0.001	<0.001		<0.001	<0.001
6/22/2016			<0.001		
8/12/2016	<0.001	<0.001		<0.001	
8/15/2016					<0.001
8/16/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	<0.001	<0.001
11/30/2016	<0.001	<0.001		<0.001	
12/1/2016			<0.001		<0.001
2/8/2017	<0.001	<0.001			
2/9/2017			<0.001	<0.001	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017		<0.001			<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.001	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		0.00036 (J)			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	0.00019 (J)
4/1/2021			<0.001		<0.001
4/2/2021		<0.001			
4/5/2021				0.0003 (J)	
4/6/2021	<0.001				
8/11/2021				0.0002 (J)	0.00043 (J)
8/12/2021	<0.001	<0.001	0.00037 (J)		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		
7/24/2025		<0.001			<0.001
7/25/2025	<0.001		<0.001		
7/31/2025				<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		<0.001	<0.001	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	<0.001	<0.001	<0.001	<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001
4/30/2011	<0.001				
10/27/2011	<0.001	<0.001	<0.001	<0.001	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	<0.001		<0.001	<0.001	
11/10/2012				<0.001	<0.001
11/11/2012	<0.001	<0.001	<0.001		
5/9/2013		<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001				
11/5/2013			<0.001		
11/6/2013		<0.001		<0.001	<0.001
11/7/2013	<0.001				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		<0.001	<0.001	<0.001	<0.001
11/13/2014	<0.001				
5/23/2015	<0.001	<0.001	<0.001		<0.001
5/24/2015				<0.001	
11/11/2015	<0.001				
11/12/2015		<0.001	<0.001	<0.001	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
6/21/2016			<0.001	<0.001	<0.001
6/22/2016		<0.001			
8/15/2016		<0.001	<0.001	<0.001	<0.001
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
12/1/2016	<0.001	<0.001	<0.001	<0.001	<0.001
2/8/2017		<0.001	<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
6/20/2017				<0.001	<0.001
6/21/2017	<0.001	<0.001	<0.001		
8/15/2017	<0.001				
9/1/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	0.00081 (J)				
8/11/2021				<0.001	<0.001
8/12/2021	0.00043 (J)	0.00016 (J)			
8/17/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	<0.001			<0.001	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001
7/30/2025				<0.001	<0.001
7/31/2025	<0.001	<0.001			
8/1/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			<0.001	<0.001	<0.001
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
6/21/2016	<0.001	<0.001			
8/11/2016			<0.001	<0.001	<0.001
8/15/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
11/29/2016			<0.001	<0.001	
11/30/2016					<0.001
12/1/2016	<0.001	<0.001			
2/7/2017		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		<0.001
6/20/2017		<0.001			
6/21/2017			<0.001	<0.001	<0.001
6/22/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	<0.001				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				0.00032 (J)	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001
7/28/2025			<0.001		<0.001
7/30/2025	<0.001			<0.001	
7/31/2025		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			0.0024 (J)		
5/9/2010	<0.005	0.0049 (J)			
5/11/2010				0.012	0.0078 (J)
6/16/2010		0.0054 (J)	0.002 (J)		
6/17/2010				0.0082 (J)	
6/18/2010	<0.005				
6/19/2010					<0.01
7/26/2010			<0.01		
7/27/2010		0.0055 (J)		0.0096 (J)	0.0096 (J)
7/28/2010	<0.005				
9/7/2010		0.005 (J)	0.0026 (J)		
9/9/2010	<0.005			0.0098 (J)	0.0095 (J)
4/28/2011				0.0085 (J)	0.01
4/29/2011		0.005 (J)	0.0036 (J)		
4/30/2011	<0.005				
10/28/2011	<0.005	0.0081 (J)	<0.01		0.014
10/29/2011				0.011	
5/2/2012	<0.005	0.0059 (J)	0.003 (J)		
5/3/2012				0.013	0.013
11/9/2012	<0.005	0.0062 (J)	0.0081 (J)	0.013	0.012
5/8/2013	<0.005	0.0079 (J)	<0.01		
5/9/2013				0.012	0.012
11/5/2013	<0.005			0.015	0.014
11/6/2013		0.0068 (J)	0.0032 (J)		
5/20/2014	<0.005	0.0074 (J)	0.0036 (J)		
5/22/2014					0.013
5/23/2014				0.015	
11/8/2014		0.0097 (J)	0.0065 (J)		
11/12/2014	0.0035 (J)				
11/13/2014				0.02	0.016
5/22/2015	<0.005	0.0085 (J)	<0.01		
5/23/2015				0.018	
5/24/2015					0.014
11/9/2015		<0.01	0.0047 (J)		
11/11/2015	<0.005			0.018	0.014
4/6/2016	<0.005	0.00726 (J)	0.00424 (J)		
4/12/2016				0.0173	0.0155
10/4/2016	0.0031	0.013		0.021	0.017
10/5/2016			0.0049		
4/4/2017	<0.005	0.0046	0.0048		
4/5/2017				0.017	
4/6/2017					0.015
10/4/2017	0.0021 (J)			0.02	0.015
10/5/2017		0.0071	0.0024 (J)		
3/20/2018	<0.005	0.0067	0.0041	0.016	0.014
10/2/2018	<0.005	0.0069	0.004	0.017	0.015
3/26/2019	<0.005	0.007	0.0051	0.017	0.016
9/10/2019	0.0022	0.01	0.0091	0.02	0.018
3/18/2020	0.0011	0.0078	0.0051	0.02	0.016
9/9/2020	<0.005	0.0072	0.0053	0.018	0.014
4/1/2021	<0.005	0.0078	0.005	0.019	0.014
8/11/2021	<0.005	0.0082	0.0055		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					0.016
8/18/2021				0.018	
2/15/2022	<0.005	0.0077	0.0052	0.018	0.016
8/24/2022			0.0051	0.017	
8/25/2022	<0.005	0.0079			
8/26/2022					0.015
2/27/2023				0.019	0.016
2/28/2023	0.0011	0.0087	0.0057		
8/3/2023	<0.005	0.0086	0.0041		
8/9/2023				0.019	0.016
2/28/2024		0.0087	0.0056		
3/1/2024				0.018	0.015
3/4/2024	0.00066 (J)				
8/6/2024	<0.005	0.0082	0.0055	0.019	0.016
2/25/2025	<0.005	0.0069		0.017	0.013
2/26/2025			0.011		
7/24/2025	<0.005	0.0079	0.0058		
7/25/2025				0.017	
7/31/2025					0.014

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					0.011
5/11/2010	0.0046 (J)	0.0068 (J)	0.0038 (J)	0.0055 (J)	
6/17/2010	0.0046 (J)	0.0079 (J)			
6/18/2010			0.0044 (J)	0.0071 (J)	0.017
7/27/2010			0.0054 (J)	0.0085 (J)	
7/28/2010	0.019 (O)	0.0077 (J)			0.012
9/7/2010	0.0072 (J)				
9/8/2010		0.0077 (J)			
9/9/2010			0.0053 (J)	0.0088 (J)	0.013
4/28/2011		0.0099 (J)			
4/29/2011	0.0052 (J)		0.0039 (J)		
4/30/2011				0.0094 (J)	0.012
10/28/2011	0.0059 (J)		<0.0025		
10/29/2011		0.006 (J)		0.009 (J)	0.013
5/3/2012	0.0049 (J)	0.0084 (J)			
5/4/2012			<0.0025	0.0084 (J)	0.012
11/9/2012	0.007 (J)				
11/10/2012		0.0061 (J)	0.0035 (J)	0.0089 (J)	0.012
5/9/2013			0.004 (J)	0.0071 (J)	0.013
5/10/2013	0.0094 (J)	0.009 (J)			
11/6/2013	0.0059 (J)	0.0089 (J)	0.0034 (J)		
11/7/2013				0.0094 (J)	0.014
5/21/2014				0.0082 (J)	0.013
5/22/2014	0.0057 (J)	0.0084 (J)	0.0047 (J)		
11/9/2014	0.0069 (J)	0.0076 (J)	0.0067 (J)	0.013	
11/12/2014					0.015
5/22/2015	0.006 (J)	0.011			
5/24/2015			0.0033 (J)	0.009 (J)	0.015
11/10/2015	0.011				
11/11/2015		0.0034 (J)	<0.0025	0.0052 (J)	0.0055 (J)
4/12/2016	0.00503 (J)	0.00654 (J)		0.00896 (J)	
4/13/2016					0.0127
4/19/2016			<0.0025		
10/5/2016	0.0072				
10/6/2016		0.0086	<0.0025	0.009	0.012
4/6/2017	0.0056	0.0073	0.0018 (J)	0.0089	
4/7/2017					0.013
10/5/2017	0.0061		<0.0025		
10/6/2017		0.0087		0.011	0.015
3/21/2018	0.0097	0.0058		0.0077	
3/22/2018			0.0018 (J)		0.012
10/3/2018	0.0053	0.006	0.0018 (J)	0.0081	
10/4/2018					0.012
3/26/2019	0.0076	0.011		0.012	
3/27/2019			0.002 (J)		0.013
9/10/2019	0.0078	0.0086			
9/11/2019			0.0047	0.012	0.015
3/18/2020	0.0051		0.002	0.0099	
3/19/2020		0.0065			0.014
9/9/2020			0.002		
9/10/2020	0.0061	0.0068		0.0094	0.014
4/1/2021			0.0027		0.014

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		0.0081			
4/5/2021				0.0091	
4/6/2021	0.0075				
8/11/2021				0.0099	0.013
8/12/2021	0.0087	0.007	0.0021		
2/15/2022	0.0064	0.0059	0.0026	0.0094	0.013
8/25/2022	0.0072	0.0059	0.0026	0.011	0.014
2/27/2023		0.0056		0.0097	0.014
2/28/2023	0.0066		0.003		
8/8/2023		0.0056	0.0018 (J)	0.0094	0.012
8/9/2023	0.0057				
2/29/2024		0.0049	0.0029	0.0093	0.013
3/4/2024	0.0051				
8/6/2024			0.0023		0.013
8/7/2024	0.0054	0.0038		0.0091	
2/24/2025				0.011	0.013
2/25/2025	0.0042	0.0041	0.0023		
7/24/2025		0.0043 (J)			0.011
7/25/2025	0.0055		0.0026 (J)		
7/31/2025				0.0086	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	0.013	0.0097 (J)	0.011	0.009 (J)	
6/16/2010		0.01	0.01	0.0089 (J)	
6/18/2010					<0.005
6/19/2010	0.0075 (J)				
7/27/2010		0.012		0.0089 (J)	<0.005
7/28/2010	0.01		0.011		
9/8/2010	0.038	0.013	0.011	0.009 (J)	<0.005
4/29/2011		0.0097 (J)	0.01	0.0082 (J)	<0.005
4/30/2011	0.053 (O)				
10/27/2011	0.016	0.015	0.014	0.009 (J)	
10/28/2011					<0.005
5/3/2012		0.017			<0.005
5/4/2012	0.018		0.0096 (J)	0.0091 (J)	
11/10/2012				0.0096 (J)	<0.005
11/11/2012	0.025	0.017	0.011		
5/9/2013		0.014	0.011	0.01	<0.005
5/10/2013	0.09 (O)				
11/5/2013			0.013		
11/6/2013		0.019		0.01	<0.005
11/7/2013	0.02				
5/20/2014				0.011	<0.005
5/21/2014	0.016	0.016	0.012		
11/12/2014		0.022	0.016	0.012	0.0032 (J)
11/13/2014	0.065 (O)				
5/23/2015	0.032	0.016	0.011		<0.005
5/24/2015				0.012	
11/11/2015	0.033				
11/12/2015		0.015	0.0053 (J)	<0.01	<0.005
4/13/2016		0.0144	0.0124	0.00976 (J)	<0.005
4/19/2016	0.0233				
10/5/2016			0.013	0.013	<0.005
10/6/2016		0.02			
10/10/2016	0.019				
4/5/2017					<0.005
4/6/2017		0.016	0.013	0.011	
4/7/2017	0.0044				
10/5/2017		0.024	0.015	0.013	0.0022 (J)
10/9/2017	0.0047				
3/21/2018		0.018	0.012	0.0098	<0.005
3/22/2018	0.0043				
10/2/2018		0.021	0.012	0.01	<0.005
10/4/2018	<0.005				
3/26/2019					0.0029
3/27/2019	0.003	0.019	0.012	0.012	
9/11/2019	0.0042	0.025	0.017	0.015	0.0052
3/18/2020	0.0031	0.012	0.013	0.011	<0.005
9/9/2020	<0.005	0.022	0.012		
9/10/2020				0.01	<0.005
4/1/2021		0.0095	0.013	0.011	<0.005
4/5/2021	0.0023				
8/11/2021				0.011	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.005	0.02			
8/17/2021			0.026		
10/18/2021			0.013		
2/15/2022	0.00079 (J)	0.017	0.012		
2/16/2022				0.0099	<0.005
8/25/2022	0.0023	0.025	0.011	0.0099	
8/26/2022					<0.005
2/21/2023			0.012		
2/27/2023	0.0019	0.018		0.012	0.0014
8/8/2023	<0.005	0.019			
8/9/2023			0.013	0.0099	<0.005
2/29/2024	<0.005			0.011	<0.005
3/1/2024		0.016	0.013		
8/6/2024	<0.005	0.02	0.01	0.0089	<0.005
2/24/2025	0.002	0.01	0.013	0.011	0.00072 (J)
7/30/2025				0.011	<0.005
7/31/2025	<0.005	0.018			
8/1/2025			0.011		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.002	<0.005			
5/10/2010			0.0052 (J)		
5/11/2010				0.0064 (J)	0.014
6/16/2010			0.0059 (J)	0.0061 (J)	
6/17/2010					0.014
6/18/2010	<0.002	<0.005			
7/26/2010			0.0052 (J)		
7/27/2010				0.006 (J)	0.016
7/28/2010		<0.005			
7/29/2010	<0.002				
9/7/2010			0.0056 (J)	0.0066 (J)	0.017
9/9/2010	<0.002	<0.005			
4/26/2011	<0.002				
4/29/2011			0.005 (J)	0.0066 (J)	0.015
4/30/2011		<0.005			
10/28/2011	<0.002	<0.005	0.0048 (J)	0.0057 (J)	0.016
5/2/2012			0.0057 (J)	0.006 (J)	
5/3/2012		<0.005			0.016
5/4/2012	<0.002				
11/9/2012			0.0057 (J)	0.0073 (J)	
11/10/2012		<0.005			0.018
11/11/2012	<0.002				
5/8/2013	0.0039 (J)	<0.005	0.0069 (J)		
5/9/2013				0.0069 (J)	0.019
11/5/2013		<0.005			
11/6/2013			0.0052 (J)	0.0077 (J)	0.019
11/7/2013	<0.002				
5/20/2014	<0.002	<0.005			
5/22/2014				0.0075 (J)	0.018
5/23/2014			0.0081 (J)		
11/8/2014			0.01	0.0081 (J)	
11/9/2014					0.02
11/12/2014	0.004 (J)	<0.005			
5/22/2015			0.0052 (J)	0.01	0.016
5/24/2015	<0.002	<0.005			
11/10/2015			<0.01	0.0033 (J)	0.01
11/11/2015		<0.005			
11/12/2015	<0.002				
4/11/2016			0.00604 (J)	0.00756 (J)	
4/12/2016					0.019
4/13/2016	<0.002	<0.005			
10/4/2016		0.0026			
10/5/2016			0.0075	0.0084	0.016
10/7/2016	<0.002				
4/5/2017				0.0086	
4/6/2017	<0.002	<0.005	0.0065		0.02
10/5/2017		0.0024 (J)	0.0052	0.0062	0.02
10/6/2017	0.0032				
3/20/2018		<0.005	0.0064	0.0072	
3/21/2018					0.021
3/22/2018	<0.002				
10/2/2018		<0.005	0.0064	0.0073	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.002				0.017
3/26/2019	0.0041	0.0034	0.0094	0.0094	0.018
9/11/2019	0.0062	0.0062	0.011		
9/12/2019				0.0083	0.02
3/18/2020	0.001	<0.005	0.0075		
3/19/2020				0.008	0.019
9/9/2020		<0.005	0.007	0.0071	
9/10/2020	0.0011				0.018
4/1/2021		0.0013	0.0081		
4/5/2021				0.0068	0.017
4/6/2021	0.0028				
8/11/2021	0.0013	0.0012	0.008	0.0076	0.019
2/16/2022	0.0011	0.00091 (J)	0.0066	0.0068	0.018
8/25/2022			0.007	0.0068	0.018
8/26/2022	0.0016	0.0017			
2/27/2023	0.0021	0.002			
2/28/2023			0.0072	0.0078	0.019
8/8/2023				0.007	0.018
8/9/2023	0.0016 (J)	0.00079 (J)	0.0061		
2/29/2024			0.0069	0.0078	
3/1/2024	0.0011 (J)	<0.005			0.019
8/6/2024	<0.002		0.0066	0.0075	0.017
8/8/2024		<0.005			
2/24/2025	0.0022				
2/25/2025		<0.005	0.006	0.0067	0.016
7/28/2025			0.0082		0.02
7/30/2025	0.0013 (J)			<0.005	
7/31/2025		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.01		
5/9/2010	<0.01	<0.01			
5/11/2010				<0.01	<0.01
6/16/2010		<0.01	<0.01		
6/17/2010				<0.01	
6/18/2010	<0.01				
6/19/2010					<0.01
7/26/2010			<0.01		
7/27/2010		<0.01		<0.01	<0.01
7/28/2010	<0.01				
9/7/2010		<0.01	<0.01		
9/9/2010	<0.01			<0.01	<0.01
4/28/2011				<0.01	<0.01
4/29/2011		<0.01	<0.01		
4/30/2011	<0.01				
10/28/2011	<0.01	<0.01	<0.01		<0.01
10/29/2011				<0.01	
5/2/2012	<0.01	<0.01	<0.01		
5/3/2012				<0.01	<0.01
11/9/2012	<0.01	<0.01	<0.01	<0.01	<0.01
5/8/2013	<0.01	<0.01	<0.01		
5/9/2013				<0.01	<0.01
11/5/2013	<0.01			<0.01	<0.01
11/6/2013		<0.01	<0.01		
5/20/2014	<0.01	<0.01	<0.01		
5/22/2014					<0.01
5/23/2014				<0.01	
11/8/2014		<0.01	<0.01		
11/12/2014	<0.01				
11/13/2014				<0.01	<0.01
5/22/2015	<0.01	<0.01	<0.01		
5/23/2015				<0.01	
5/24/2015					<0.01
11/9/2015		<0.01	<0.01		
11/11/2015	<0.01			<0.01	<0.01
4/6/2016	<0.01	<0.01	0.00274 (J)		
4/12/2016				<0.01	<0.01
10/4/2016	<0.01	<0.01		<0.01	<0.01
10/5/2016			0.0073 (J)		
4/4/2017	<0.01	<0.01	<0.01		
4/5/2017				<0.01	
4/6/2017					<0.01
10/4/2017	<0.01			<0.01	<0.01
10/5/2017		<0.01	<0.01		
3/20/2018	<0.01	<0.01	<0.01	<0.01	<0.01
10/2/2018	<0.01	<0.01	<0.01	<0.01	<0.01
3/26/2019	<0.01	<0.01	<0.01	<0.01	<0.01
9/10/2019	0.006	0.0047 (J)	0.0084	0.0038 (J)	0.004 (J)
3/18/2020	<0.01	<0.01	<0.01	<0.01	<0.01
9/9/2020	<0.01	<0.01	<0.01	<0.01	<0.01
4/1/2021	<0.01	<0.01	<0.01	<0.01	0.01
8/11/2021	<0.01	<0.01	<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					<0.01
8/18/2021				<0.01	
2/15/2022	<0.01	<0.01	<0.01	<0.01	<0.01
8/24/2022			<0.01	0.0039 (J)	
8/25/2022	<0.01	<0.01			
8/26/2022					<0.01
2/27/2023				<0.01	<0.01
2/28/2023	<0.01	<0.01	<0.01		
8/3/2023	<0.01	0.0035 (J)	<0.01		
8/9/2023				<0.01	0.0046 (J)
2/28/2024		<0.01	<0.01		
3/1/2024				0.004 (J)	<0.01
3/4/2024	<0.01				
8/6/2024	<0.01	<0.01	<0.01	<0.01	<0.01
2/25/2025	0.0034 (J)	<0.01		<0.01	<0.01
2/26/2025			<0.01		
7/24/2025	<0.01	<0.01	<0.01		
7/25/2025				<0.01	
7/31/2025					<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.01
5/11/2010	0.018 (JO)	<0.01	<0.01	<0.01	
6/17/2010	<0.01	<0.01			
6/18/2010			<0.01	<0.01	<0.01
7/27/2010			<0.01	<0.01	
7/28/2010	0.016 (JO)	<0.01			<0.01
9/7/2010	<0.01				
9/8/2010		<0.01			
9/9/2010			<0.01	<0.01	<0.01
4/28/2011		<0.01			
4/29/2011	<0.01		<0.01		
4/30/2011				<0.01	<0.01
10/28/2011	<0.01		<0.01		
10/29/2011		<0.01		<0.01	<0.01
5/3/2012	<0.01	<0.01			
5/4/2012			<0.01	<0.01	<0.01
11/9/2012	<0.01				
11/10/2012		<0.01	<0.01	<0.01	<0.01
5/9/2013			<0.01	<0.01	<0.01
5/10/2013	<0.01	<0.01			
11/6/2013	<0.01	<0.01	<0.01		
11/7/2013				<0.01	<0.01
5/21/2014				<0.01	<0.01
5/22/2014	<0.01	<0.01	<0.01		
11/9/2014	<0.01	<0.01	<0.01	<0.01	
11/12/2014					<0.01
5/22/2015	<0.01	<0.01			
5/24/2015			<0.01	<0.01	<0.01
11/10/2015	<0.01				
11/11/2015		<0.01	0.0089 (J)	<0.01	<0.01
4/12/2016	<0.01	0.00203 (J)		<0.01	
4/13/2016					<0.01
4/19/2016			0.0133 (O)		
10/5/2016	0.01 (JO)				
10/6/2016		<0.01	<0.01	<0.01	<0.01
4/6/2017	<0.01	<0.01	0.0087 (J)	<0.01	
4/7/2017					<0.01
10/5/2017	<0.01		0.0078 (J)		
10/6/2017		<0.01		<0.01	<0.01
3/21/2018	<0.01	<0.01		<0.01	
3/22/2018			0.0086 (J)		<0.01
10/3/2018	<0.01	<0.01	<0.01	<0.01	
10/4/2018					<0.01
3/26/2019	<0.01	<0.01		<0.01	
3/27/2019			<0.01		<0.01
9/10/2019	0.0069	0.006			
9/11/2019			0.0074	0.0062	0.0074
3/18/2020	<0.01		0.0045 (J)	<0.01	
3/19/2020		<0.01			<0.01
9/9/2020			<0.01		
9/10/2020	<0.01	<0.01		<0.01	<0.01
4/1/2021			<0.01		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		<0.01			
4/5/2021				<0.01	
4/6/2021	<0.01				
8/11/2021				<0.01	<0.01
8/12/2021	0.0035 (J)	<0.01	0.0034 (J)		
2/15/2022	<0.01	<0.01	0.0034 (J)	<0.01	0.0037 (J)
8/25/2022	<0.01	<0.01	<0.01	<0.01	<0.01
2/27/2023		<0.01		<0.01	<0.01
2/28/2023	<0.01		<0.01		
8/8/2023		<0.01	<0.01	<0.01	<0.01
8/9/2023	<0.01				
2/29/2024		<0.01	<0.01	<0.01	<0.01
3/4/2024	<0.01				
8/6/2024			<0.01		<0.01
8/7/2024	0.0028 (J)	<0.01		<0.01	
2/24/2025				<0.01	<0.01
2/25/2025	<0.01	<0.01	<0.01		
7/24/2025		<0.01			<0.01
7/25/2025	<0.01		<0.01		
7/31/2025				<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.01
5/10/2010	<0.01	<0.01	<0.01	<0.01	
6/16/2010		<0.01	<0.01	<0.01	
6/18/2010					<0.01
6/19/2010	0.0081 (J)				
7/27/2010		<0.01		<0.01	<0.01
7/28/2010	0.017 (J)		<0.01		
9/8/2010	0.085	<0.01	<0.01	<0.01	<0.01
4/29/2011		<0.01	<0.01	<0.01	<0.01
4/30/2011	0.13 (O)				
10/27/2011	0.03	<0.01	<0.01	<0.01	
10/28/2011					<0.01
5/3/2012		<0.01			<0.01
5/4/2012	0.029		<0.01	<0.01	
11/10/2012				<0.01	<0.01
11/11/2012	0.046	<0.01	<0.01		
5/9/2013		<0.01	<0.01	<0.01	<0.01
5/10/2013	0.23 (O)				
11/5/2013			<0.01		
11/6/2013		<0.01		<0.01	<0.01
11/7/2013	0.028				
5/20/2014				<0.01	<0.01
5/21/2014	0.015 (J)	<0.01	<0.01		
11/12/2014		<0.01	<0.01	<0.01	<0.01
11/13/2014	0.13 (O)				
5/23/2015	0.059	<0.01	<0.01		<0.01
5/24/2015				<0.01	
11/11/2015	0.079				
11/12/2015		<0.01	<0.01	<0.01	<0.01
4/13/2016		<0.01	<0.01	0.00241 (J)	0.00409 (J)
4/19/2016	0.0218				
10/5/2016			<0.01	<0.01	<0.01
10/6/2016		<0.01			
10/10/2016	0.013 (J)				
4/5/2017					<0.01
4/6/2017		<0.01	<0.01	<0.01	
4/7/2017	<0.01				
10/5/2017		<0.01	<0.01	<0.01	<0.01
10/9/2017	<0.01				
3/21/2018		<0.01	<0.01	0.007 (J)	<0.01
3/22/2018	<0.01				
10/2/2018		<0.01	<0.01	0.022 (O)	<0.01
10/4/2018	<0.01				
3/26/2019					<0.01
3/27/2019	<0.01	<0.01	<0.01	<0.01	
9/11/2019	0.0052	0.0037 (J)	0.004 (J)	0.0072	0.0065
3/18/2020	<0.01	<0.01	<0.01	<0.01	0.005
9/9/2020	<0.01	<0.01	<0.01		
9/10/2020				0.018	0.0037 (J)
4/1/2021		<0.01	<0.01	0.0034 (J)	<0.01
4/5/2021	<0.01				
8/11/2021				<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.01	<0.01			
8/17/2021			0.013		
10/18/2021			<0.01		
2/15/2022	<0.01	<0.01	<0.01		
2/16/2022				0.0034 (J)	0.0032 (J)
8/25/2022	<0.01	<0.01	<0.01	<0.01	
8/26/2022					<0.01
2/21/2023			<0.01		
2/27/2023	0.016	<0.01		<0.01	<0.01
8/8/2023	<0.01	<0.01			
8/9/2023			<0.01	<0.01	<0.01
2/29/2024	<0.01			0.0036 (J)	<0.01
3/1/2024		<0.01	<0.01		
8/6/2024	<0.01	<0.01	<0.01	0.0033 (J)	0.0028 (J)
2/24/2025	<0.01	<0.01	0.0097	0.0031 (J)	0.0029 (J)
7/30/2025				<0.01	<0.01
7/31/2025	<0.01	<0.01			
8/1/2025			<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.01	<0.01			
5/10/2010			<0.01		
5/11/2010				<0.01	<0.01
6/16/2010			<0.01	<0.01	
6/17/2010					<0.01
6/18/2010	<0.01	<0.01			
7/26/2010			<0.01		
7/27/2010				<0.01	<0.01
7/28/2010		<0.01			
7/29/2010	<0.01				
9/7/2010			<0.01	<0.01	<0.01
9/9/2010	<0.01	<0.01			
4/26/2011	<0.01				
4/29/2011			<0.01	<0.01	<0.01
4/30/2011		<0.01			
10/28/2011	<0.01	<0.01	<0.01	<0.01	<0.01
5/2/2012			<0.01	<0.01	
5/3/2012		<0.01			<0.01
5/4/2012	<0.01				
11/9/2012			<0.01	<0.01	
11/10/2012		<0.01			<0.01
11/11/2012	<0.01				
5/8/2013	<0.01	<0.01	<0.01		
5/9/2013				<0.01	<0.01
11/5/2013		<0.01			
11/6/2013			<0.01	<0.01	<0.01
11/7/2013	<0.01				
5/20/2014	<0.01	<0.01			
5/22/2014				<0.01	<0.01
5/23/2014			<0.01		
11/8/2014			<0.01	<0.01	
11/9/2014					<0.01
11/12/2014	<0.01	<0.01			
5/22/2015			<0.01	<0.01	<0.01
5/24/2015	<0.01	<0.01			
11/10/2015			<0.01	<0.01	<0.01
11/11/2015		<0.01			
11/12/2015	<0.01				
4/11/2016			<0.01	<0.01	
4/12/2016					<0.01
4/13/2016	0.00289 (J)	<0.01			
10/4/2016		<0.01			
10/5/2016			<0.01	0.0085 (JO)	<0.01
10/7/2016	<0.01				
4/5/2017				<0.01	
4/6/2017	<0.01	<0.01	<0.01		<0.01
10/5/2017		<0.01	<0.01	<0.01	<0.01
10/6/2017	0.0071 (J)				
3/20/2018		<0.01	<0.01	<0.01	
3/21/2018					<0.01
3/22/2018	<0.01				
10/2/2018		<0.01	<0.01	<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.01				<0.01
3/26/2019	<0.01	<0.01	<0.01	<0.01	<0.01
9/11/2019	0.0085	0.0038 (J)	0.0077		
9/12/2019				0.0059	0.0065
3/18/2020	0.0052	<0.01	<0.01		
3/19/2020				<0.01	<0.01
9/9/2020		<0.01	<0.01	<0.01	
9/10/2020	0.0038 (J)				<0.01
4/1/2021		<0.01	<0.01		
4/5/2021				<0.01	<0.01
4/6/2021	0.004 (J)				
8/11/2021	<0.01	<0.01	<0.01	<0.01	<0.01
2/16/2022	0.004 (J)	<0.01	<0.01	<0.01	<0.01
8/25/2022			<0.01	<0.01	0.0063
8/26/2022	<0.01	<0.01			
2/27/2023	<0.01	<0.01			
2/28/2023			<0.01	<0.01	<0.01
8/8/2023				<0.01	<0.01
8/9/2023	0.0031 (J)	<0.01	<0.01		
2/29/2024			0.0032 (J)	<0.01	
3/1/2024	<0.01	0.024			<0.01
5/7/2024		<0.01			
8/6/2024	0.003 (J)		<0.01	<0.01	<0.01
8/8/2024		<0.01			
2/24/2025	0.0036 (J)				
2/25/2025		<0.01	0.003 (J)	<0.01	<0.01
7/28/2025			<0.01		<0.01
7/30/2025	<0.01			0.014	
7/31/2025		<0.01			
10/20/2025				<0.01 (R)	

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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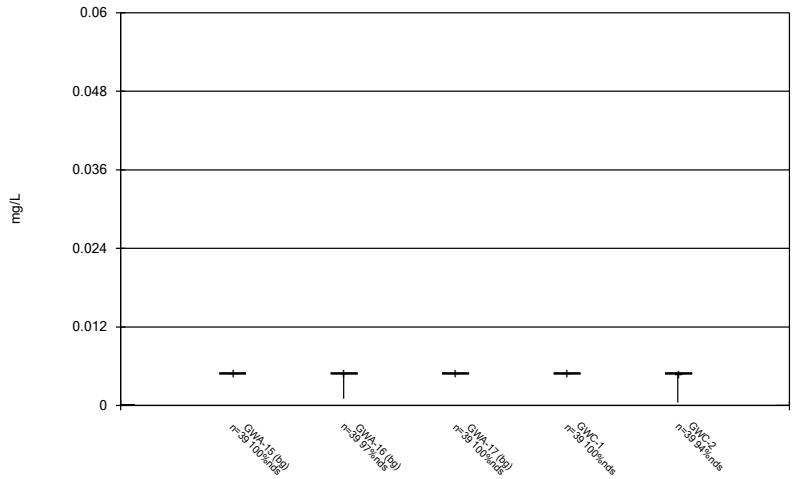
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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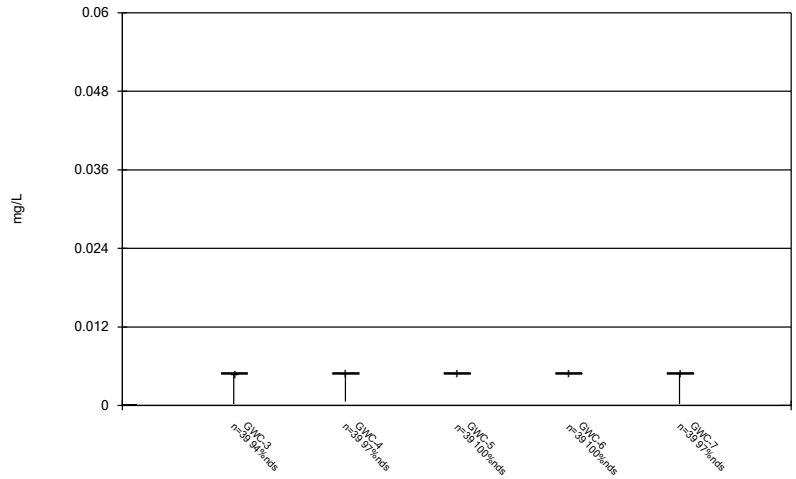
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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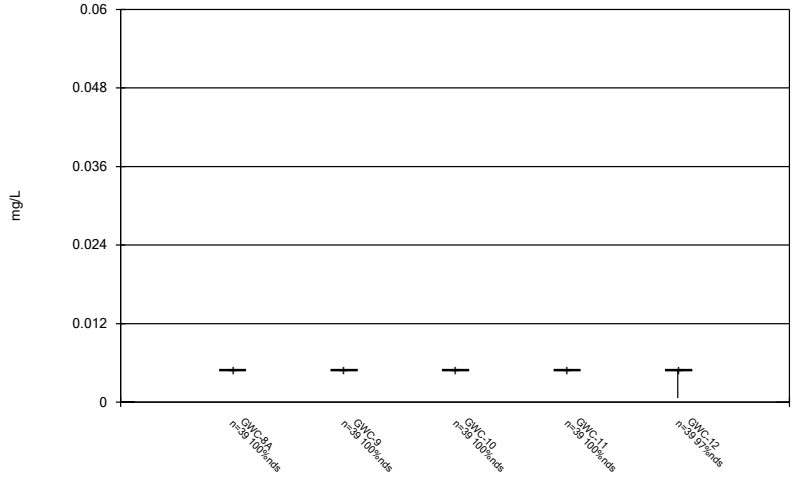
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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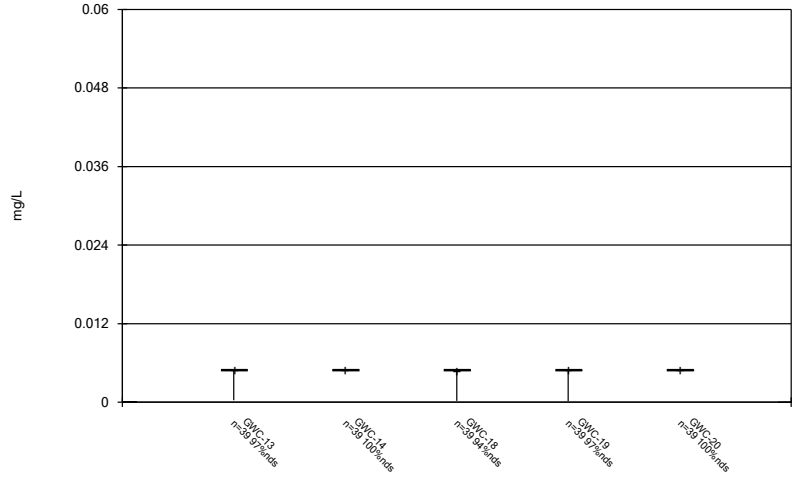
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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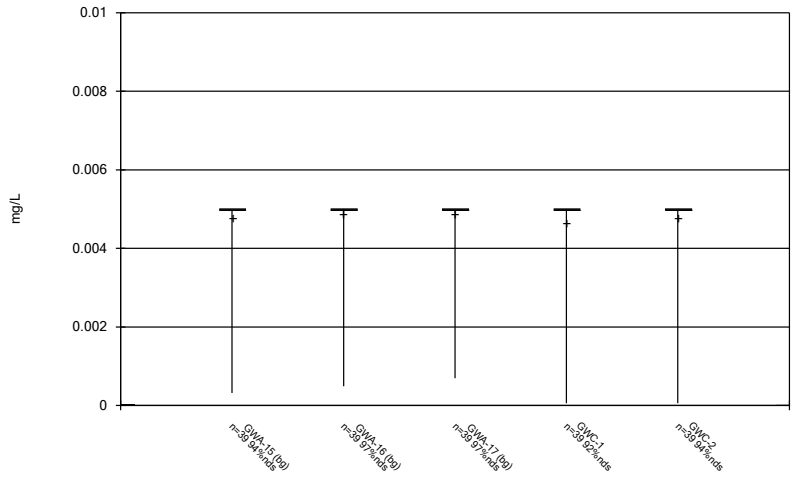
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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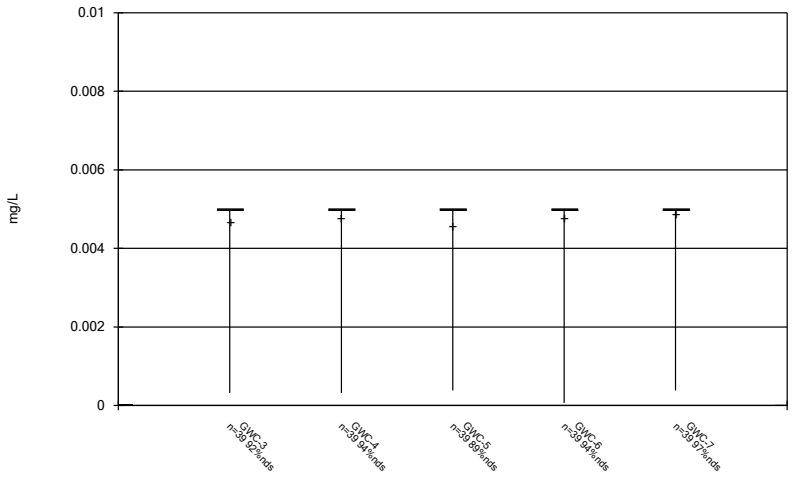
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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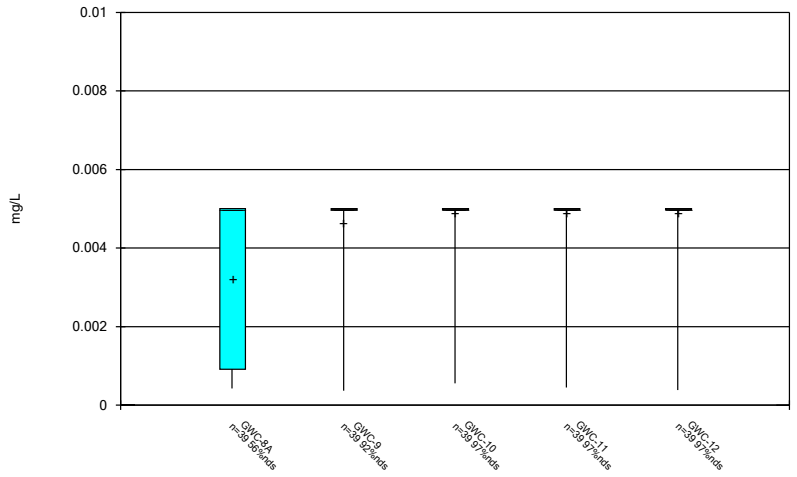
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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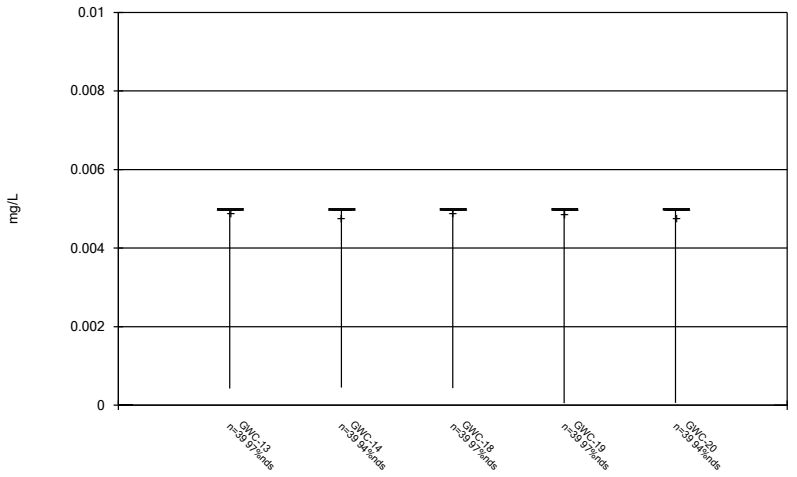
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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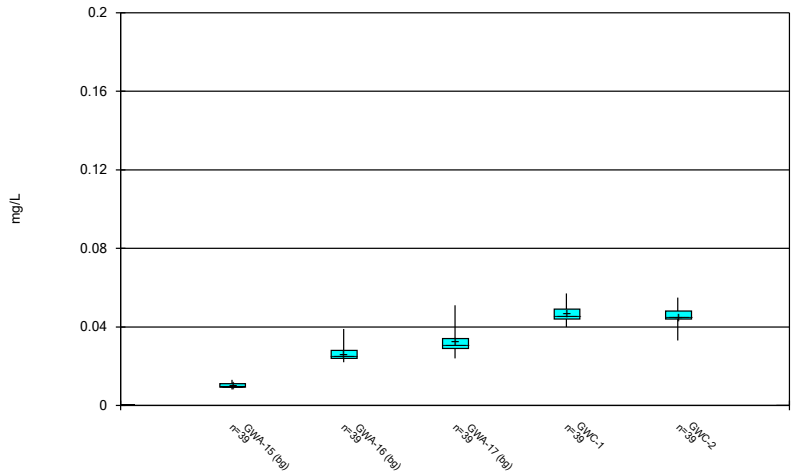
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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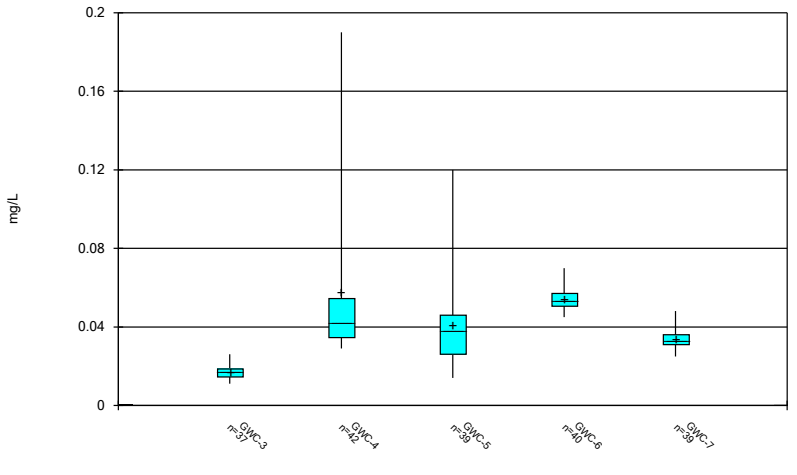
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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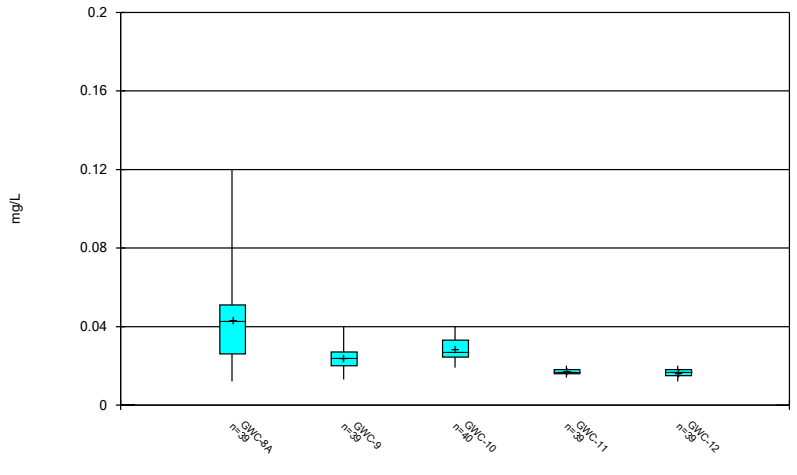
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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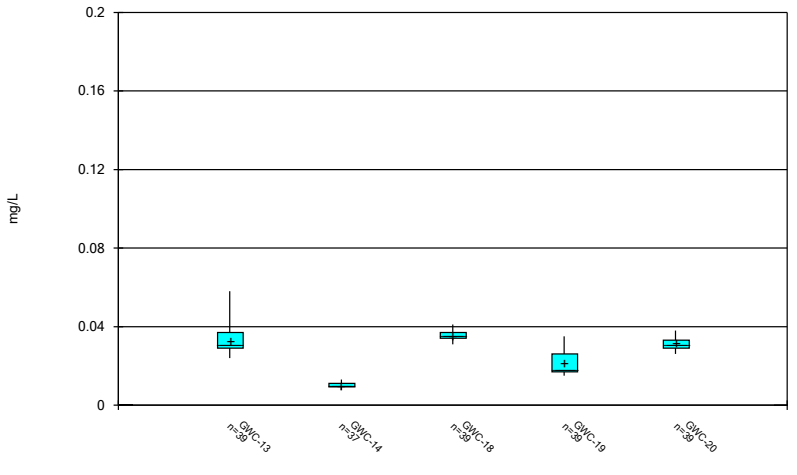
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/11/2025 1:42 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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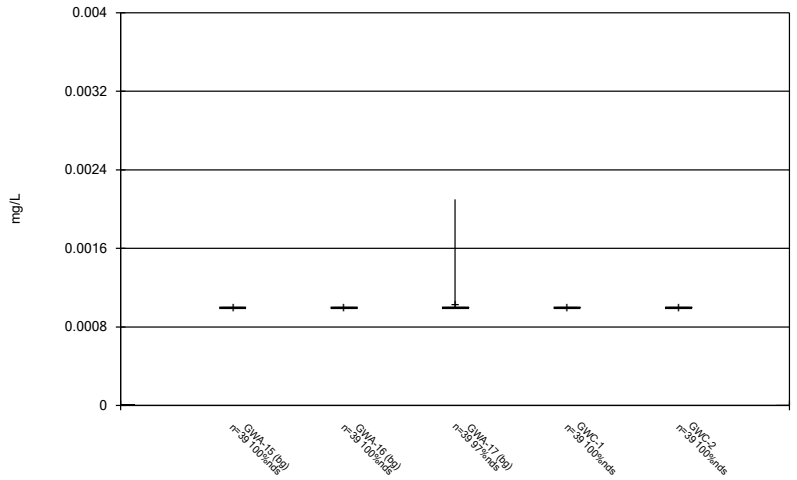
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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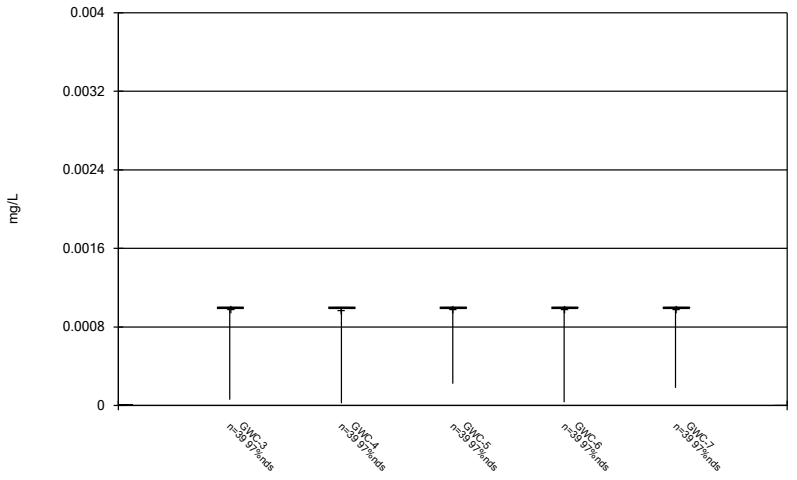
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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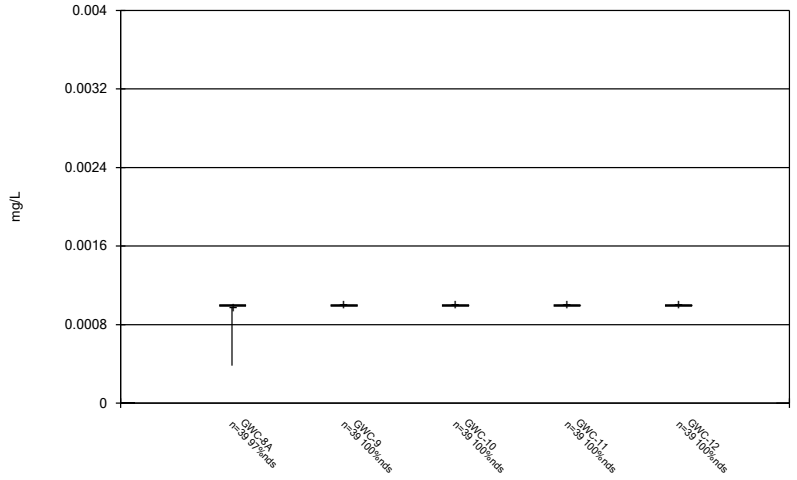
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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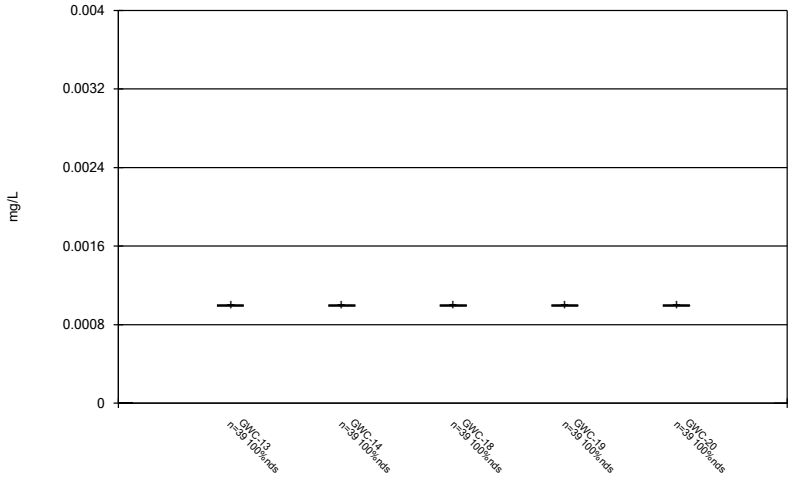
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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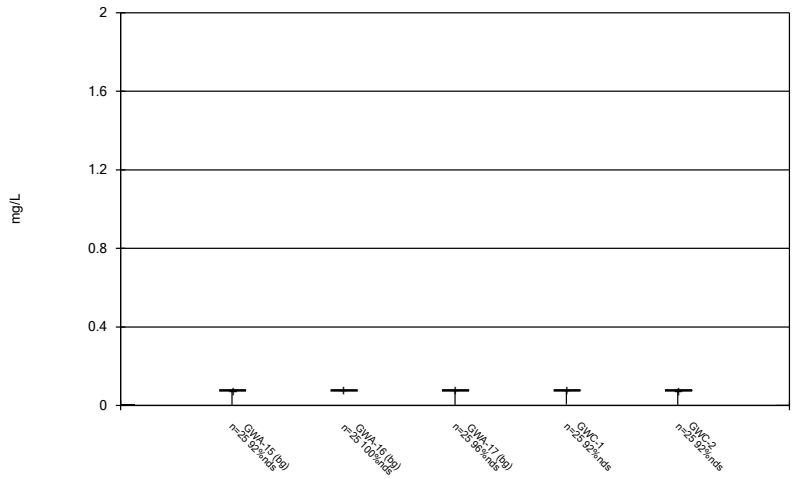
Box & Whiskers Plot



Constituent: Boron Analysis Run 12/11/2025 1:42 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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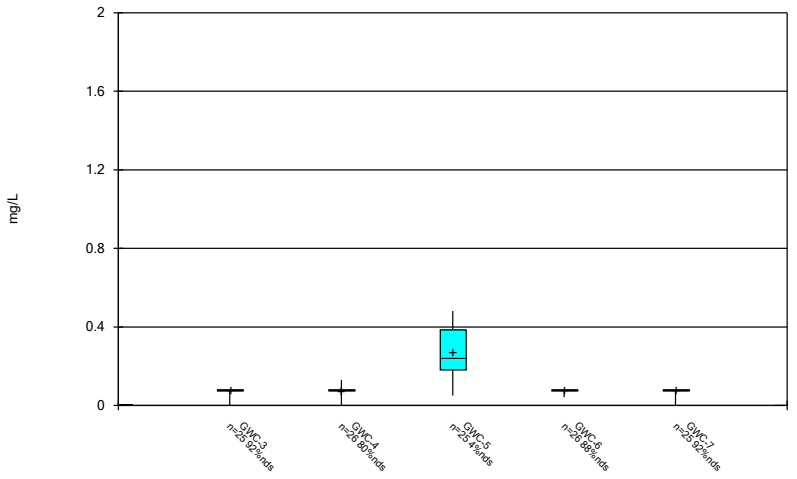
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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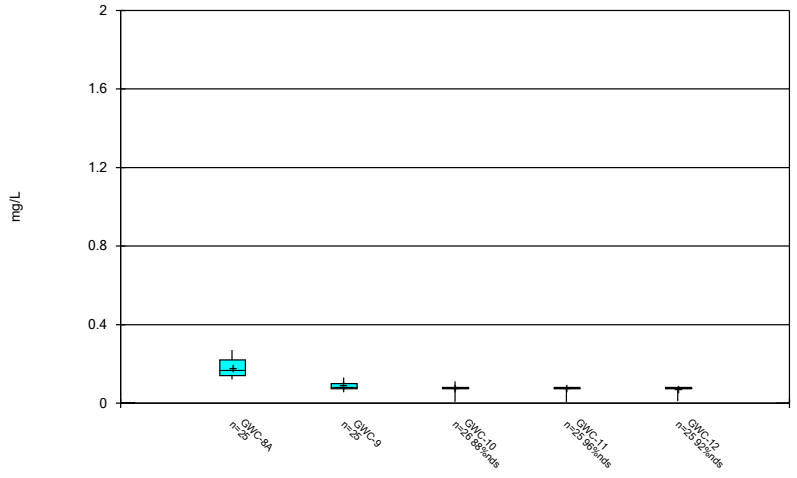
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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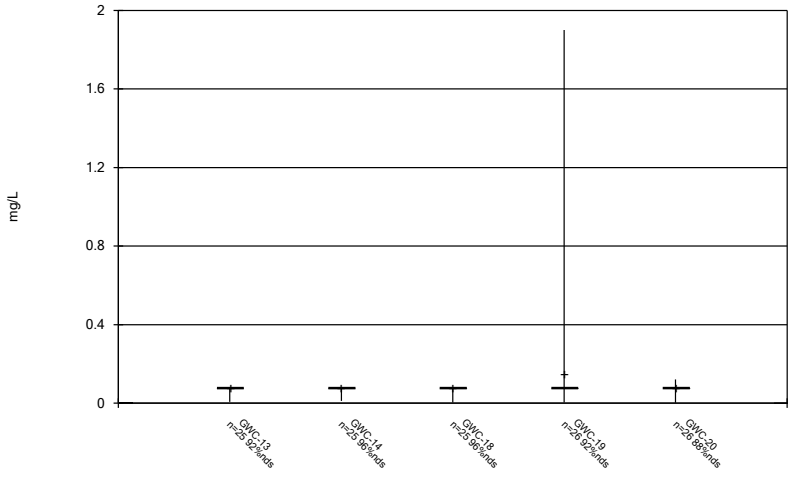
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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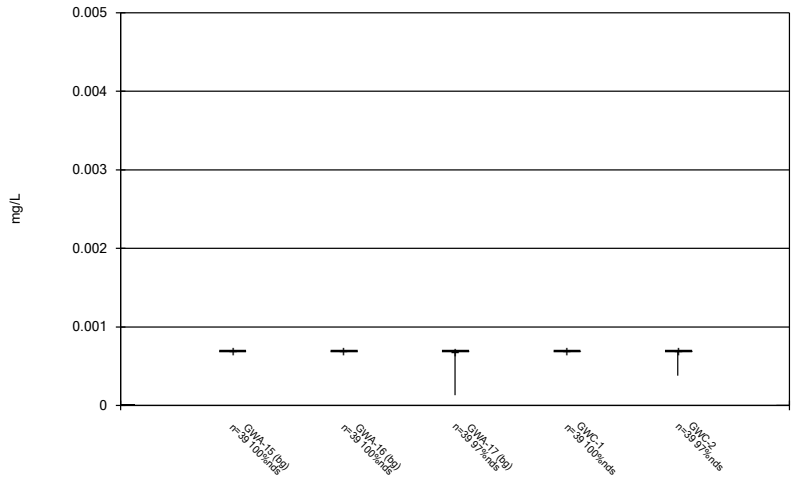
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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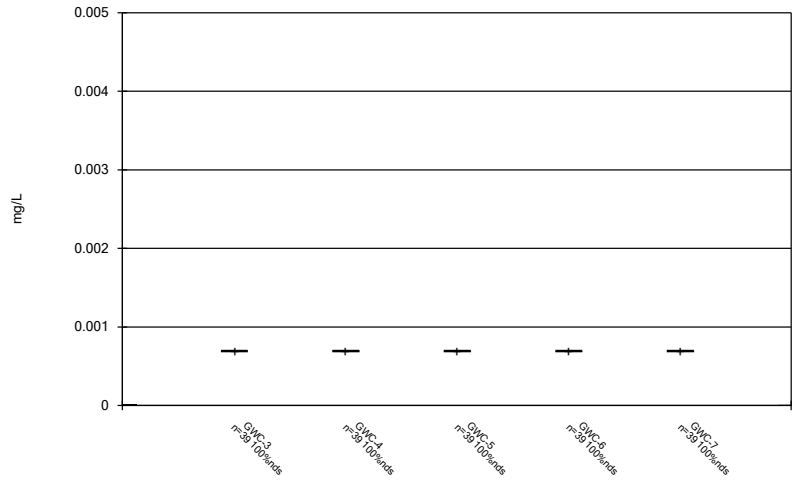
Box & Whiskers Plot



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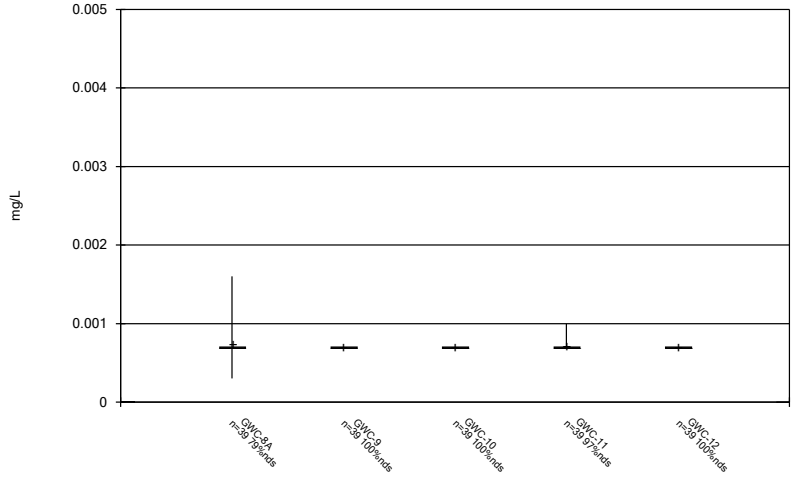
Box & Whiskers Plot



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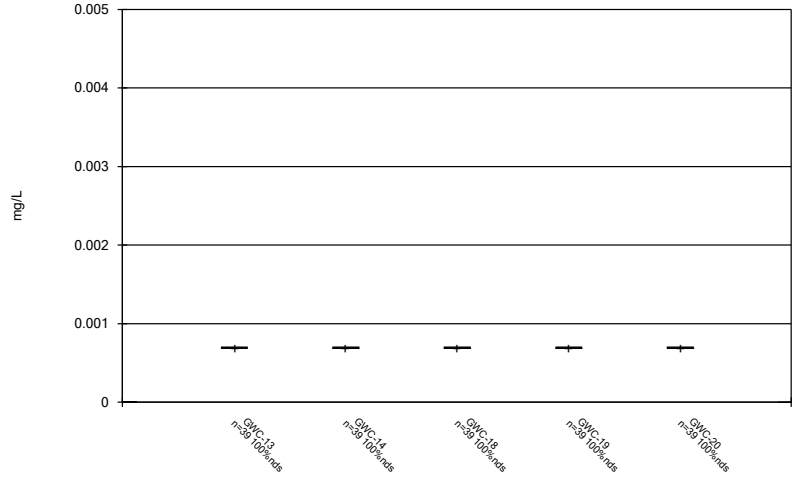
Box & Whiskers Plot



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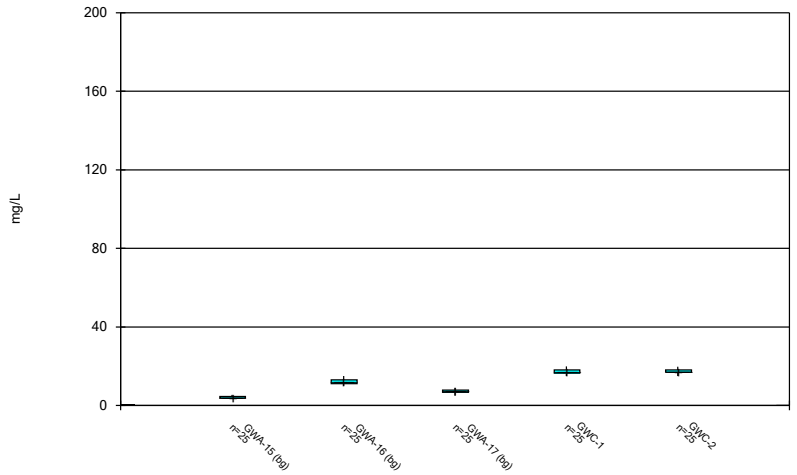
Box & Whiskers Plot



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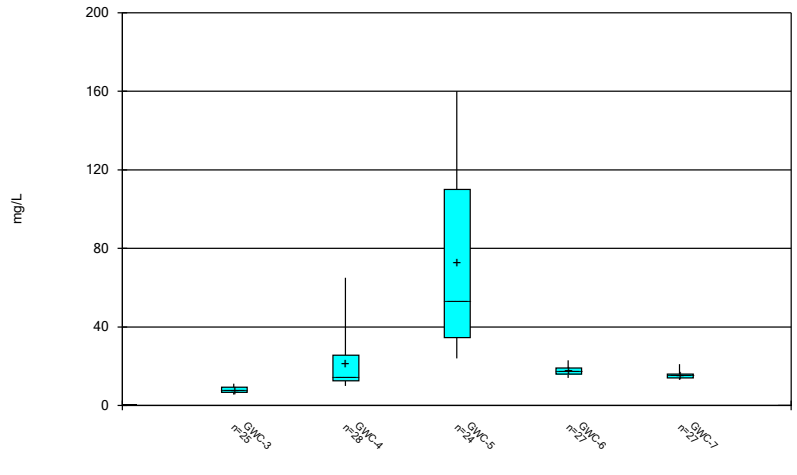
Box & Whiskers Plot



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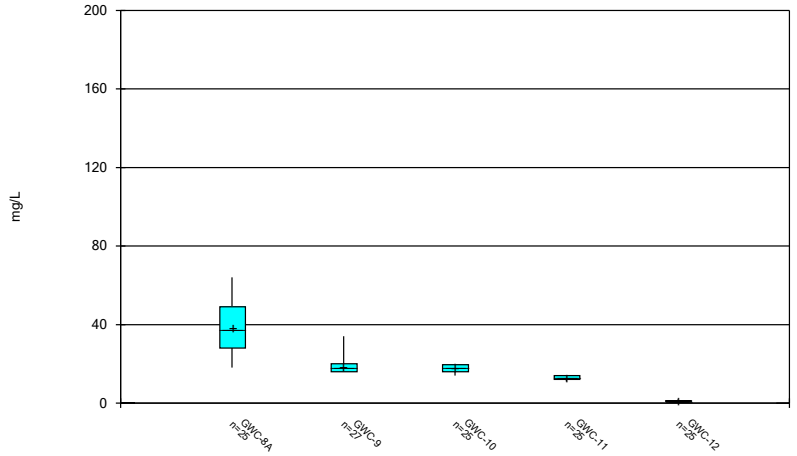

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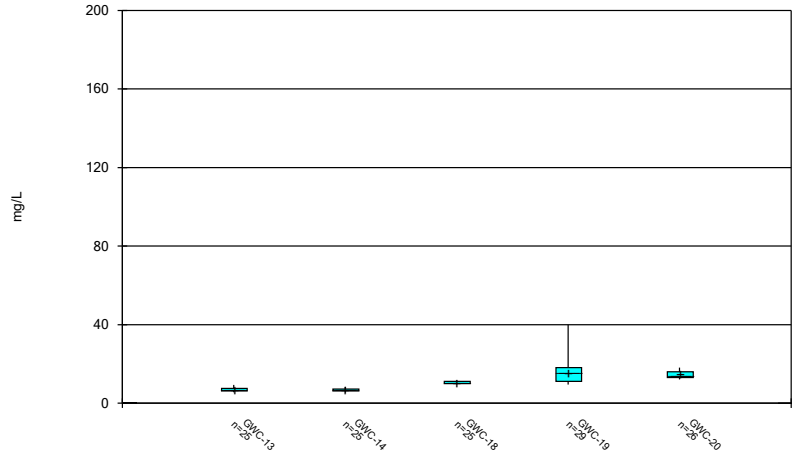

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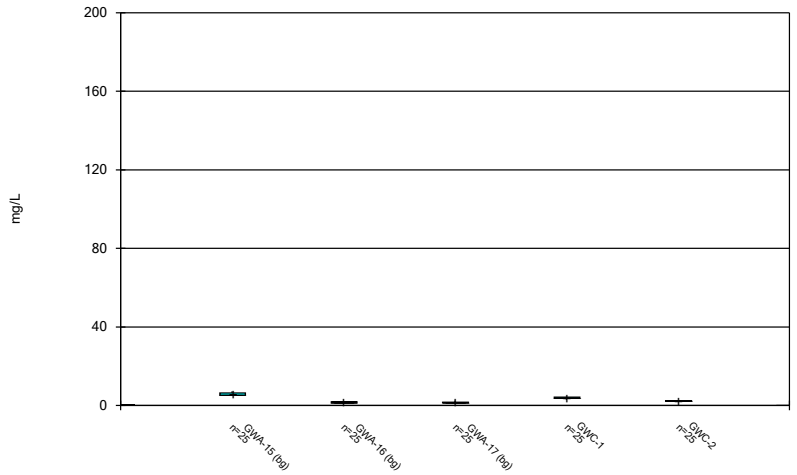
Box & Whiskers Plot



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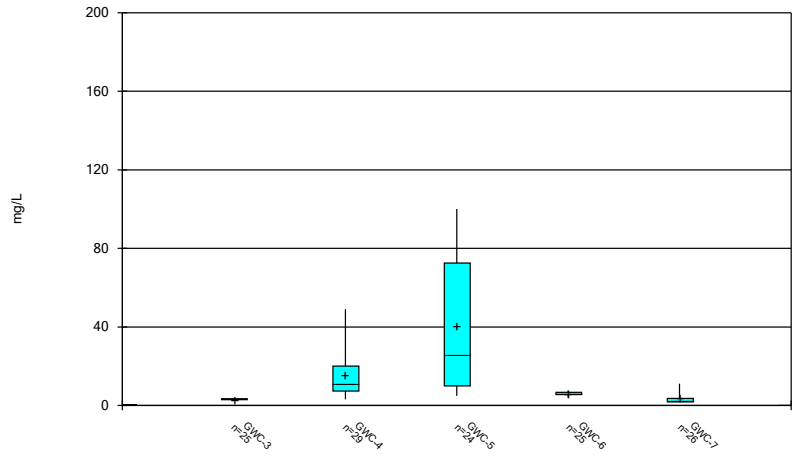
Box & Whiskers Plot



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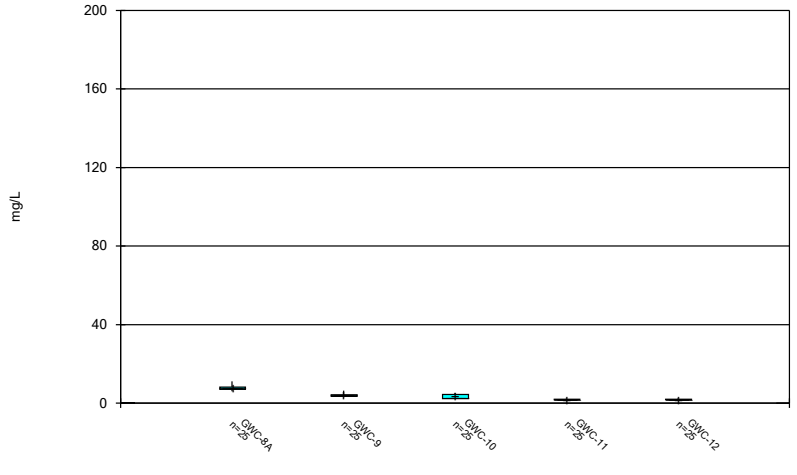
Box & Whiskers Plot



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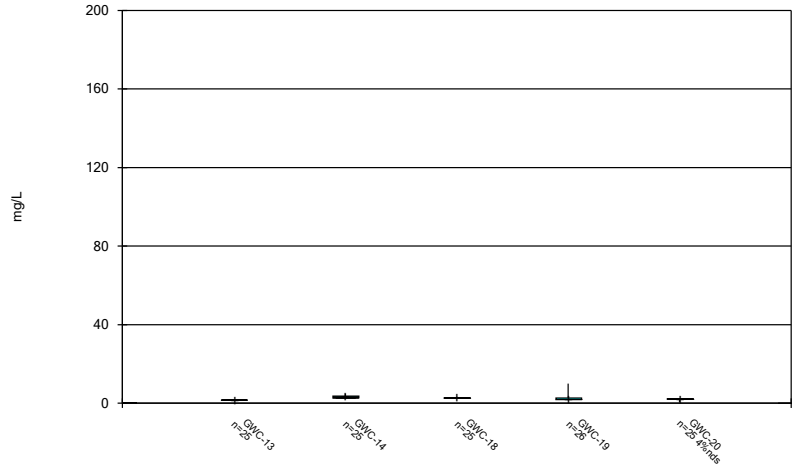

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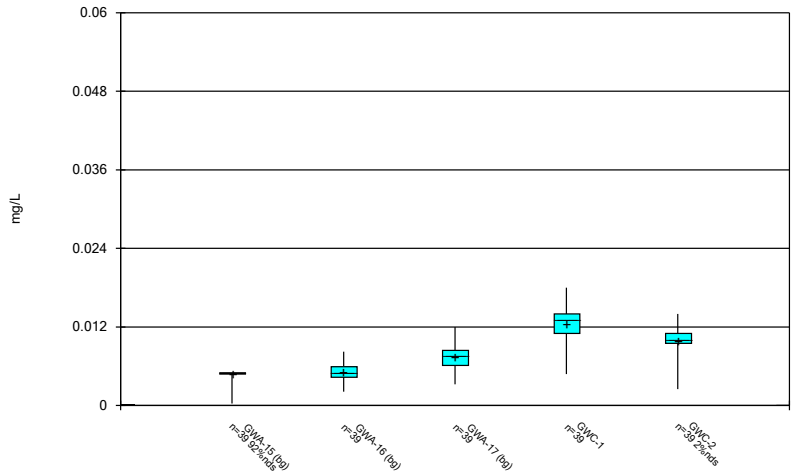
Box & Whiskers Plot



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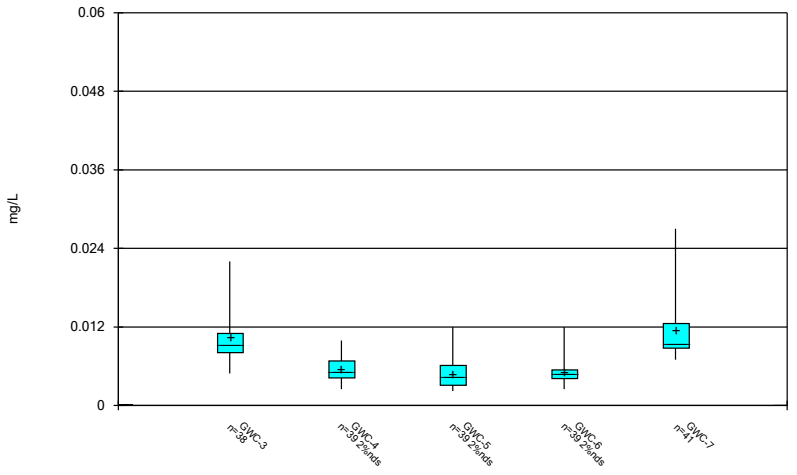
Box & Whiskers Plot



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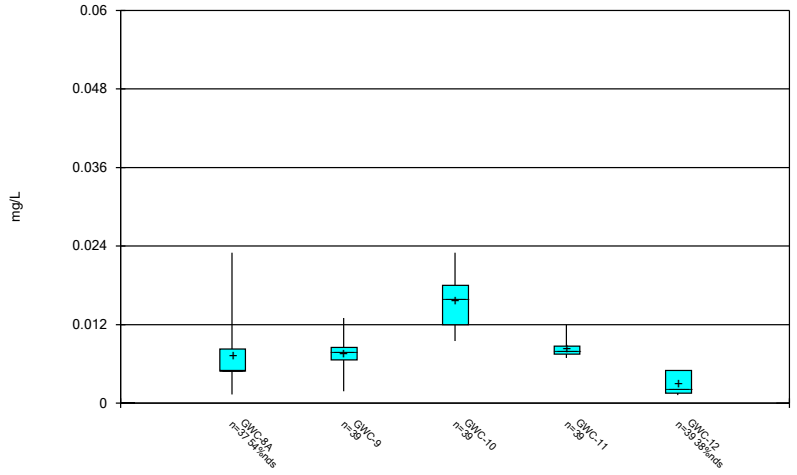
Box & Whiskers Plot



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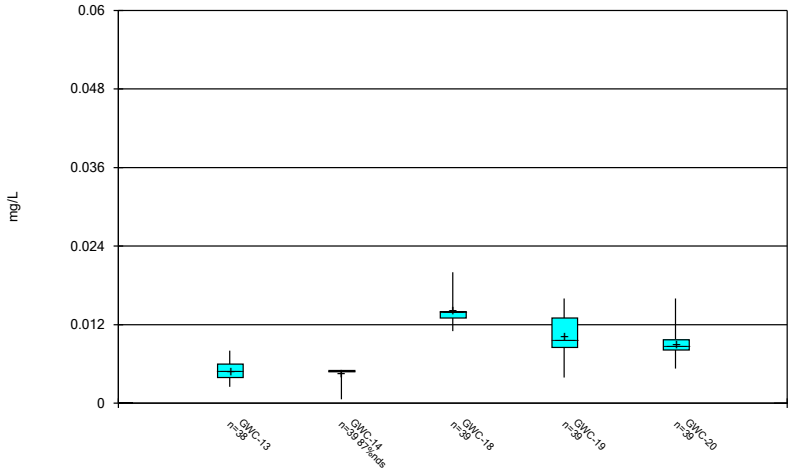
Box & Whiskers Plot



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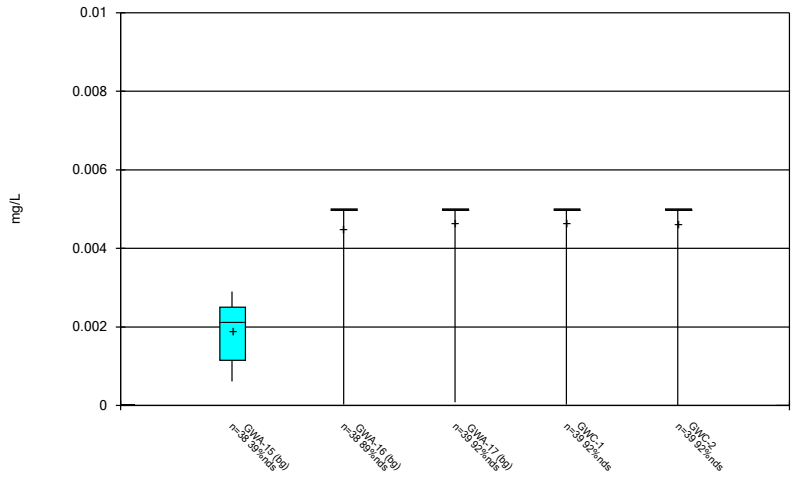
Box & Whiskers Plot



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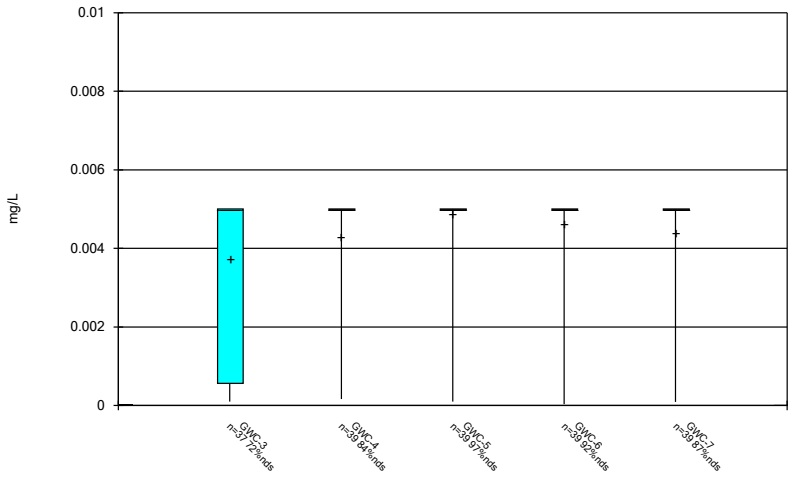
Box & Whiskers Plot



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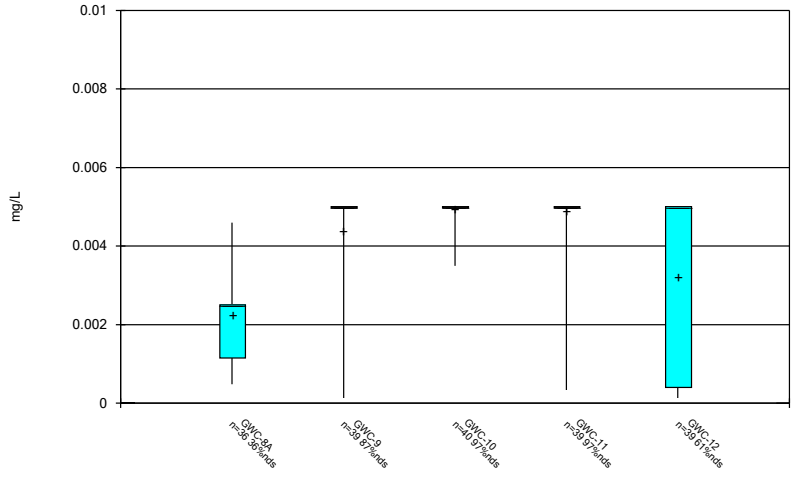
Box & Whiskers Plot



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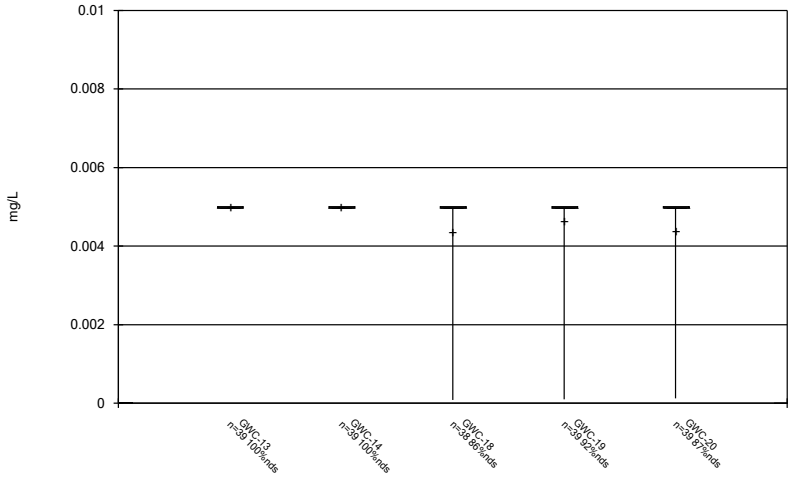

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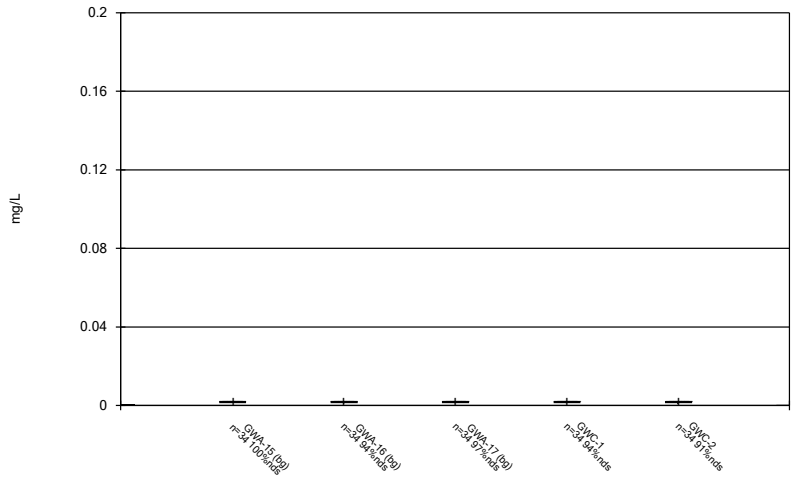
Box & Whiskers Plot



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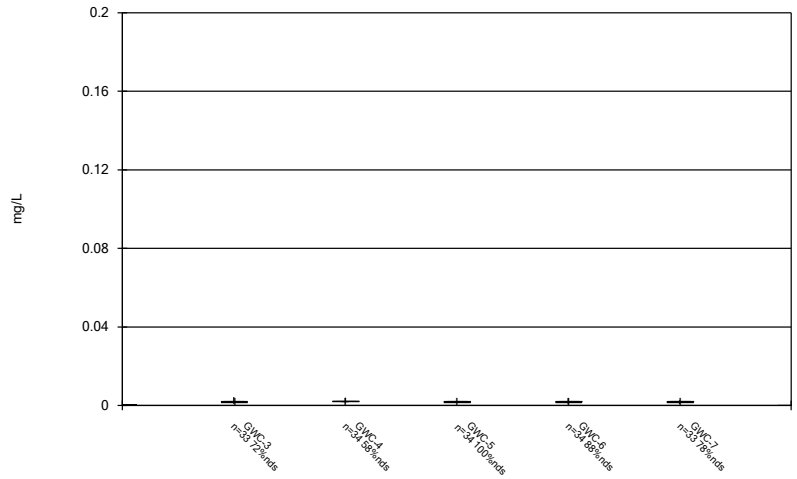
Box & Whiskers Plot



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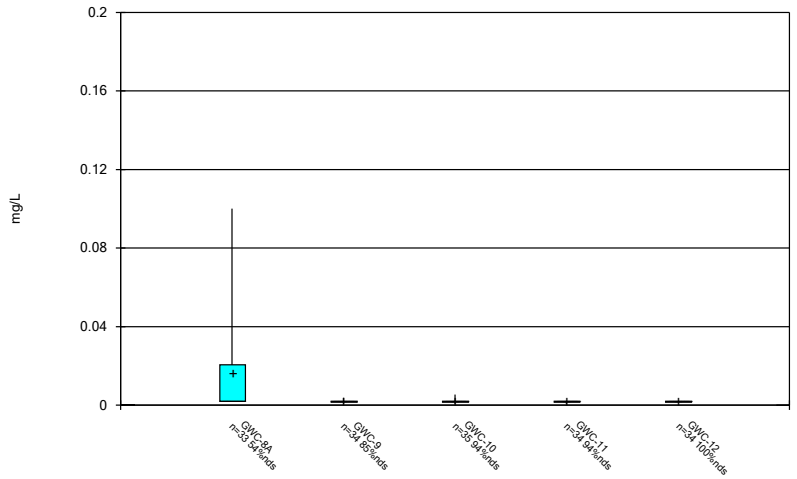
Box & Whiskers Plot



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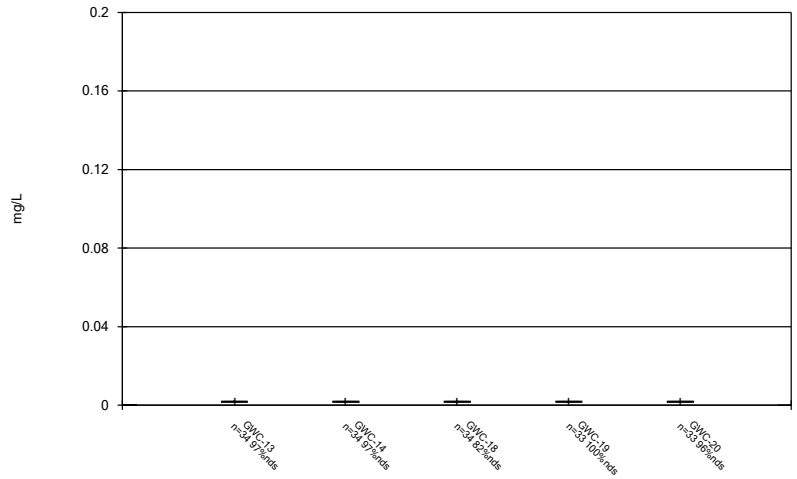

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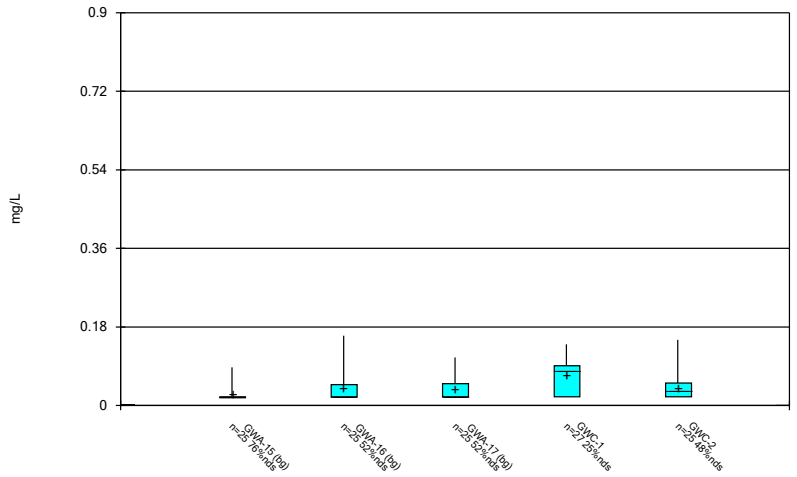

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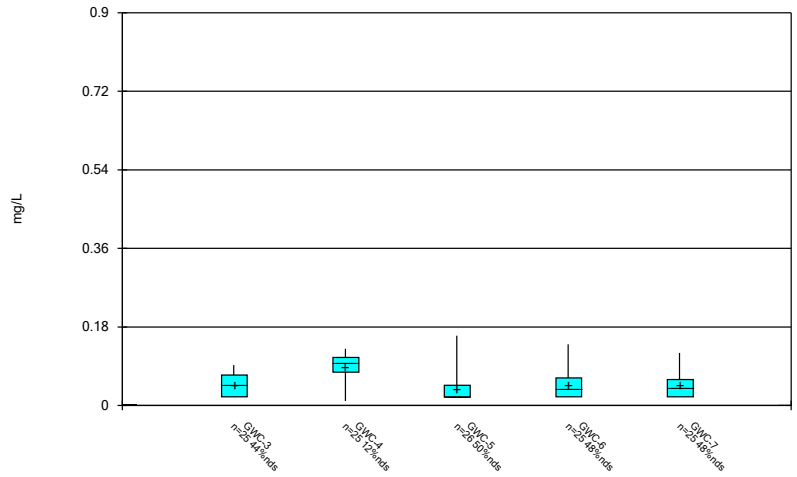
Box & Whiskers Plot



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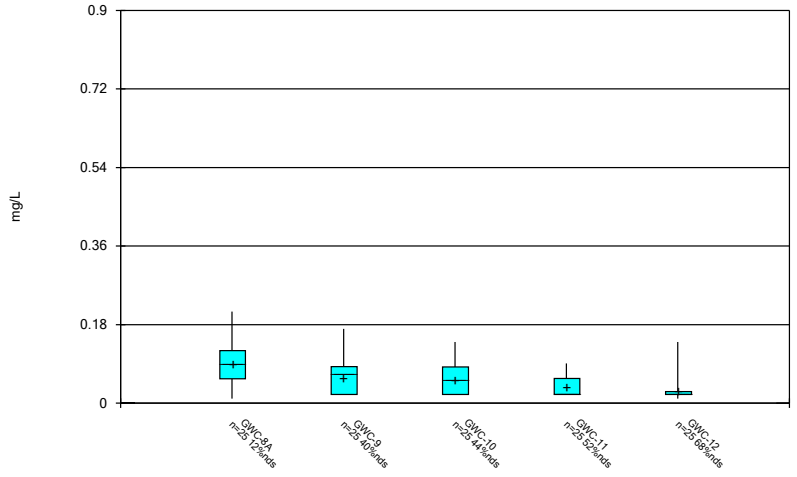

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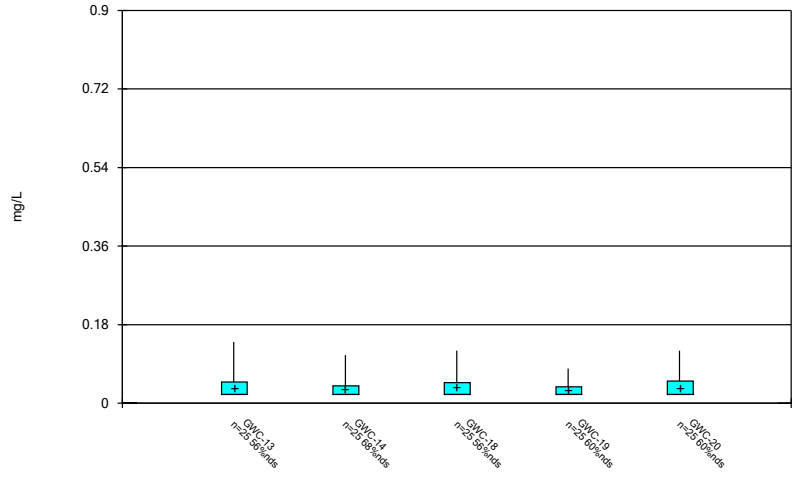

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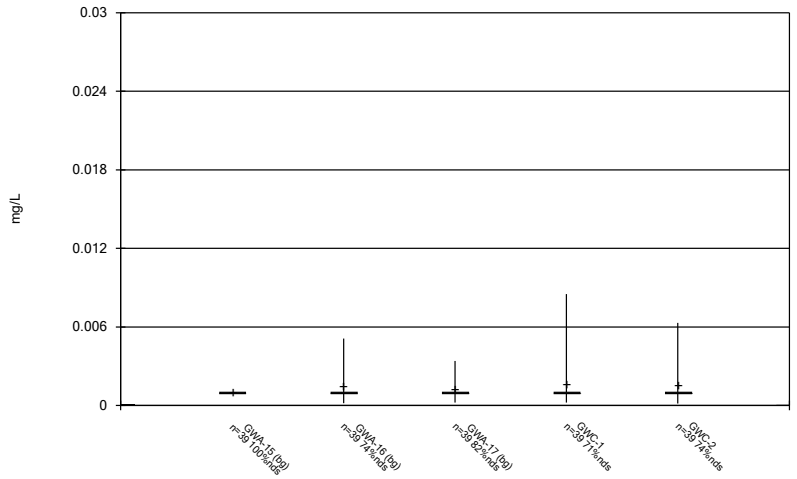
Box & Whiskers Plot



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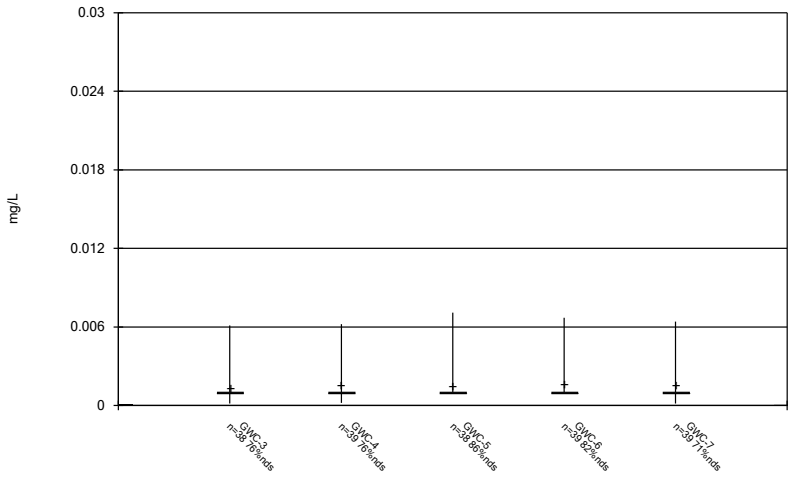
Box & Whiskers Plot



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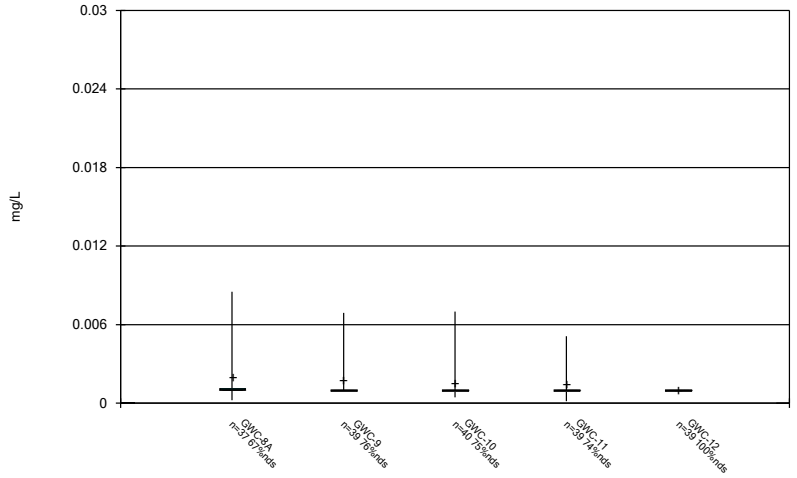

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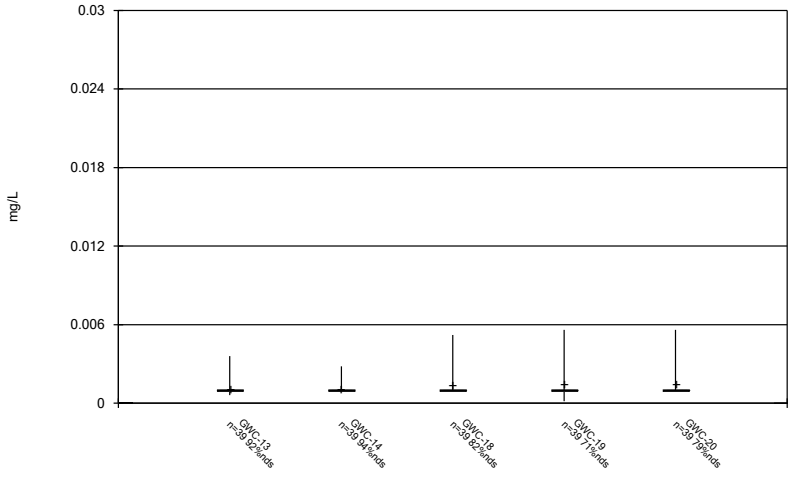

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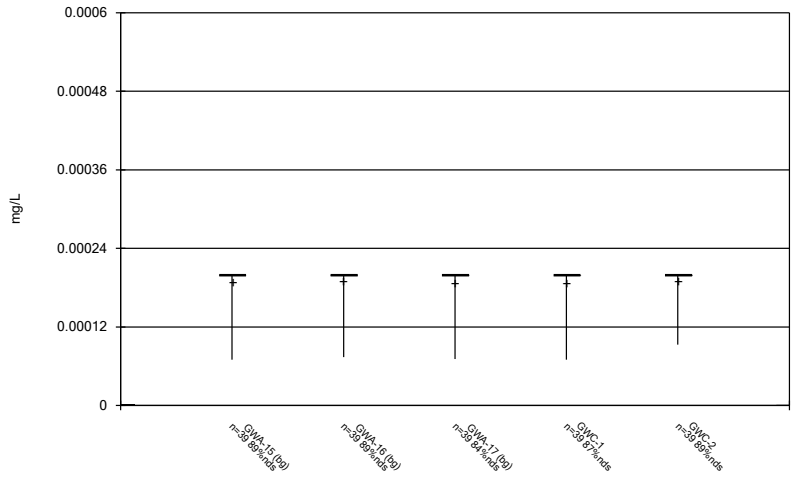

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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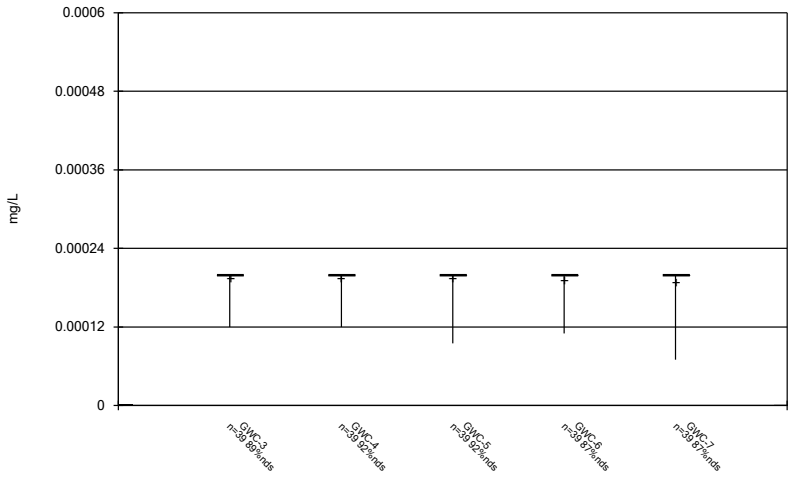
Box & Whiskers Plot



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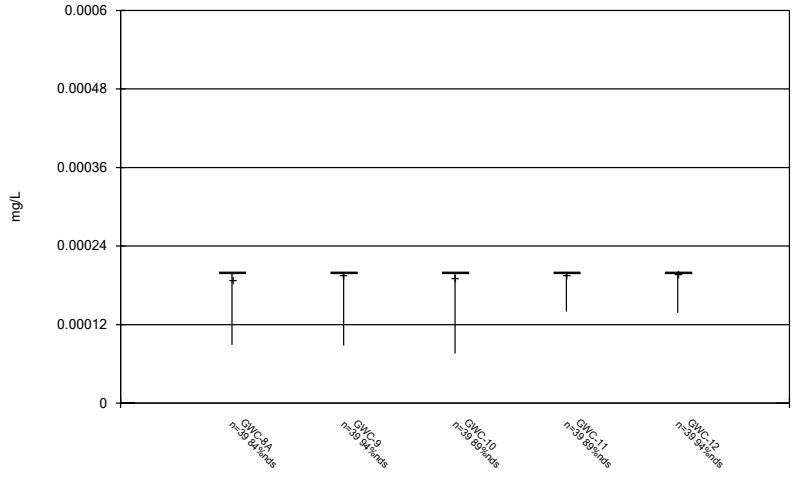

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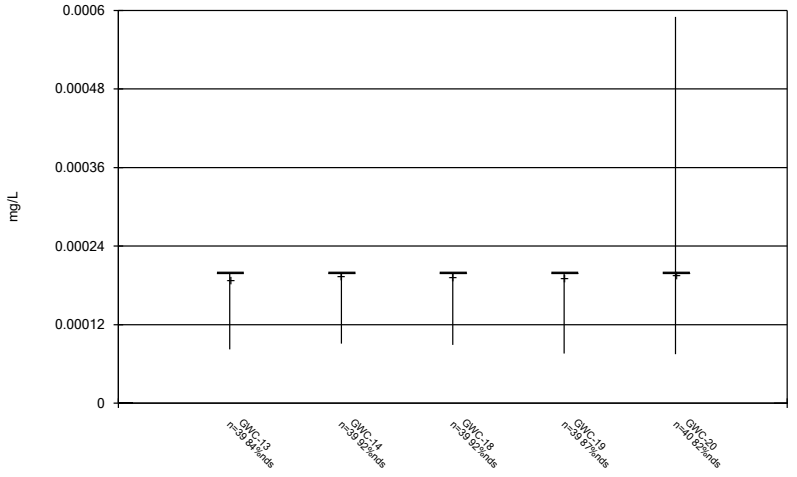

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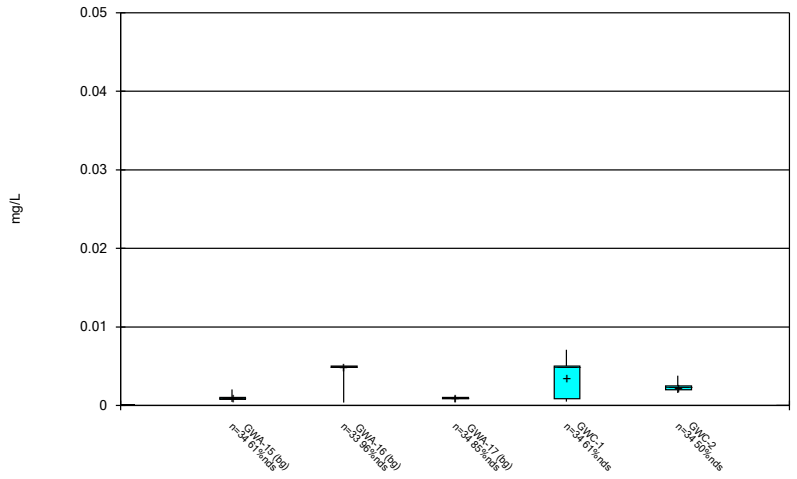

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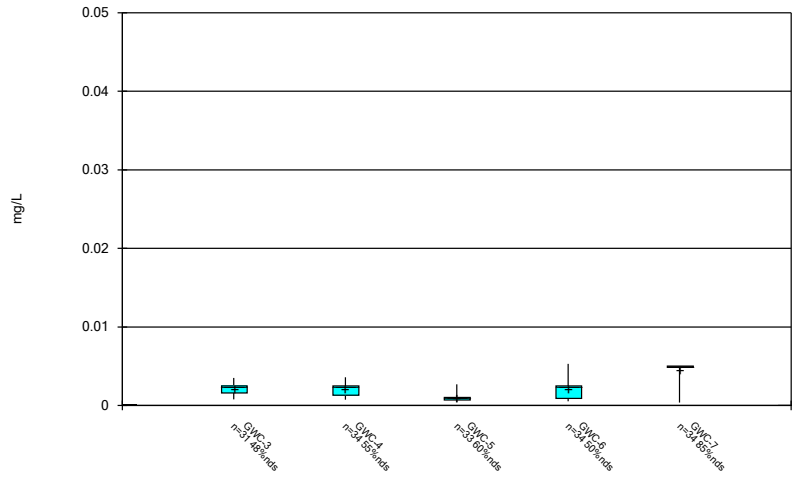
Box & Whiskers Plot



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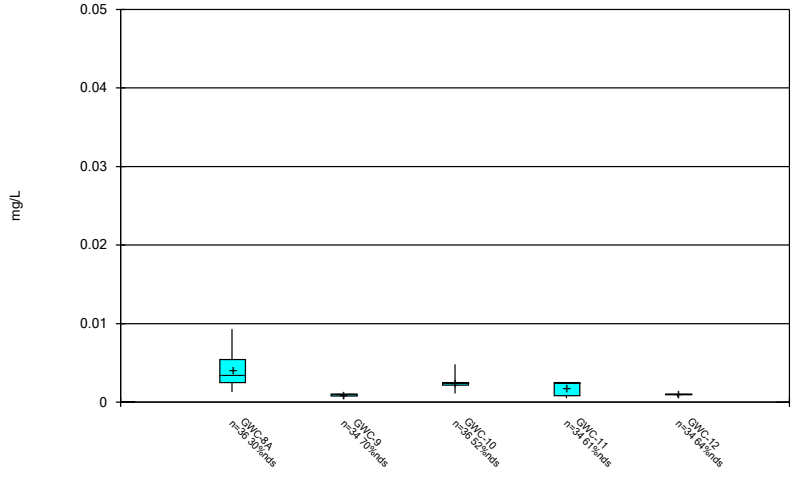
Box & Whiskers Plot



Constituent: Nickel Analysis Run 12/11/2025 1:43 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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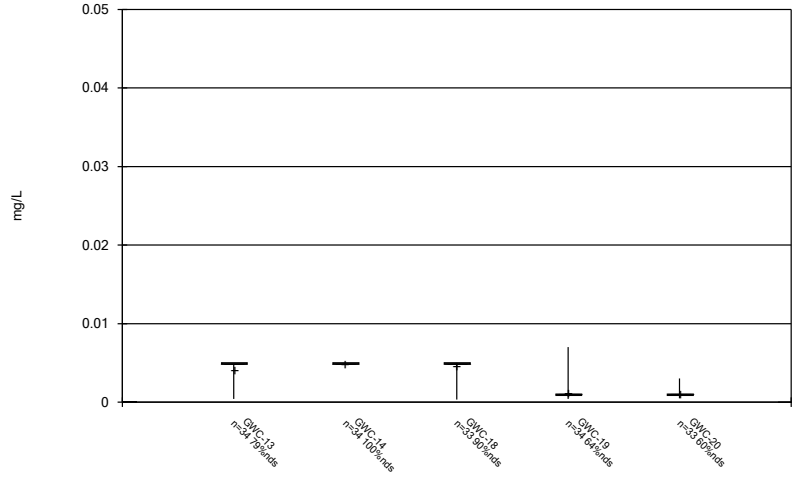
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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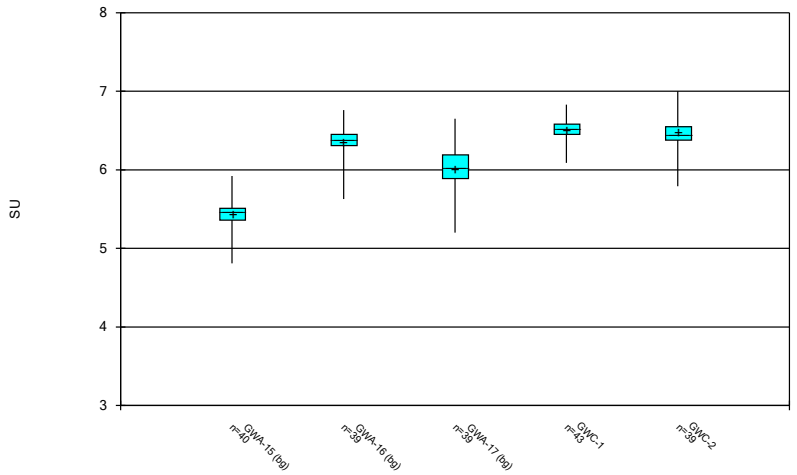
Box & Whiskers Plot



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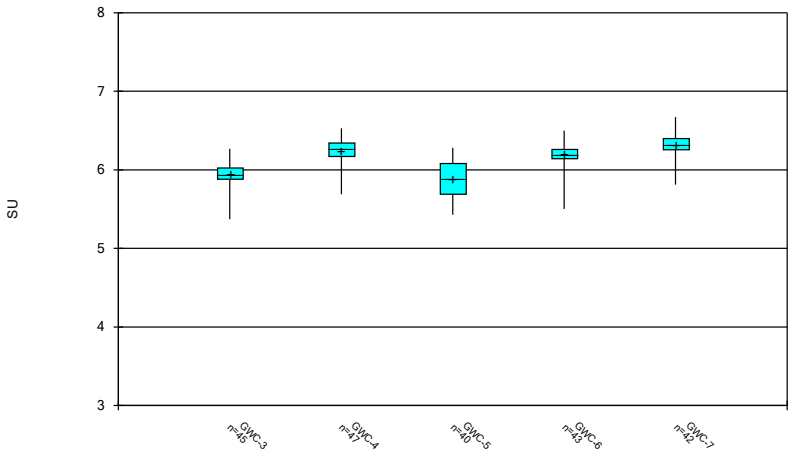
Box & Whiskers Plot



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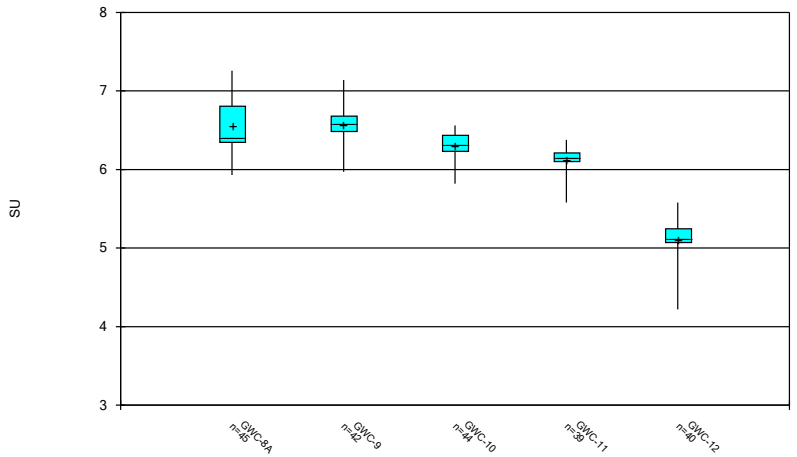
Box & Whiskers Plot



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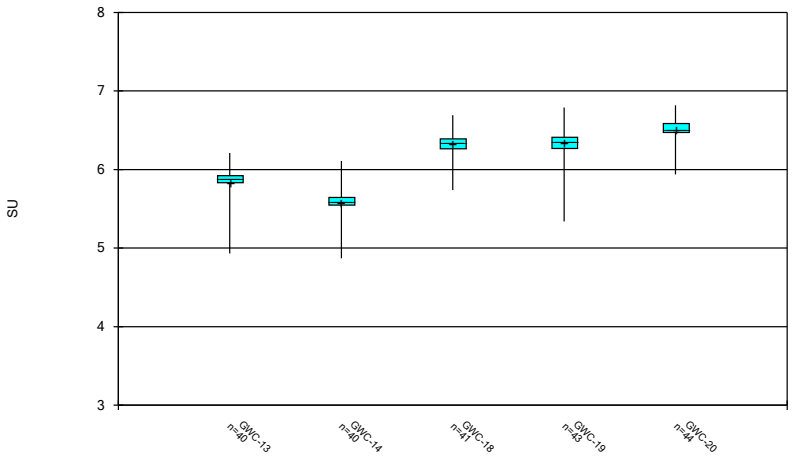

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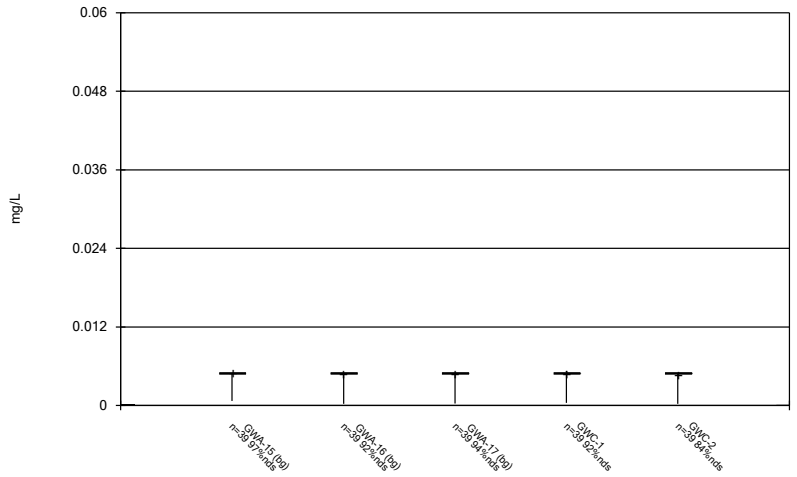
Box & Whiskers Plot



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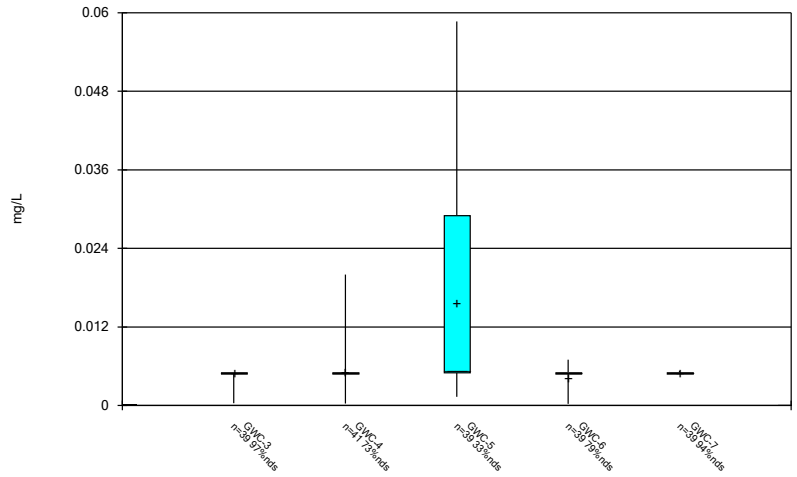
Box & Whiskers Plot



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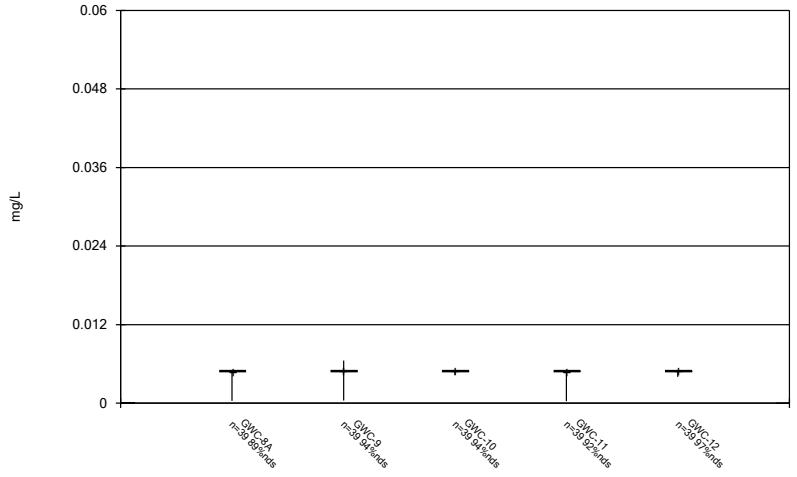
Box & Whiskers Plot



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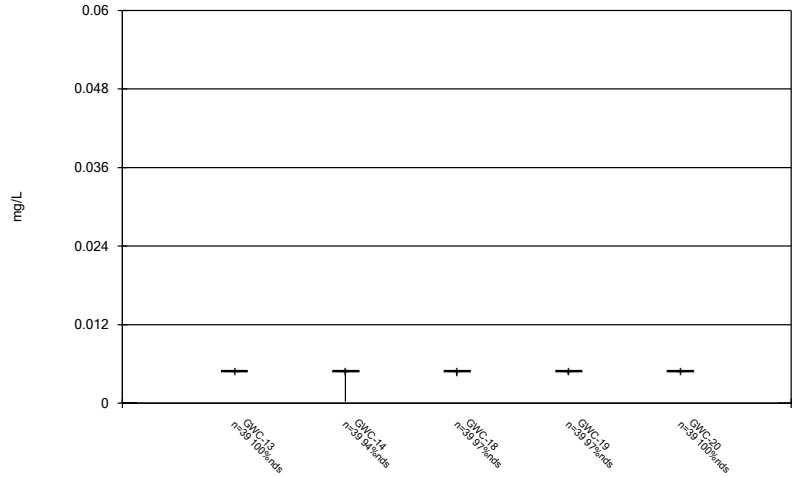
Box & Whiskers Plot



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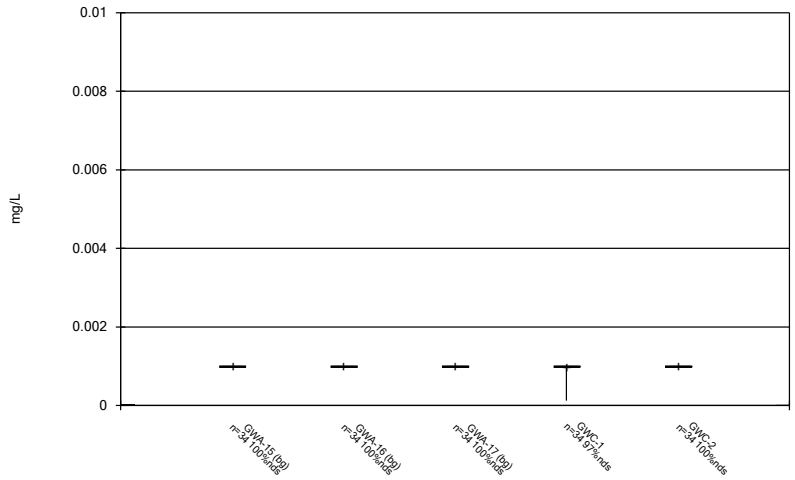
Box & Whiskers Plot



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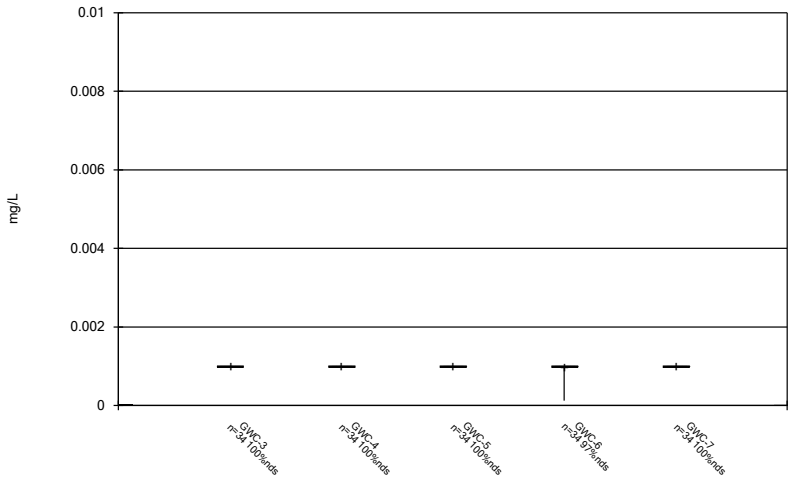
Box & Whiskers Plot



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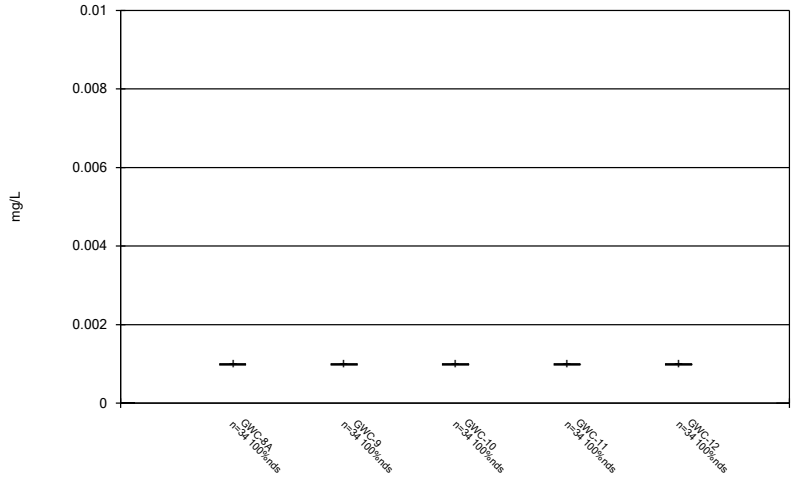
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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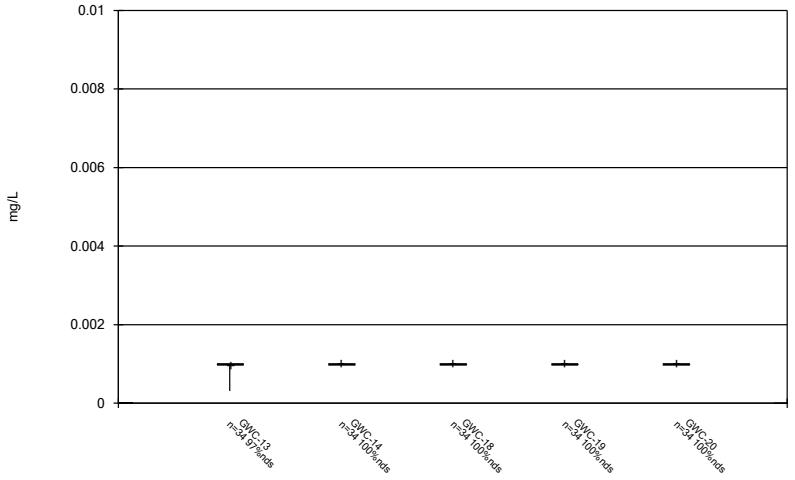

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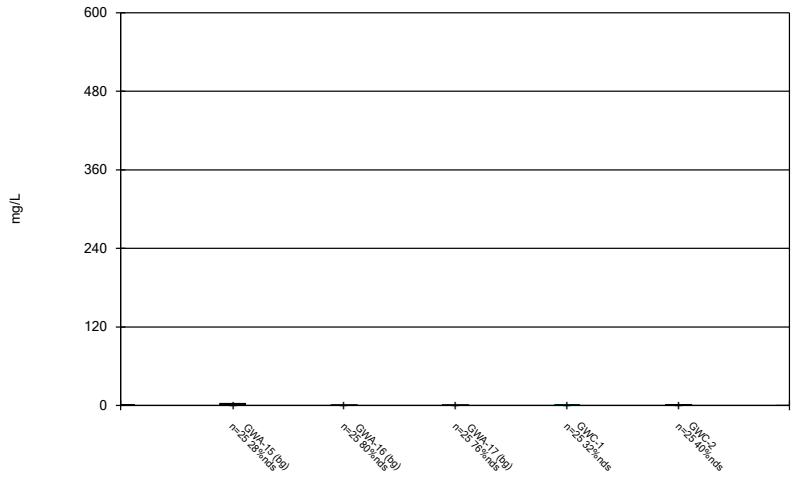
Box & Whiskers Plot



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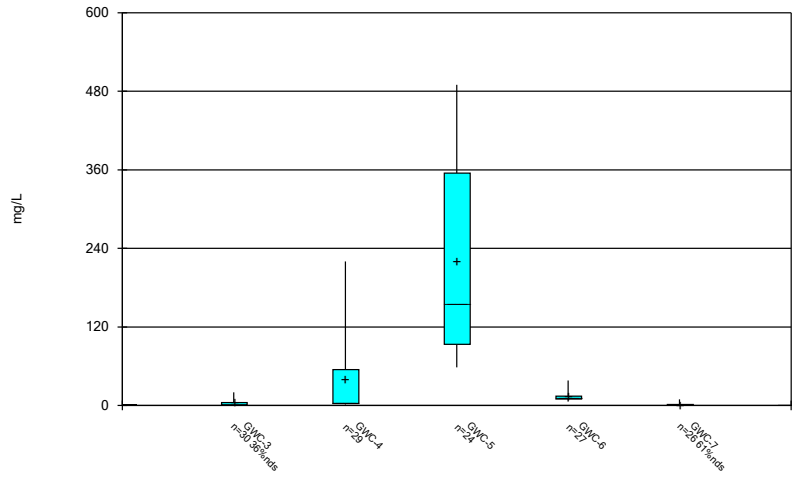
Box & Whiskers Plot



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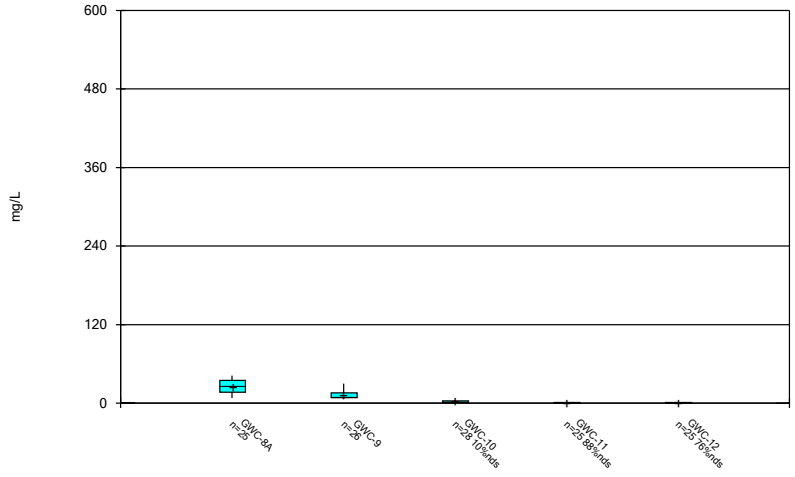
Box & Whiskers Plot



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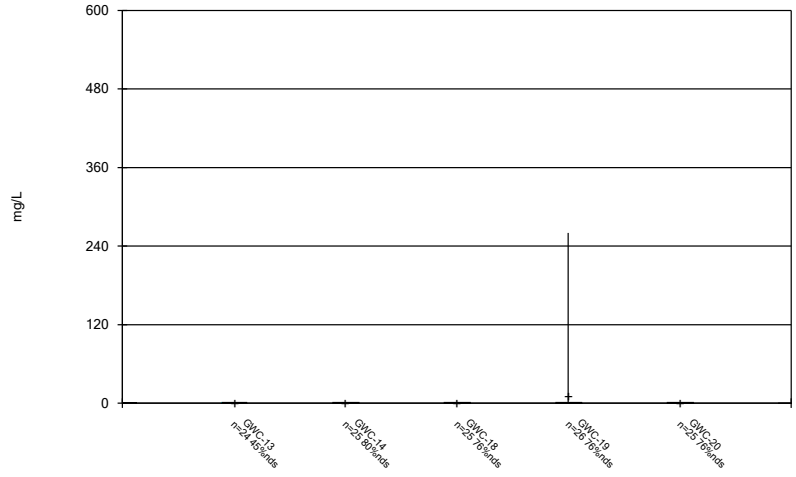
Box & Whiskers Plot



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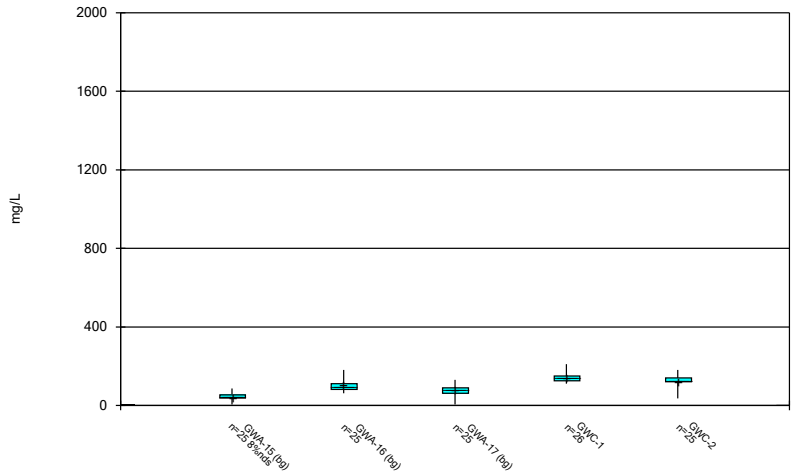

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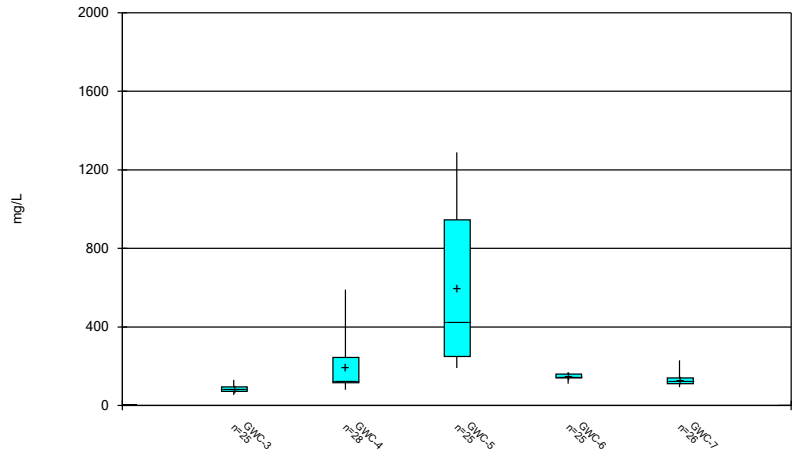

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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

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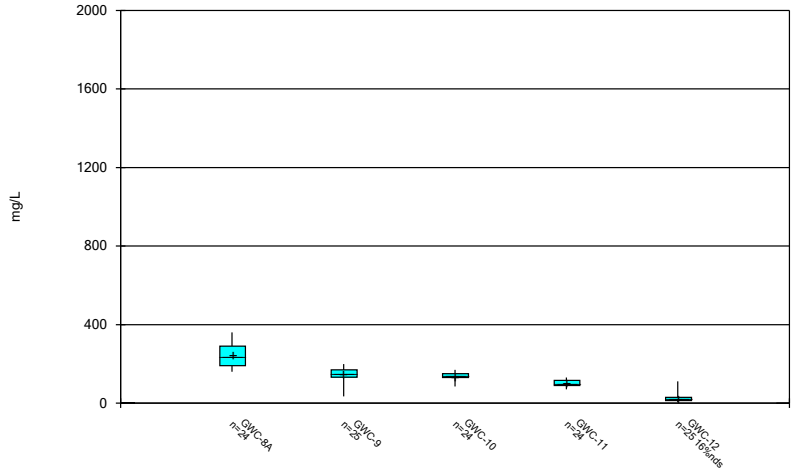

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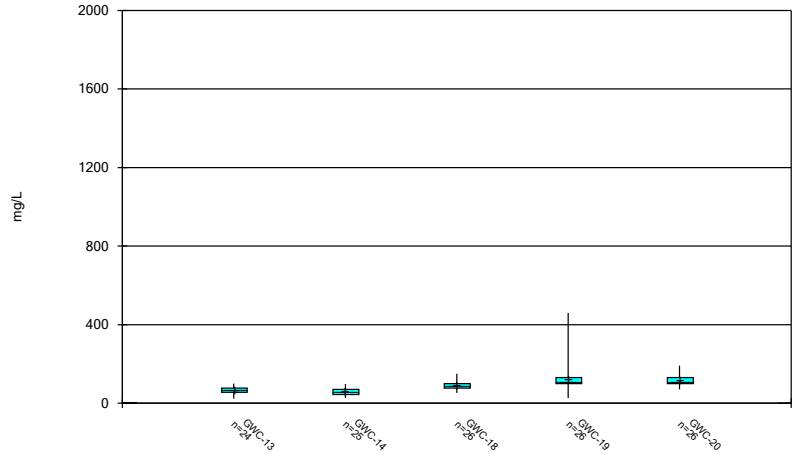
Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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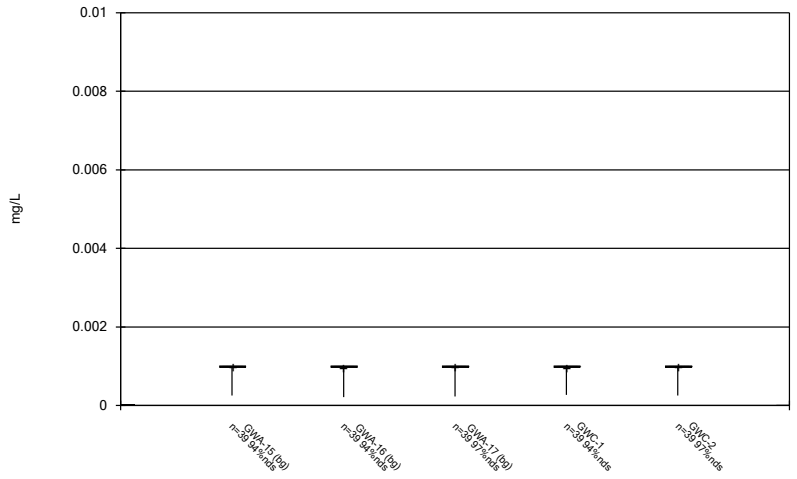
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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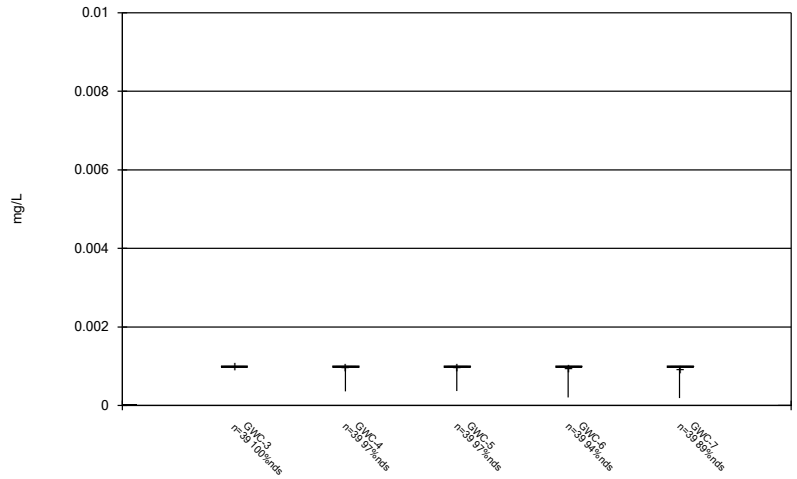
Box & Whiskers Plot



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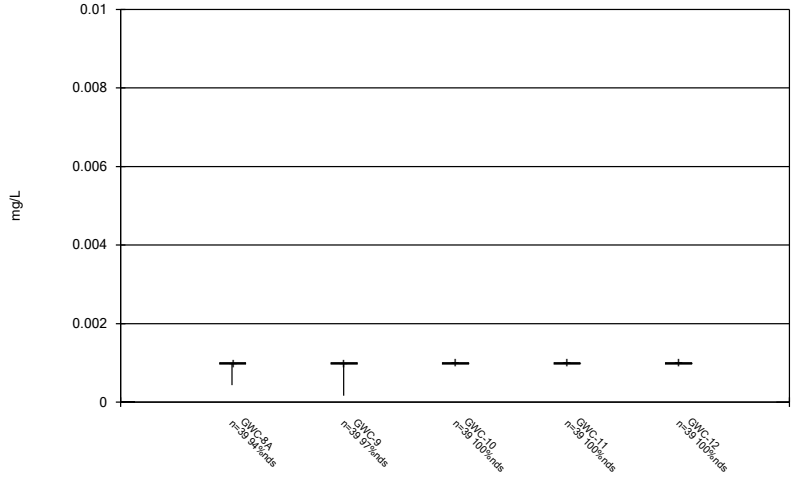
Box & Whiskers Plot



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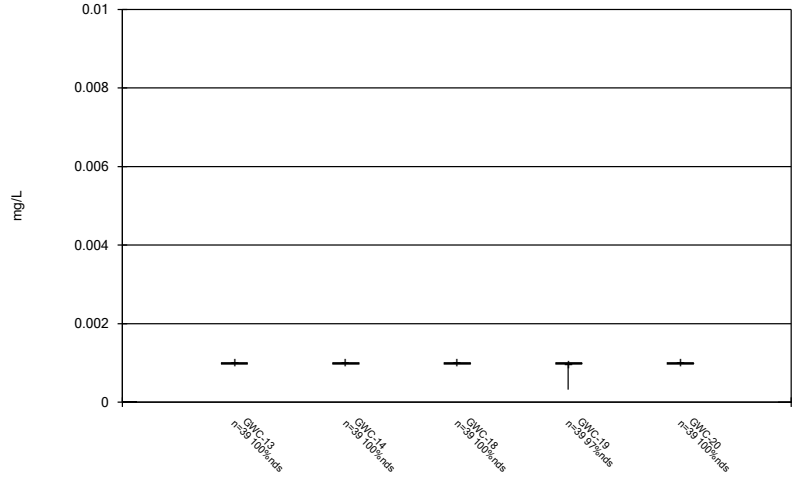
Box & Whiskers Plot



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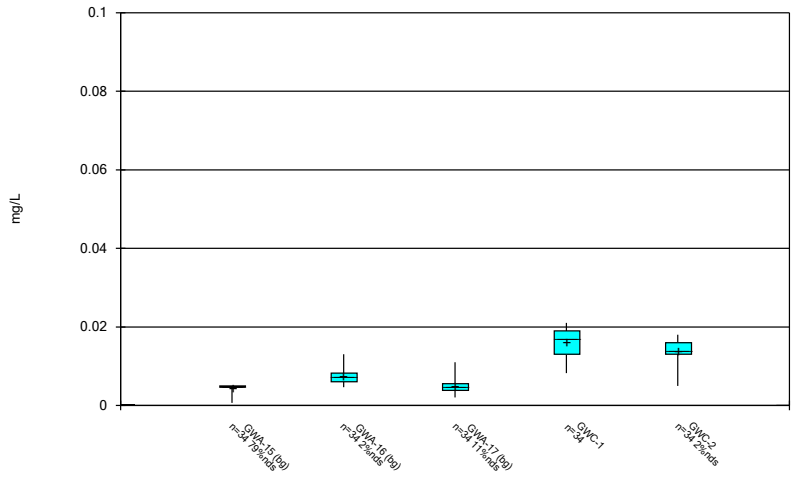
Box & Whiskers Plot



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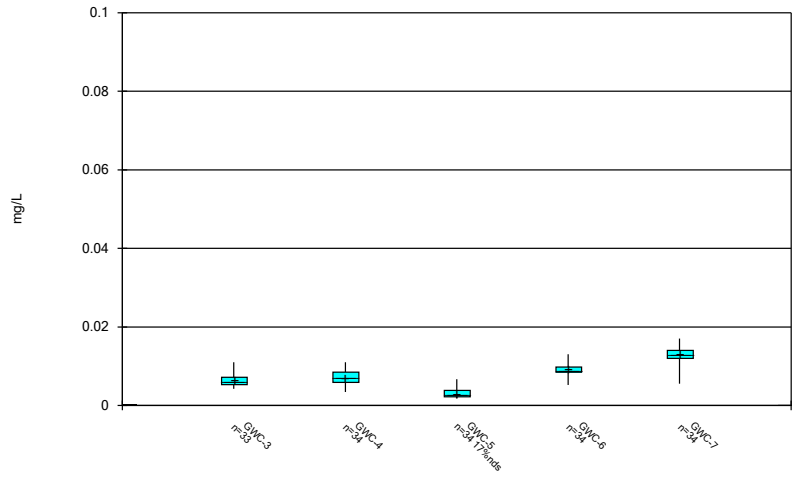
Box & Whiskers Plot



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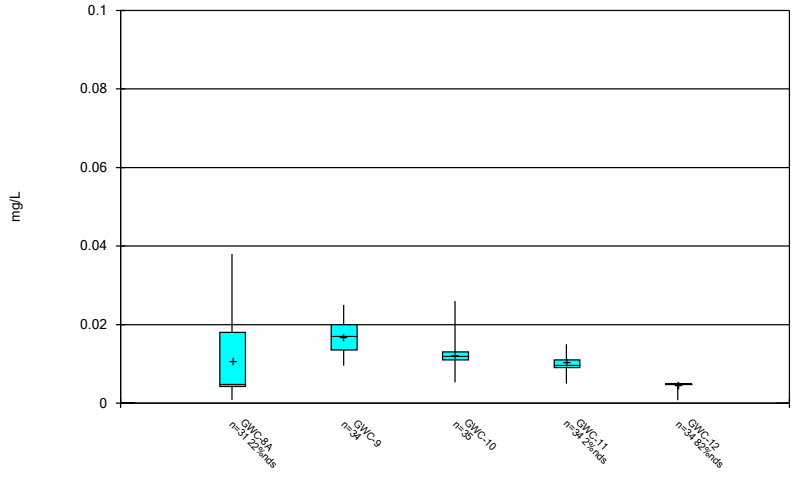
Box & Whiskers Plot



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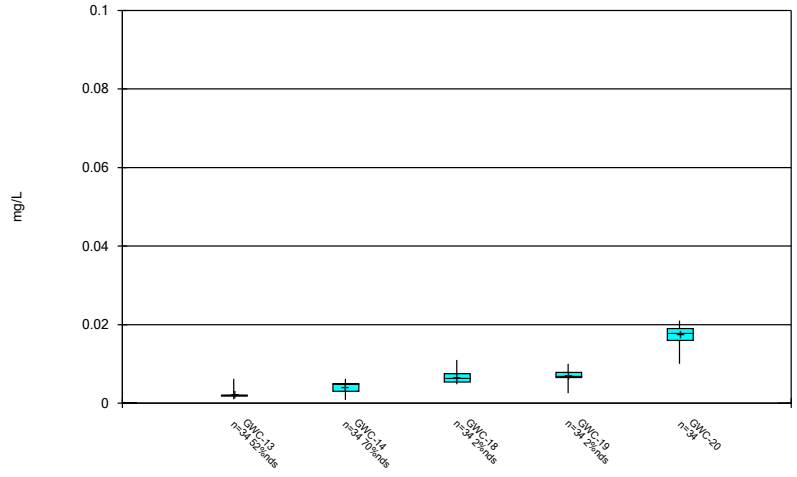
Box & Whiskers Plot



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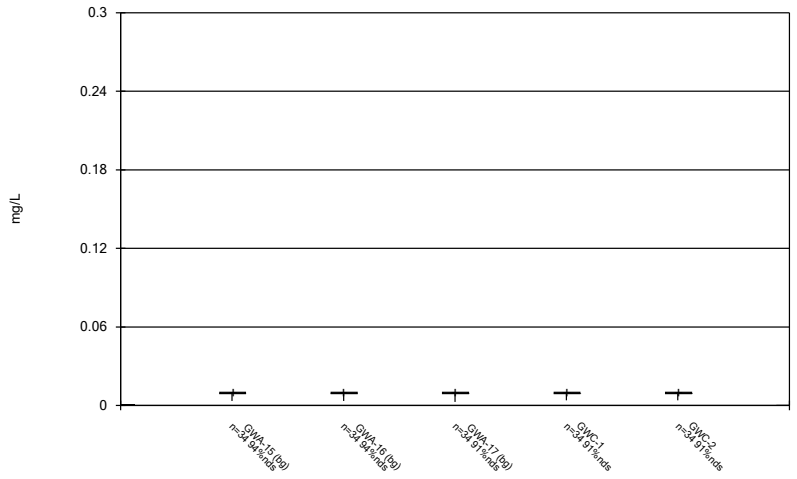
Box & Whiskers Plot



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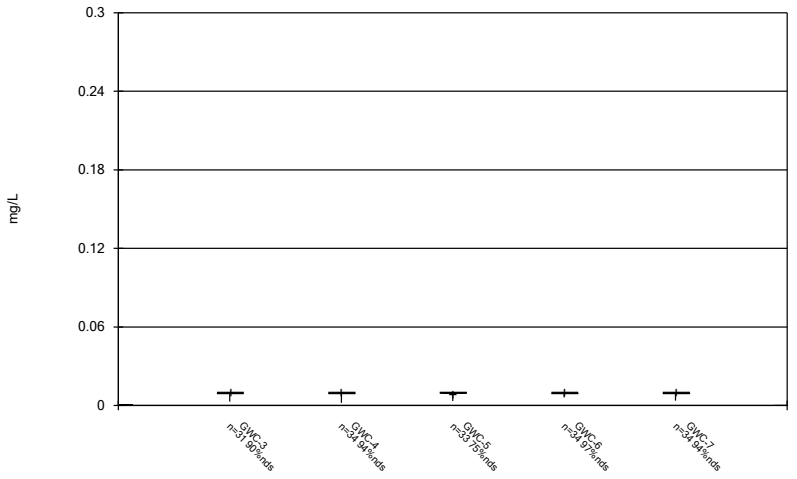
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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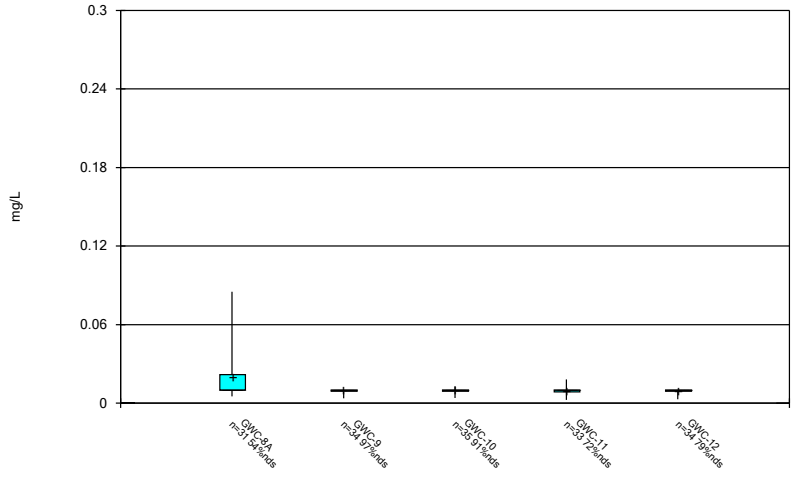
Box & Whiskers Plot



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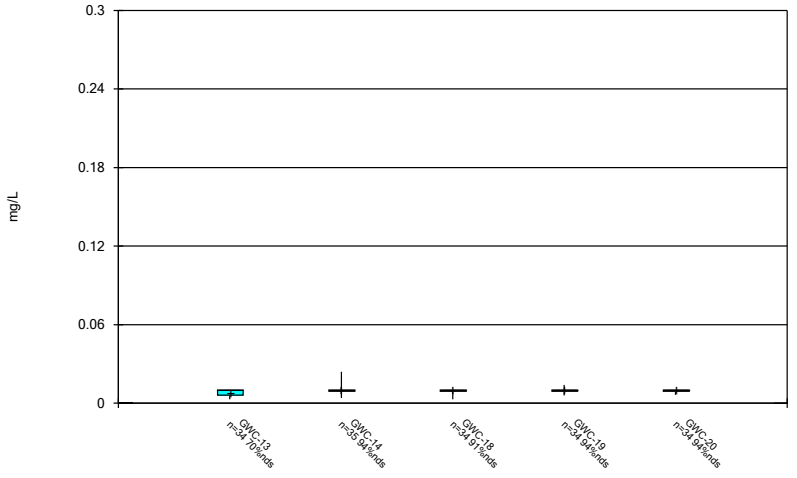
Box & Whiskers Plot



Constituent: Zinc Analysis Run 12/11/2025 1:43 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:21 PM

	GWC-3 Barium (mg/L)	GWC-14 Barium (mg/L)	GWC-5 Calcium (mg/L)	GWC-5 Chloride (mg/L)	GWC-3 Chromium (mg/L)	GWC-8A Chromium (mg/L)	GWC-10 Chromium (mg/L)	GWC-13 Chromium (mg/L)	GWA-15 Cobalt (mg/L)	GWA-16 Cobalt (mg/L)
5/11/2010	0.039 (Jo)									
6/18/2010										
7/28/2010	0.071 (JO)				0.028 (O)					
9/7/2010										
4/28/2011										
4/29/2011										0.003 (JO)
4/30/2011										
10/28/2011		0.0064 (JO)								
5/3/2012		0.0054 (JO)								
5/4/2012						0.059 (o)				
5/10/2013						0.038 (O)				
11/13/2014										
5/22/2015										
5/24/2015										
4/6/2016									0.00261 (JO)	
4/19/2016			198 (o)	124 (O)						
6/21/2016										
10/5/2016										
10/10/2016										
3/20/2018										
3/22/2018								0.028 (O)		
10/2/2018										
3/18/2020										
4/1/2021										
8/17/2021							0.042 (o)			
8/25/2022										
2/27/2023										
8/8/2023										
3/1/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:21 PM

	GWC-3 Cobalt (mg/L)	GWC-8A Cobalt (mg/L)	GWC-18 Cobalt (mg/L)	GWC-3 Copper (mg/L)	GWC-7 Copper (mg/L)	GWC-8A Copper (mg/L)	GWC-3 Lead (mg/L)	GWC-5 Lead (mg/L)	GWC-8A Lead (mg/L)	GWA-16 Nickel (mg/L)
5/11/2010							0.011 (O)			
6/18/2010					0.008 (JO)					
7/28/2010	0.0034 (JO)			0.012 (O)						
9/7/2010										
4/28/2011										
4/29/2011	0.0037 (JO)									
4/30/2011		0.0063 (JO)							0.011 (O)	
10/28/2011										
5/3/2012										
5/4/2012										
5/10/2013		0.0068 (JO)				0.18 (O)			0.023 (O)	
11/13/2014										
5/22/2015			0.0032 (JO)							
5/24/2015								0.0093 (JO)		
4/6/2016										
4/19/2016										
6/21/2016										
10/5/2016										
10/10/2016										
3/20/2018										0.04 (O)
3/22/2018		<0.0025 (O)								
10/2/2018										
3/18/2020										
4/1/2021										
8/17/2021										
8/25/2022										
2/27/2023										
8/8/2023										
3/1/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:21 PM

	GWC-1 Nickel (mg/L)	GWC-2 Nickel (mg/L)	GWC-3 Nickel (mg/L)	GWC-5 Nickel (mg/L)	GWC-7 Nickel (mg/L)	GWC-9 Nickel (mg/L)	GWC-10 Nickel (mg/L)	GWC-14 Nickel (mg/L)	GWC-18 Nickel (mg/L)	GWC-19 Nickel (mg/L)
5/11/2010		0.0033 (JO)								
6/18/2010										
7/28/2010			0.019 (O)							
9/7/2010			0.0093 (O)							
4/28/2011	0.0086 (O)									
4/29/2011										
4/30/2011										
10/28/2011										
5/3/2012										
5/4/2012										
5/10/2013			0.0081 (O)							
11/13/2014										
5/22/2015									0.0045 (JO)	0.01 (O)
5/24/2015				0.006 (O)						
4/6/2016										
4/19/2016										
6/21/2016										
10/5/2016										
10/10/2016										
3/20/2018										
3/22/2018										
10/2/2018										
3/18/2020										
4/1/2021										
8/17/2021							0.0094 (o)			
8/25/2022						0.0042 (o)				
2/27/2023					0.01 (o)					
8/8/2023										
3/1/2024								0.0081 (o)		

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:21 PM

	GWC-20 Nickel (mg/L)	GWC-2 pH, Field (SU)	GWC-3 pH, Field (SU)	GWC-19 pH, Field (SU)	GWC-5 Sulfate (mg/L)	GWC-13 Sulfate (mg/L)	GWC-8A TDS (mg/L)	GWC-10 TDS (mg/L)	GWC-11 TDS (mg/L)	GWC-13 TDS (mg/L)
5/11/2010										
6/18/2010										
7/28/2010										
9/7/2010										
4/28/2011										
4/29/2011										
4/30/2011										
10/28/2011										
5/3/2012										
5/4/2012										
5/10/2013										
11/13/2014										
5/22/2015	0.0063 (O)									
5/24/2015										
4/6/2016										
4/19/2016					575 (O)					
6/21/2016								214 (O)	293 (O)	195 (O)
10/5/2016			5.1 (O)	5.78 (O)						
10/10/2016							110 (O)			
3/20/2018										
3/22/2018										
10/2/2018										
3/18/2020						25 (O)				
4/1/2021		7.32 (O)								
8/17/2021										
8/25/2022										
2/27/2023										
8/8/2023							910 (o)			
3/1/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:21 PM

	GWC-3 Vanadium (mg/L)	GWC-8A Vanadium (mg/L)	GWC-3 Zinc (mg/L)	GWC-5 Zinc (mg/L)	GWC-8A Zinc (mg/L)	GWC-11 Zinc (mg/L)	GWC-19 Zinc (mg/L)
5/11/2010			0.018 (JO)				
6/18/2010							
7/28/2010	0.019 (O)		0.016 (JO)				
9/7/2010							
4/28/2011							
4/29/2011							
4/30/2011		0.053 (O)			0.13 (O)		
10/28/2011							
5/3/2012							
5/4/2012							
5/10/2013		0.09 (O)			0.23 (O)		
11/13/2014		0.065 (O)			0.13 (O)		
5/22/2015							
5/24/2015							
4/6/2016							
4/19/2016				0.0133 (O)			
6/21/2016							
10/5/2016			0.01 (JO)				0.0085 (JO)
10/10/2016							
3/20/2018							
3/22/2018							
10/2/2018						0.022 (O)	
3/18/2020							
4/1/2021							
8/17/2021							
8/25/2022							
2/27/2023							
8/8/2023							
3/1/2024							

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**7/24/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**7/24/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-7**	**0.04317**	**n/a**	**7/24/2025**	**0.048**	**Yes**	**37**	**0.03318**	**0.004082**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**7/30/2025**	**0.022**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**7/28/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWA-16**	**0.008074**	**n/a**	**7/24/2025**	**0.0082**	**Yes**	**37**	**0.005088**	**0.00122**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**7/24/2025**	**0.023**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Mercury (mg/L)	**GWC-20**	**0.0002**	**n/a**	**7/28/2025**	**0.00059**	**Yes**	**37**	**n/a**	**n/a**	**83.78**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Nickel (mg/L)	**GWC-19**	**0.0017**	**n/a**	**7/30/2025**	**0.007**	**Yes**	**31**	**n/a**	**n/a**	**70.97**	**n/a**	**n/a**	**0.001905**	**NP Intra (NDs) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**7/24/2025**	**0.009**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	**GWC-19**	**0.0059**	**n/a**	**7/30/2025**	**0.014**	**Yes**	**31**	**n/a**	**n/a**	**96.77**	**n/a**	**n/a**	**0.001905**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-16	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-2	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-3	0.005	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-4	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**7/24/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	GWA-16	0.039	n/a	7/24/2025	0.032	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-17	0.04875	n/a	7/24/2025	0.031	No	37	-3.429	0.1667	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-1	0.05681	n/a	7/25/2025	0.051	No	37	0.04696	0.004028	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-2	0.05389	n/a	7/31/2025	0.045	No	37	0.002099	0.0003289	0	None	x^2	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-3	0.02471	n/a	7/25/2025	0.022	No	35	0.01677	0.003227	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**7/24/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-5	0.1172	n/a	7/25/2025	0.036	No	37	0.3341	0.06345	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-6	0.06535	n/a	7/31/2025	0.052	No	37	0.05372	0.004755	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-7**	**0.04317**	**n/a**	**7/24/2025**	**0.048**	**Yes**	**37**	**0.03318**	**0.004082**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-8A	0.1078	n/a	7/31/2025	0.037	No	37	0.2026	0.05142	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.03685	n/a	7/31/2025	0.031	No	37	0.02382	0.005327	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.0407	n/a	8/1/2025	0.033	No	38	0.02835	0.00506	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.02037	n/a	7/30/2025	0.018	No	37	0.01684	0.001445	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.02084	n/a	7/30/2025	0.019	No	37	0.01643	0.001804	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-13	0.04946	n/a	7/30/2025	0.037	No	37	0.1802	0.01727	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-14	0.01266	n/a	7/31/2025	0.011	No	35	0.009908	0.001119	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04098	n/a	7/28/2025	0.036	No	37	0.03533	0.00231	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**7/30/2025**	**0.022**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**7/28/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Beryllium (mg/L)	GWA-17	0.0021	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-3	0.001	n/a	7/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-4	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-5	0.001	n/a	7/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-6	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-8A	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-17	0.0007	n/a	7/24/2025	0.0007ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-2	0.0007	n/a	7/31/2025	0.0007ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8A	0.0016	n/a	7/31/2025	0.0007ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11	0.001	n/a	7/30/2025	0.0007ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-15	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	**GWA-16**	**0.008074**	**n/a**	**7/24/2025**	**0.0082**	**Yes**	**37**	**0.005088**	**0.00122**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	GWA-17	0.01148	n/a	7/24/2025	0.0085	No	37	0.007284	0.001716	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-1	0.01814	n/a	7/25/2025	0.013	No	37	0.0001616	0.00006843	0	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-2	0.01387	n/a	7/31/2025	0.01	No	37	0.0001026	0.00003666	2.703	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-3	0.01995	n/a	7/25/2025	0.019	No	36	-4.643	0.2968	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-4	0.009955	n/a	7/24/2025	0.0025ND	No	37	0.005713	0.001734	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-5	0.01053	n/a	7/25/2025	0.0057	No	37	0.06791	0.01419	2.703	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-6	0.01054	n/a	7/31/2025	0.0056	No	37	-5.311	0.3102	2.703	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**7/24/2025**	**0.023**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Chromium (mg/L)	GWC-8A	0.023	n/a	7/31/2025	0.005ND	No	35	n/a	n/a	51.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.01267	n/a	7/31/2025	0.0083	No	37	0.007694	0.002034	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-10	0.02502	n/a	8/1/2025	0.015	No	37	0.01568	0.003816	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-11	0.012	n/a	7/30/2025	0.0087	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-13	0.008363	n/a	7/30/2025	0.0053	No	36	0.004964	0.001385	0	None	No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-14	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.02	n/a	7/28/2025	0.015	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-19	0.01723	n/a	7/30/2025	0.014	No	37	0.00998	0.002962	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-20	0.01377	n/a	7/28/2025	0.0098	No	37	0.0945	0.00934	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Cobalt (mg/L)	GWA-15	0.0029	n/a	7/24/2025	0.0016J	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-16	0.005	n/a	7/24/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-17	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-1	0.005	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-2	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-3	0.005	n/a	7/25/2025	0.005ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-4	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.005	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8A	0.0046	n/a	7/31/2025	0.0025J	No	34	n/a	n/a	38.24	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-9	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.005	n/a	8/1/2025	0.005ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-19	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.005	n/a	7/28/2025	0.005ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	7/24/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	7/24/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	7/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	7/31/2025	0.002ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	7/25/2025	0.002ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	7/24/2025	0.002ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	7/31/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	7/24/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.1	n/a	7/31/2025	0.002ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	7/31/2025	0.00069J	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0053	n/a	8/1/2025	0.0007J	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	7/30/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	7/30/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	7/31/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	7/28/2025	0.00097J	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	7/28/2025	0.002ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-16	0.001	n/a	7/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-17	0.001	n/a	7/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-1	0.001	n/a	7/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.001	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-3	0.001	n/a	7/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-4	0.001	n/a	7/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	7/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.001	n/a	7/24/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8A	0.0012	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.001	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	8/1/2025	0.001ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.0017	n/a	7/30/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	7/30/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14	0.001	n/a	7/31/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.0015	n/a	7/30/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWA-15	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	7/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	7/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	7/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	7/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	8/1/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	7/30/2025	0.00017J	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0002	n/a	7/30/2025	0.00018J	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	7/30/2025	0.00017J	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	7/31/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	7/28/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	7/30/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	**GWC-20**	**0.0002**	**n/a**	**7/28/2025**	**0.00059**	**Yes**	**37**	**n/a**	**n/a**	**83.78**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Nickel (mg/L)	GWA-15	0.00202	n/a	7/24/2025	0.00076J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.005	n/a	7/24/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	7/24/2025	0.00059J	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0071	n/a	7/25/2025	0.005ND	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0038	n/a	7/31/2025	0.0016J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	7/25/2025	0.0015J	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	7/24/2025	0.0022J	No	32	n/a	n/a	59.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	7/25/2025	0.00048J	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	7/31/2025	0.00053J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.005	n/a	7/24/2025	0.005ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.01118	n/a	7/31/2025	0.0043J	No	34	0.1514	0.02922	32.35	Kaplan-Meier	x^(1/3)	0.0001937	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	7/31/2025	0.00072J	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.0048	n/a	8/1/2025	0.0032J	No	34	n/a	n/a	55.88	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0025	n/a	7/30/2025	0.00085J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0011	n/a	7/30/2025	0.00096J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.005	n/a	7/30/2025	0.005ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	**GWC-19**	**0.0017**	**n/a**	**7/30/2025**	**0.007**	**Yes**	**31**	**n/a**	**n/a**	**70.97**	**n/a**	**n/a**	**0.001905**	**NP Intra (NDs) 1 of 2**
Nickel (mg/L)	GWC-20	0.003	n/a	7/28/2025	0.0006J	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-15	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-16	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-17	0.005	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.0053	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-2	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-3	0.005	n/a	7/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**7/24/2025**	**0.009**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Selenium (mg/L)	GWC-5	0.01744	n/a	7/25/2025	0.0025ND	No	11	0.005791	0.003494	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	GWC-6	0.007	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-7	0.0053	n/a	7/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8A	0.005	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0065	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	8/1/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0052	n/a	7/31/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/15/2025, 11:02 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-19	0.005	n/a	7/30/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-15	0.001	n/a	7/24/2025	0.00081J	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-16	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-17	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-1	0.001	n/a	7/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-2	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-4	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-5	0.001	n/a	7/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	7/24/2025	0.001ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-8A	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	7/31/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	7/30/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.005	n/a	7/24/2025	0.005ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01172	n/a	7/24/2025	0.0079	No	32	0.007333	0.00176	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWA-17	0.008446	n/a	7/24/2025	0.0058	No	32	0.004701	0.001504	12.5	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-1	0.0233	n/a	7/25/2025	0.017	No	32	0.0002708	0.0001093	0	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.01924	n/a	7/31/2025	0.014	No	32	0.0001998	0.00006842	3.125	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01043	n/a	7/25/2025	0.0055	No	31	0.00653	0.001561	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01171	n/a	7/24/2025	0.0043J	No	32	0.007233	0.0018	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006452	n/a	7/25/2025	0.0026J	No	32	0.05266	0.01111	18.75	Kaplan-Meier	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01316	n/a	7/31/2025	0.0086	No	32	0.009105	0.00163	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01634	n/a	7/24/2025	0.011	No	32	0.000002319	8.2e-7	0	None	x^3	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.005	n/a	7/31/2025	0.005ND	No	16	n/a	n/a	37.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-9	0.02777	n/a	7/31/2025	0.018	No	32	0.01692	0.00436	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.026	n/a	8/1/2025	0.011	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-11	0.01473	n/a	7/30/2025	0.011	No	32	0.01031	0.001777	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	7/30/2025	0.005ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	7/30/2025	0.0013J	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	7/31/2025	0.005ND	No	32	n/a	n/a	68.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01061	n/a	7/28/2025	0.0082	No	32	0.08111	0.0088	3.125	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01019	n/a	7/30/2025	0.0025ND	No	32	0.007199	0.001201	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02308	n/a	7/28/2025	0.02	No	32	0.01753	0.002229	0	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.01	n/a	7/25/2025	0.01ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	n/a	7/31/2025	0.01ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.01	n/a	7/25/2025	0.01ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.01	n/a	7/25/2025	0.01ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.01	n/a	7/31/2025	0.01ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.01	n/a	7/24/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	7/31/2025	0.01ND	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.01	n/a	7/31/2025	0.01ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.013	n/a	8/1/2025	0.01ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	7/30/2025	0.01ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.01	n/a	7/30/2025	0.01ND	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.01	n/a	7/30/2025	0.01ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.024	n/a	7/31/2025	0.01ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.01	n/a	7/28/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	**GWC-19**	**0.0059**	**n/a**	**7/30/2025**	**0.014**	**Yes**	**31**	**n/a**	**n/a**	**96.77**	**n/a**	**n/a**	**0.001905**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	GWC-20	0.01	n/a	7/28/2025	0.01ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2

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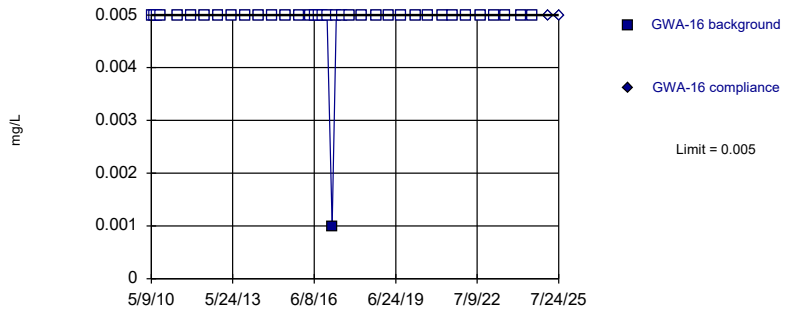
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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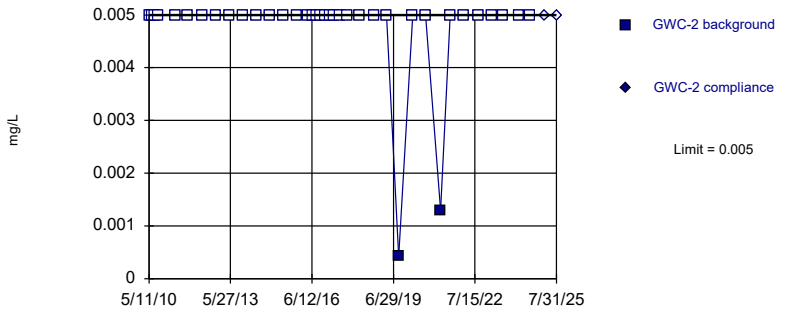
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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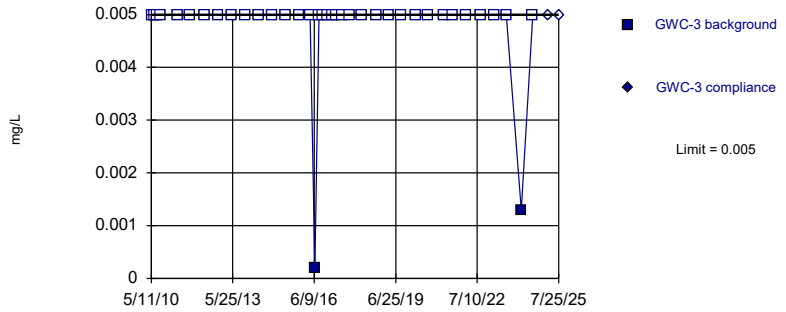
Within Limit

Prediction Limit

Intrawell Non-parametric



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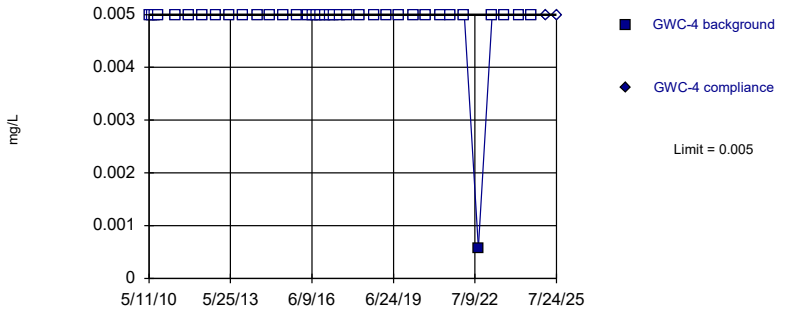
Within Limit

Prediction Limit

Intrawell Non-parametric



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Prediction Limit

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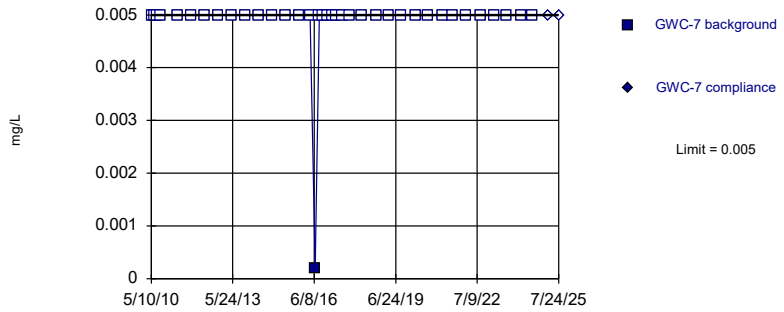

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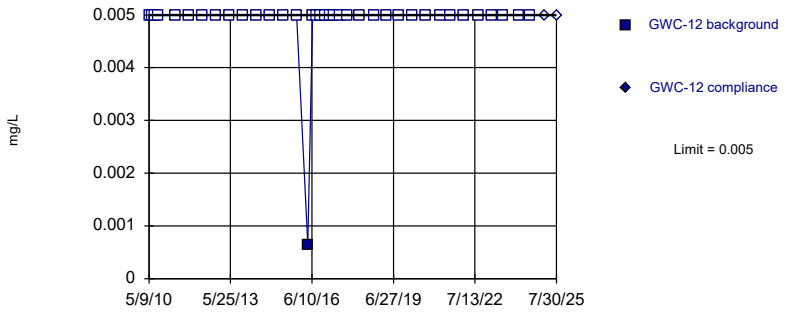
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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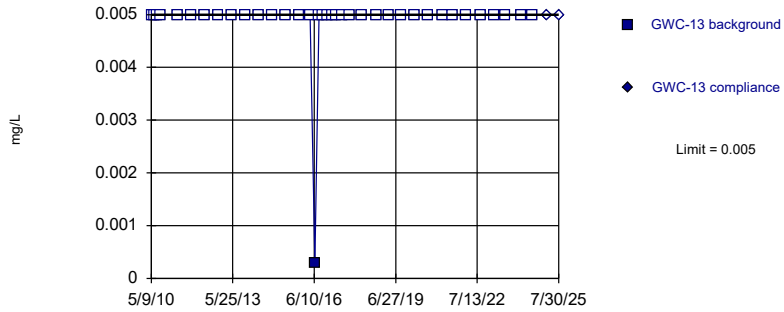
Within Limit

Prediction Limit

Intrawell Non-parametric



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Within Limit

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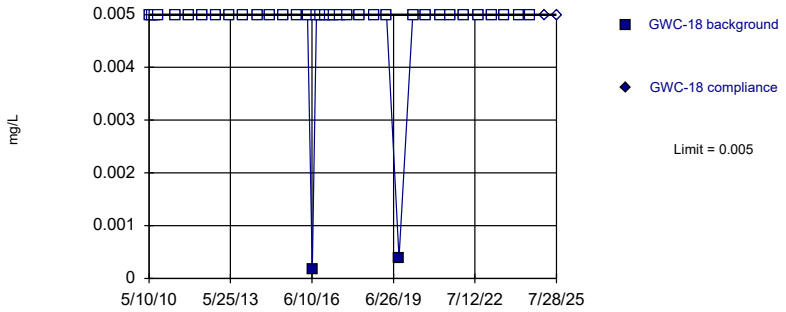

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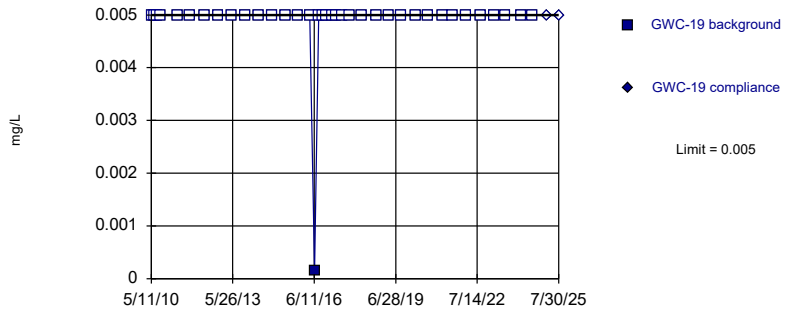
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
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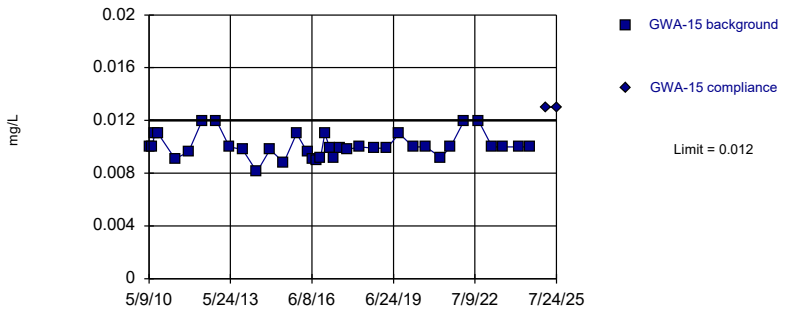
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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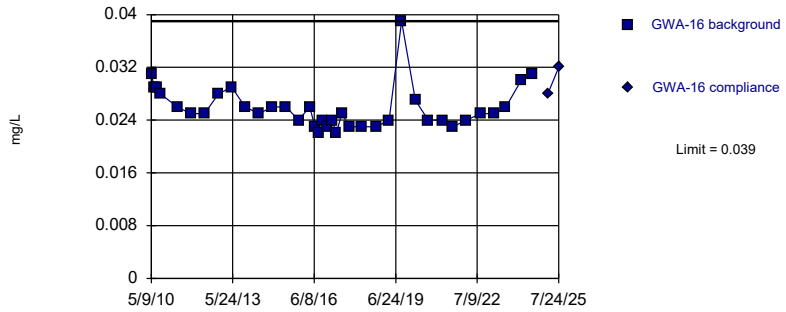
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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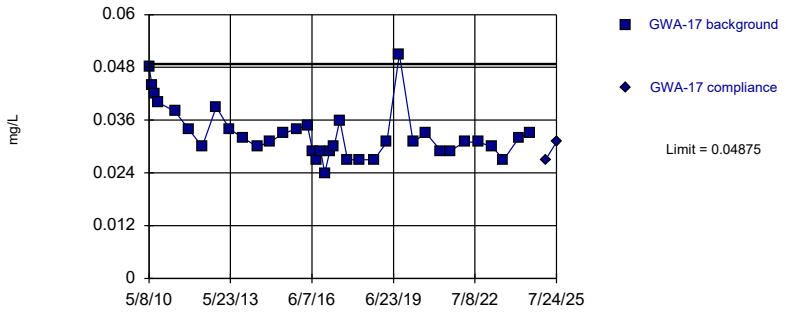
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.429, Std. Dev.=0.1667, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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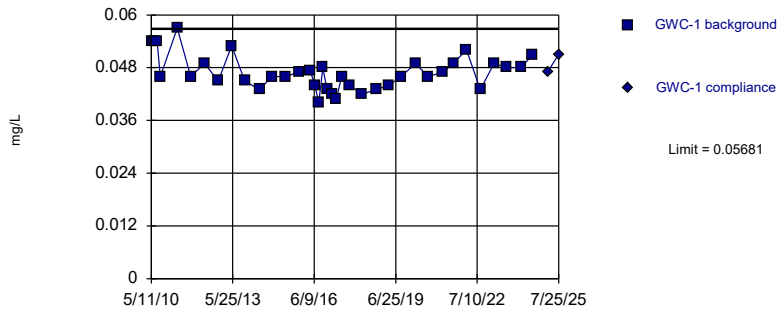
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04696, Std. Dev.=0.004028, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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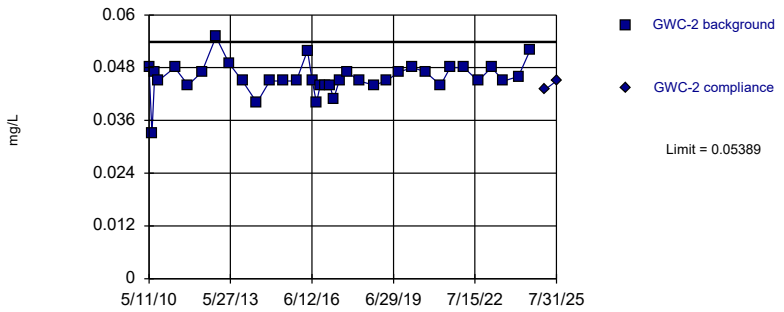
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.002099, Std. Dev.=0.0003289, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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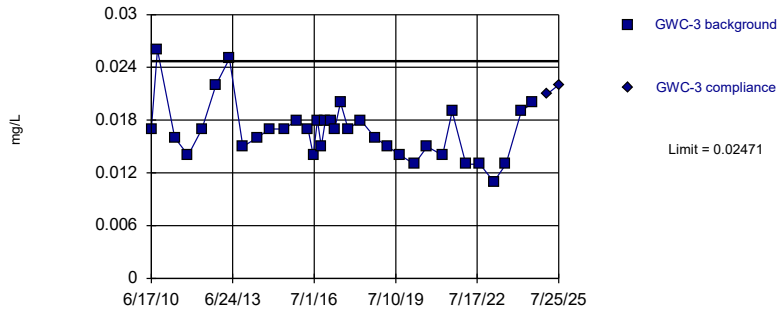
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01677, Std. Dev.=0.003227, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9278, critical = 0.91. Kappa = 2.462 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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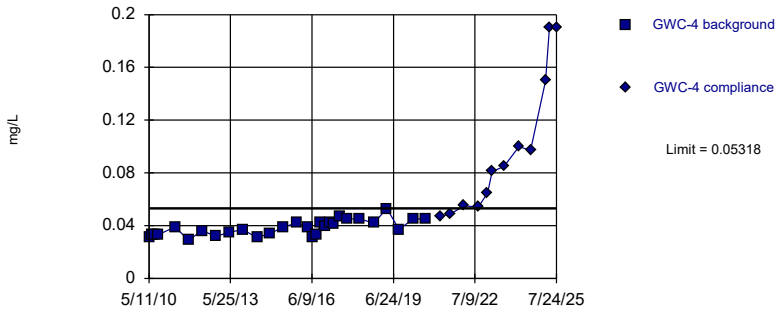
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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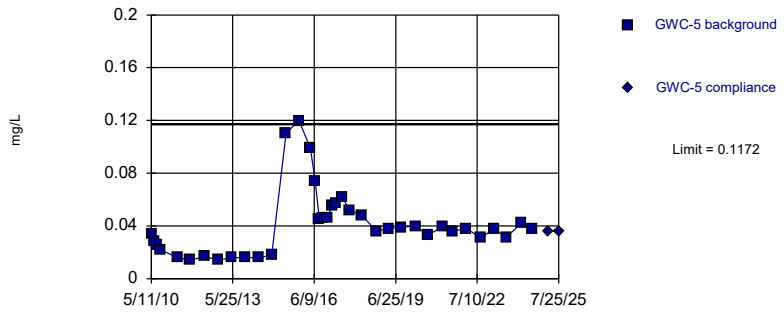
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.3341, Std. Dev.=0.06345, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9296, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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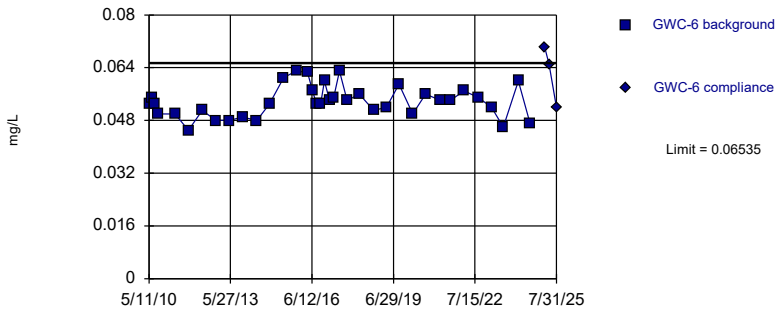
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05372, Std. Dev.=0.004755, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9617, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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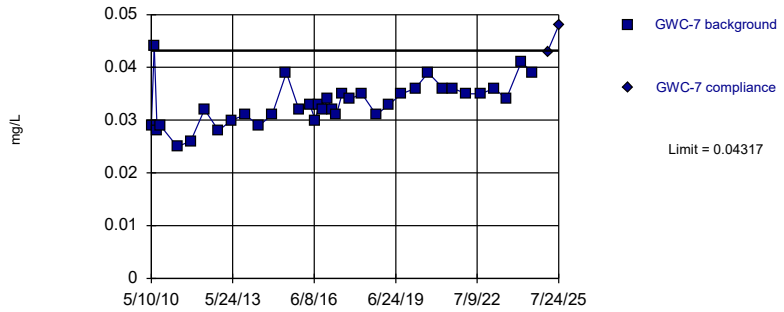
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03318, Std. Dev.=0.004082, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9786, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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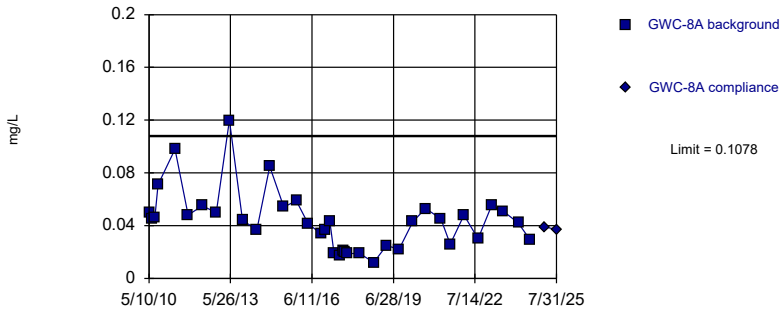
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2026, Std. Dev.=0.05142, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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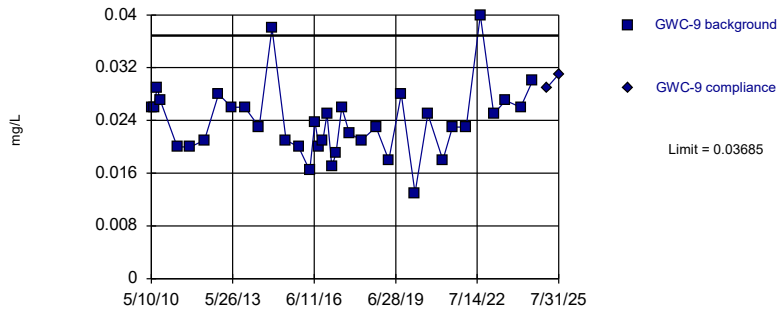
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02382, Std. Dev.=0.005327, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9328, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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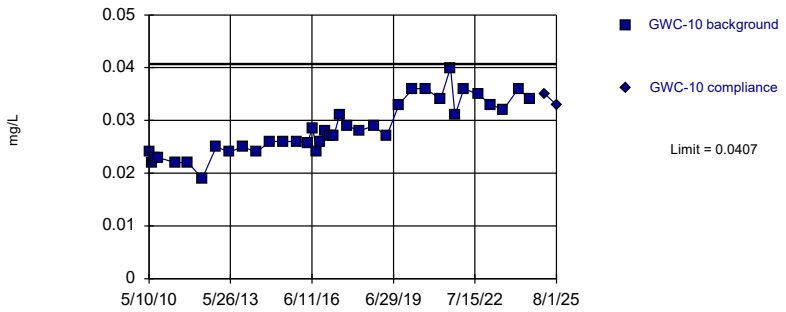
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02835, Std. Dev.=0.00506, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.916. Kappa = 2.439 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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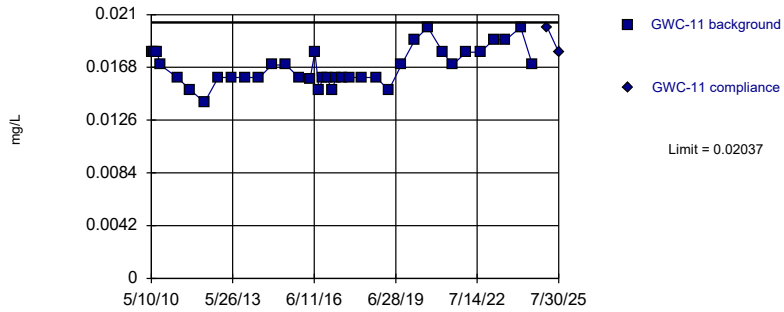
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01684, Std. Dev.=0.001445, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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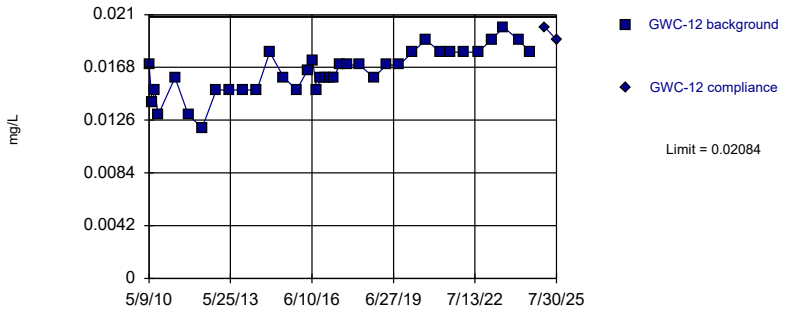
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01643, Std. Dev.=0.001804, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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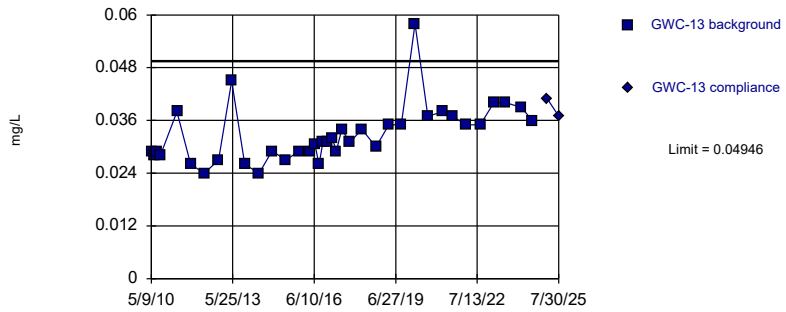
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1802, Std. Dev.=0.01727, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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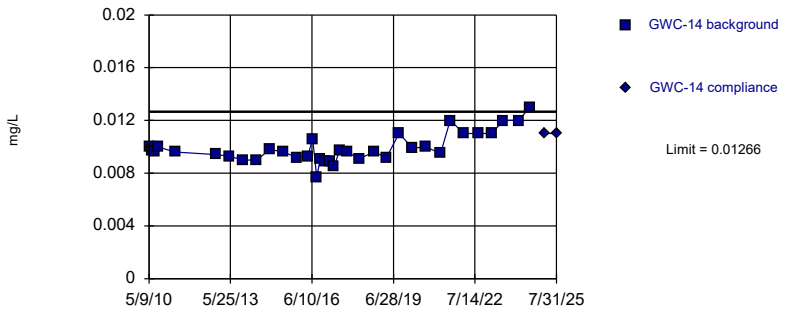
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009908, Std. Dev.=0.001119, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.91. Kappa = 2.462 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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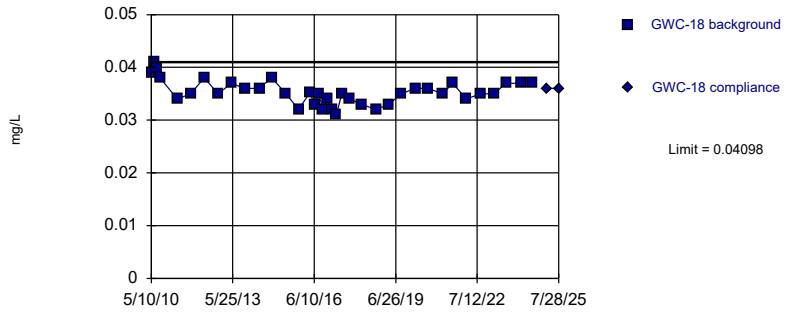
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03533, Std. Dev.=0.00231, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9668, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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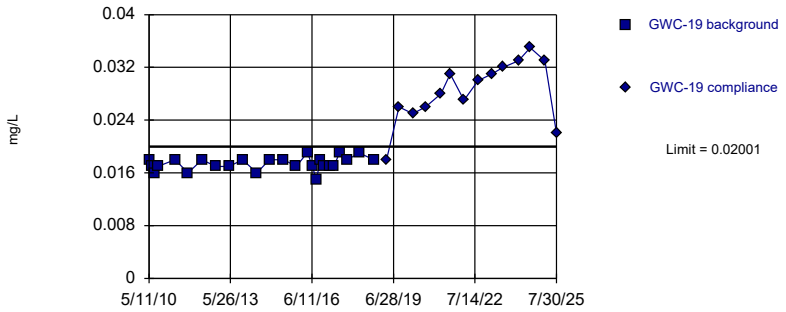
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0174, Std. Dev.=0.001007, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9119, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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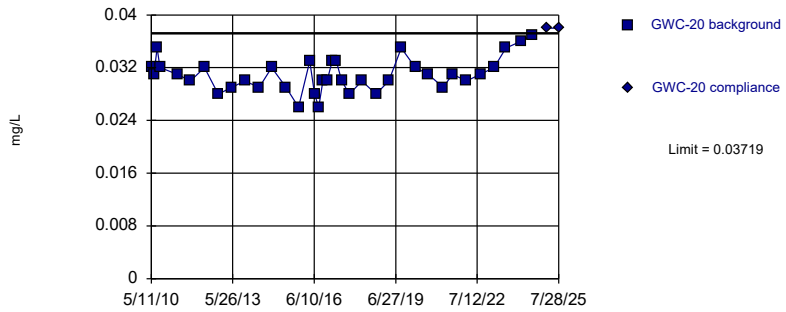
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03092, Std. Dev.=0.002564, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9603, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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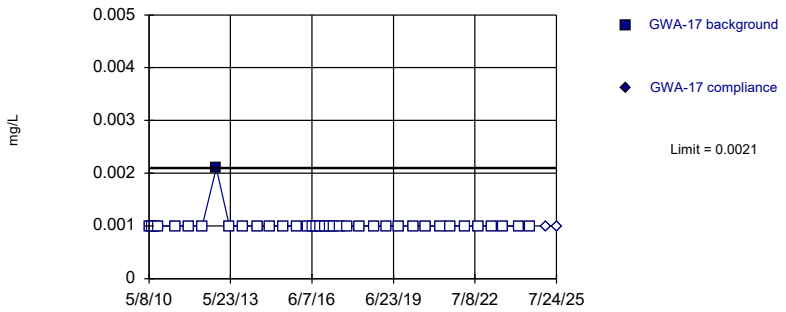
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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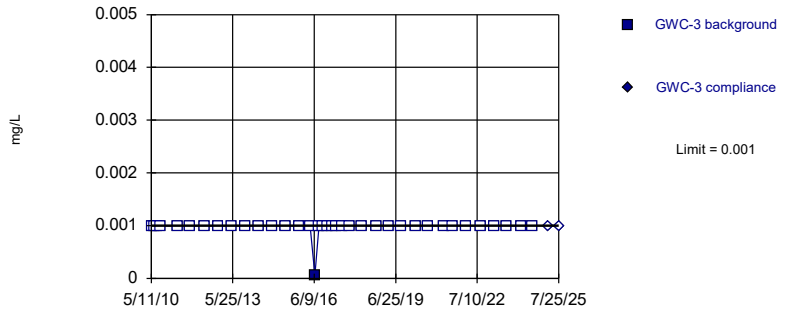
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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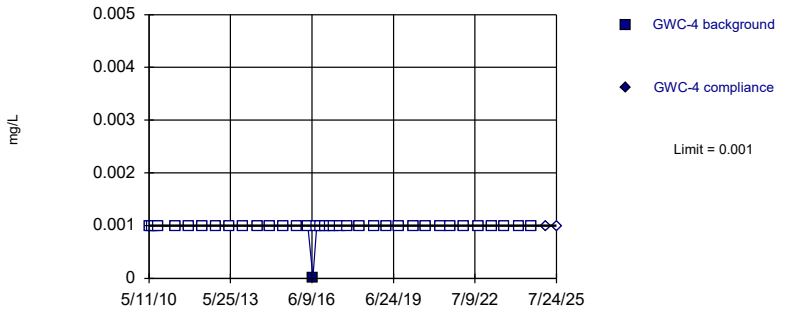
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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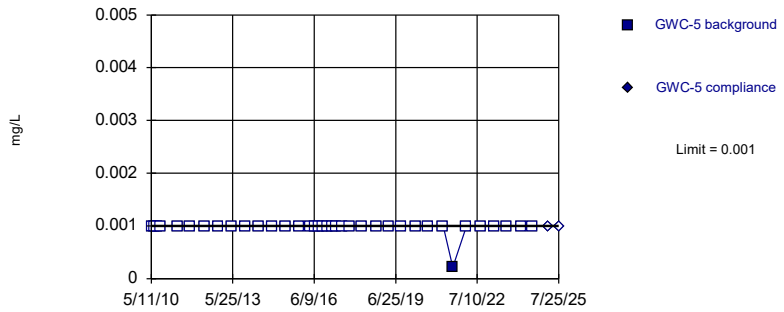
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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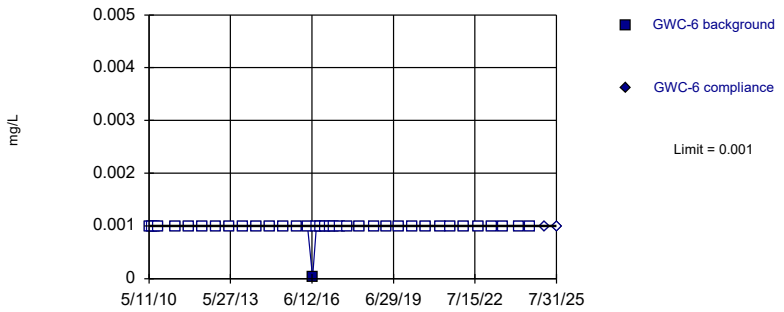
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



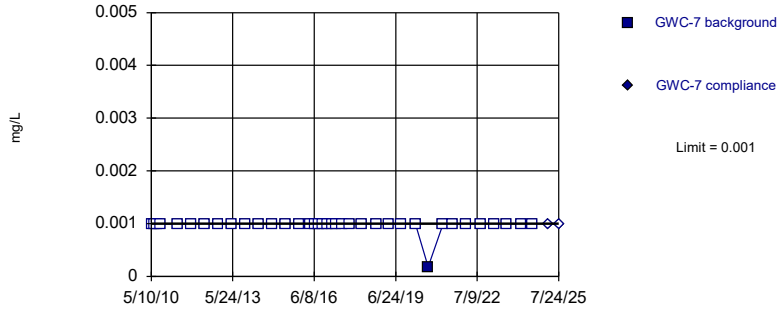
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



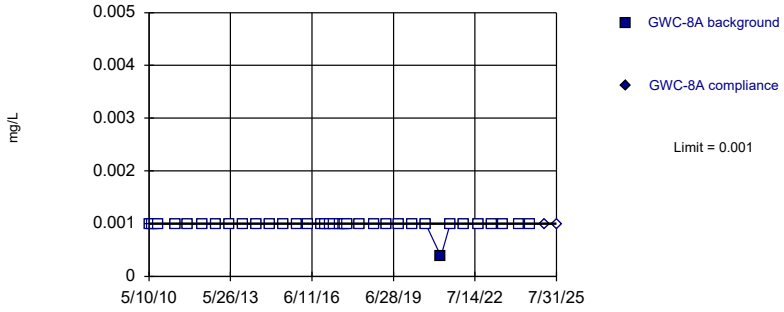
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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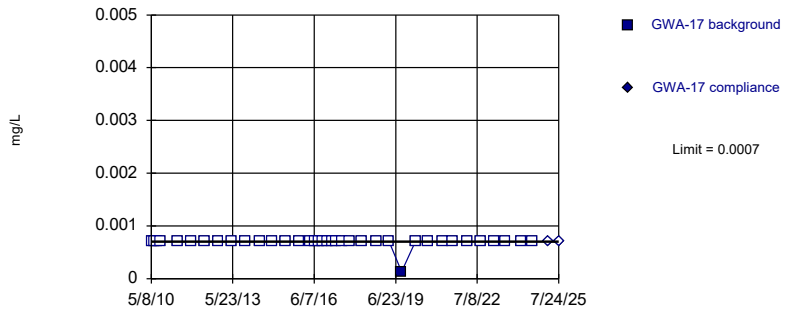
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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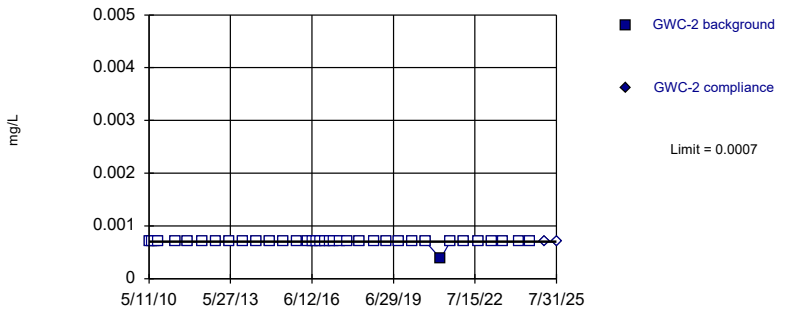
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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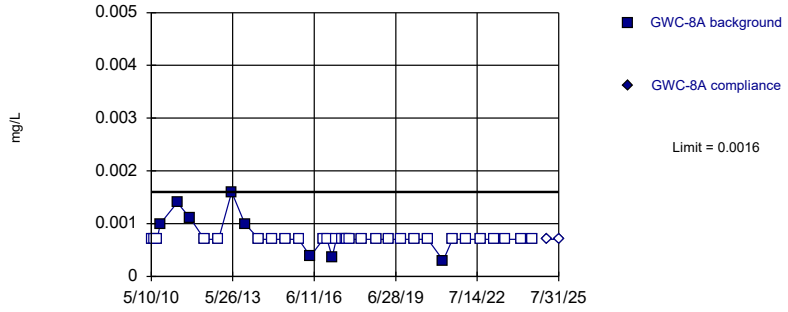
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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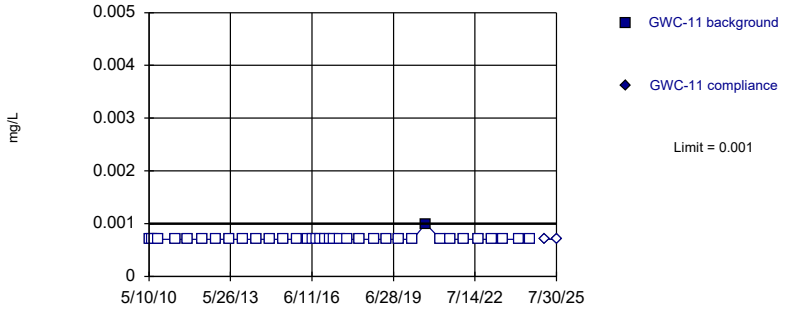
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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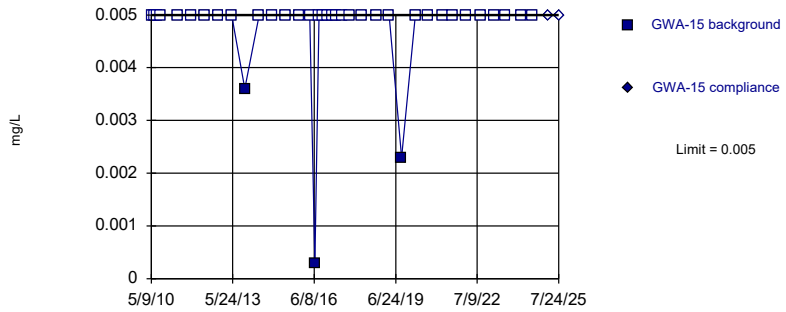
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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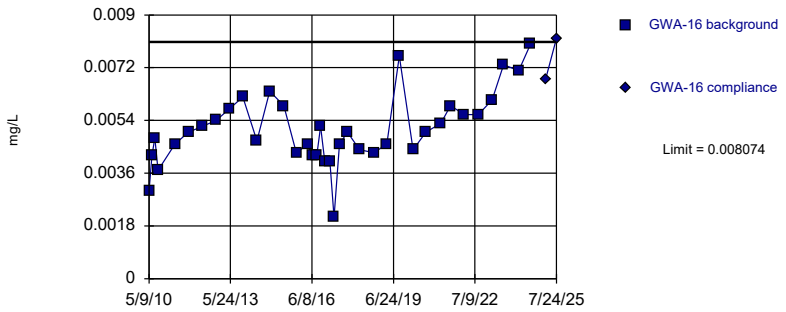
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005088, Std. Dev.=0.00122, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.967, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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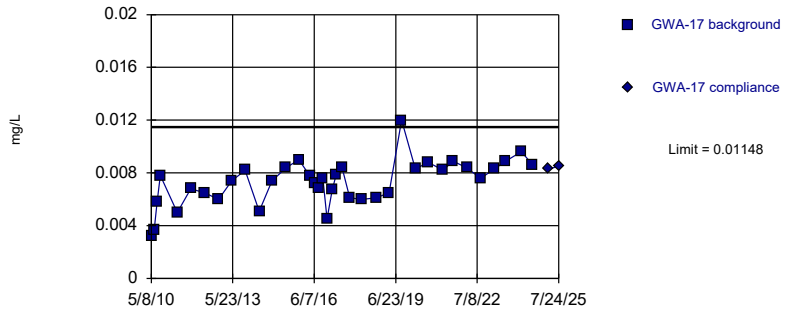
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007284, Std. Dev.=0.001716, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9682, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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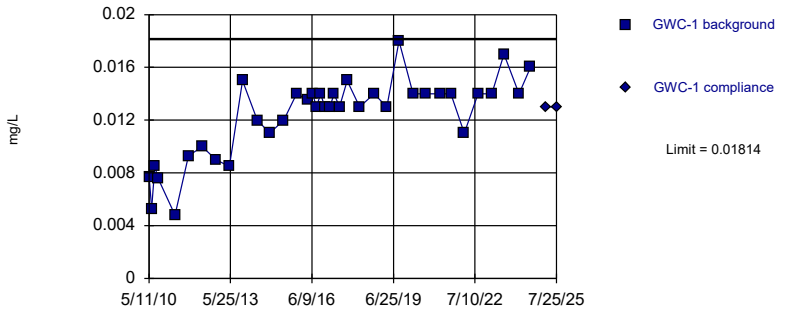
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001616, Std. Dev.=0.00006843, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9355, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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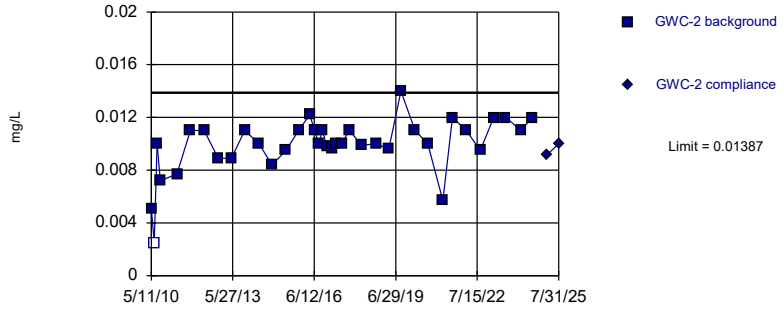
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001026, Std. Dev.=0.00003666, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9465, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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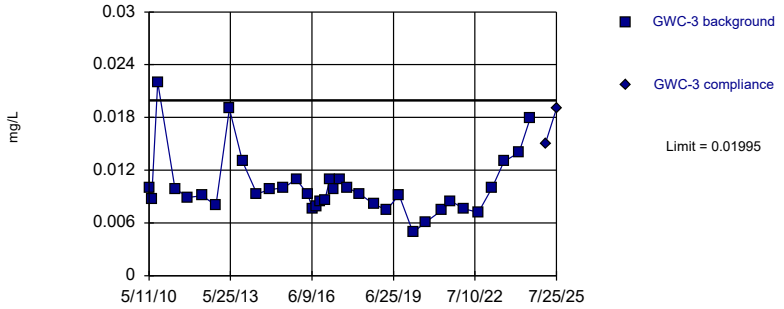
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.643, Std. Dev.=0.2968, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.912. Kappa = 2.454 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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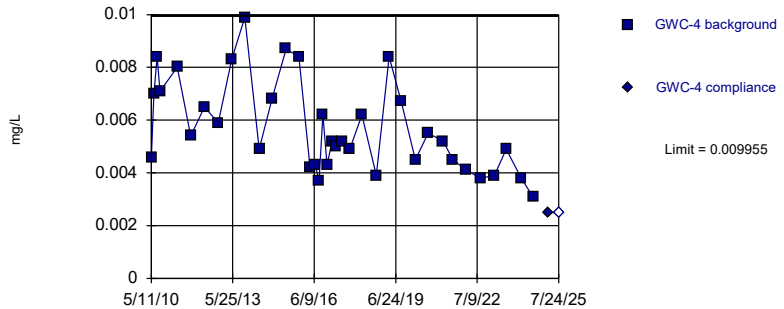
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005713, Std. Dev.=0.001734, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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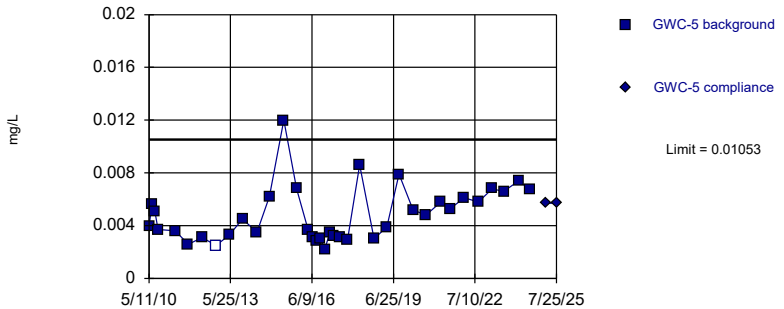
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06791, Std. Dev.=0.01419, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9345, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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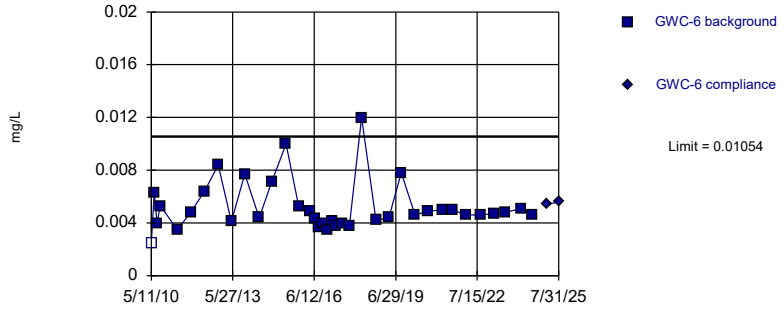
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-5.311, Std. Dev.=0.3102, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9187, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:56 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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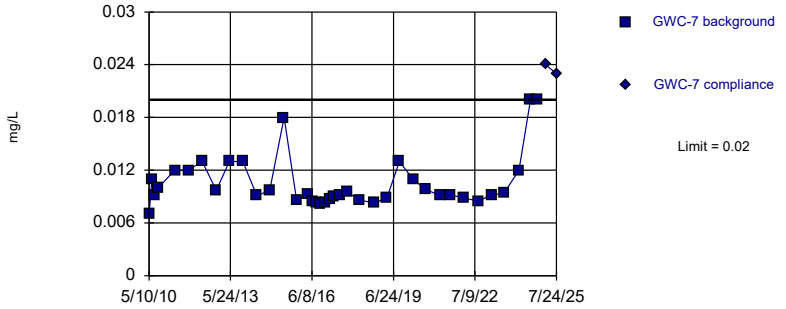
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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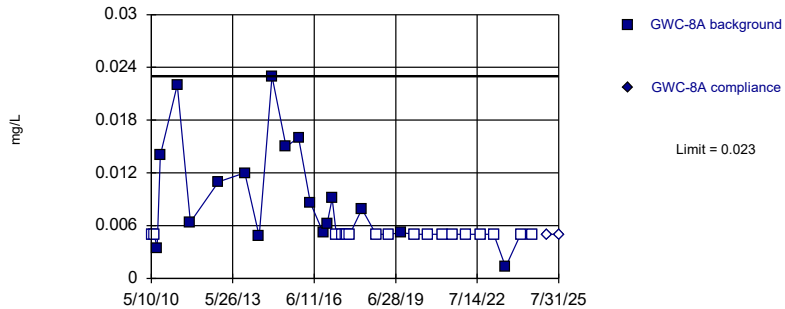
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 51.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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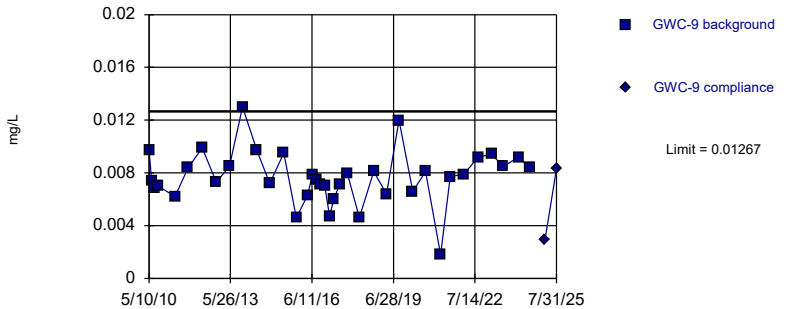
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007694, Std. Dev.=0.002034, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9645, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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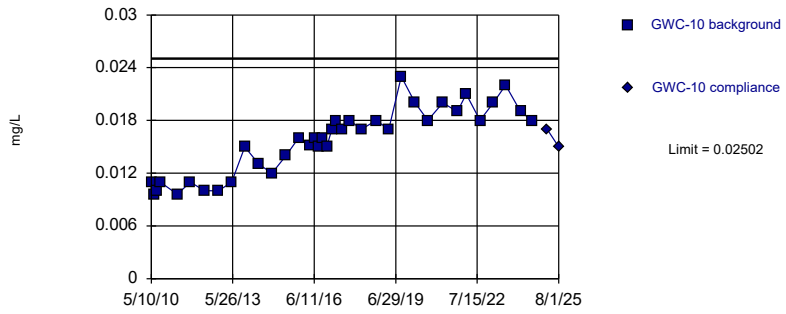
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01568, Std. Dev.=0.003816, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9368, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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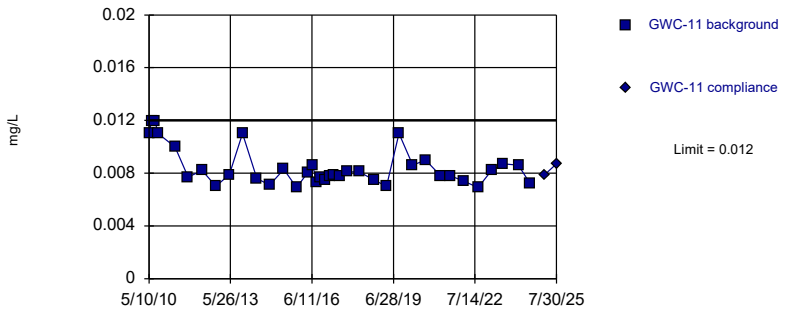
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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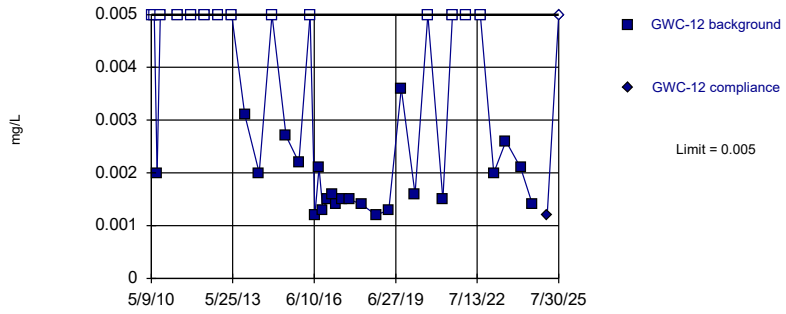
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 37.84% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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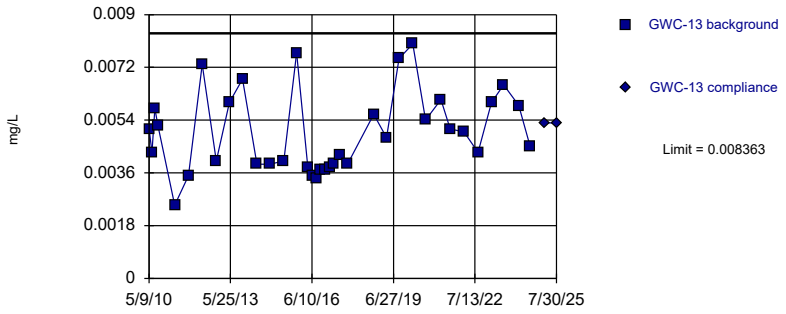
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004964, Std. Dev.=0.001385, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.912. Kappa = 2.454 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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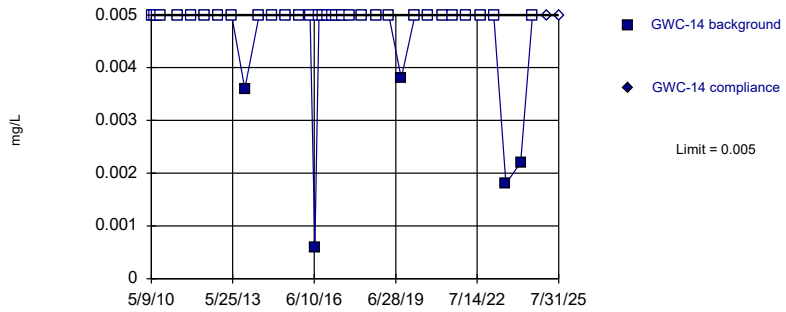
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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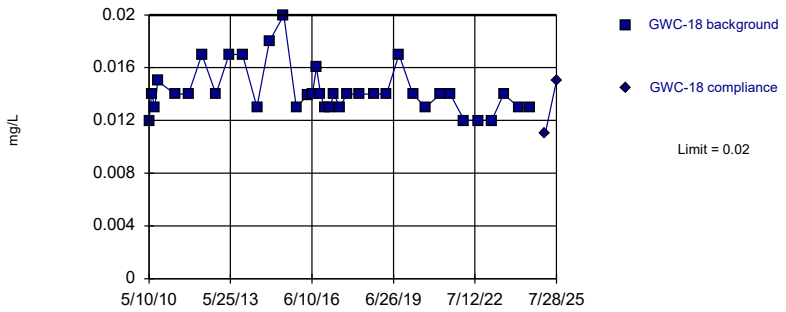
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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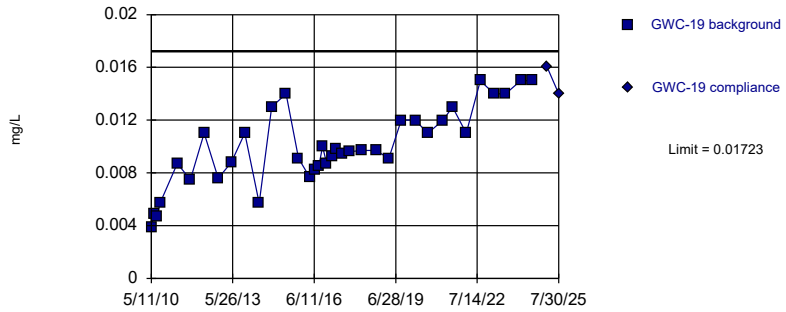
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00998, Std. Dev.=0.002962, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9603, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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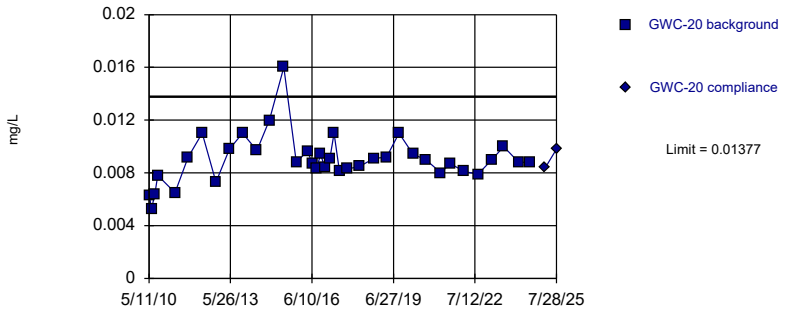
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.0945, Std. Dev.=0.00934, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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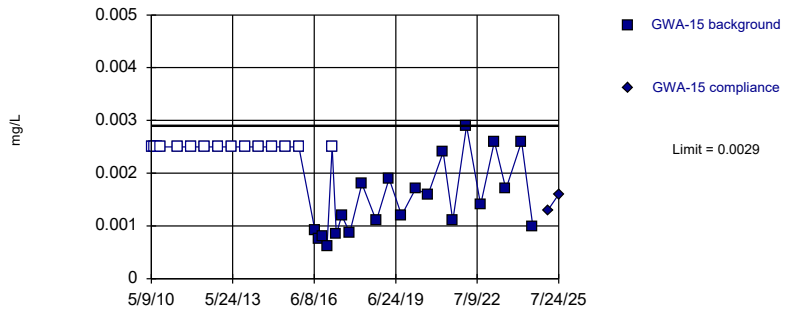
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 41.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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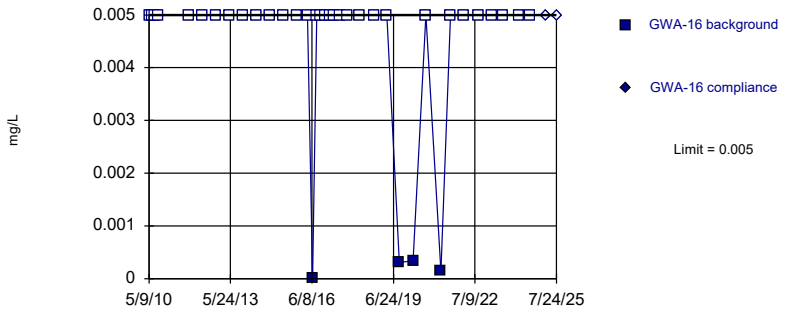
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
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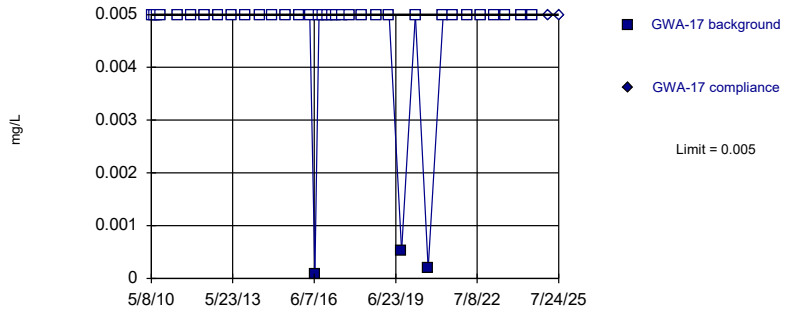
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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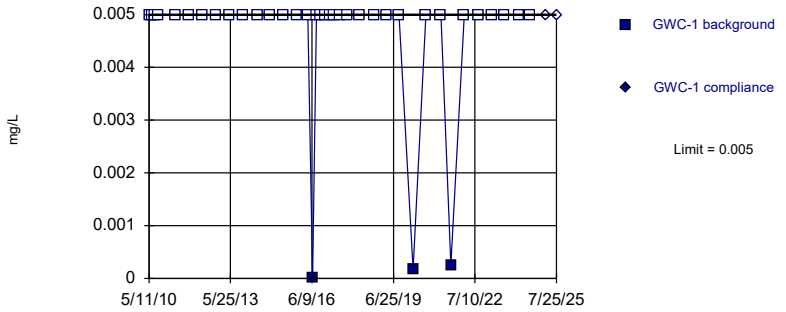
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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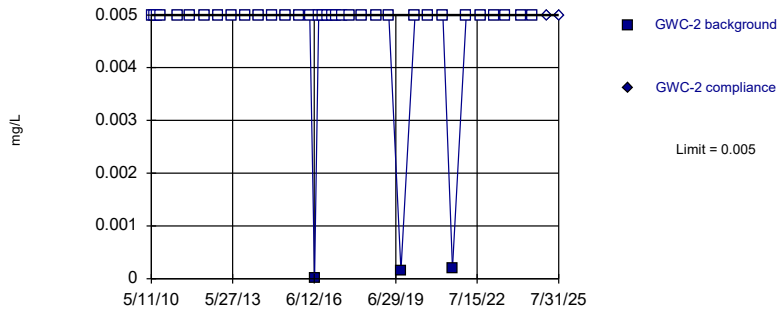
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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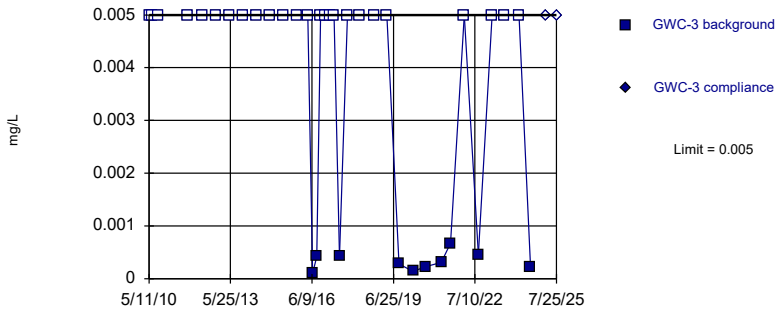
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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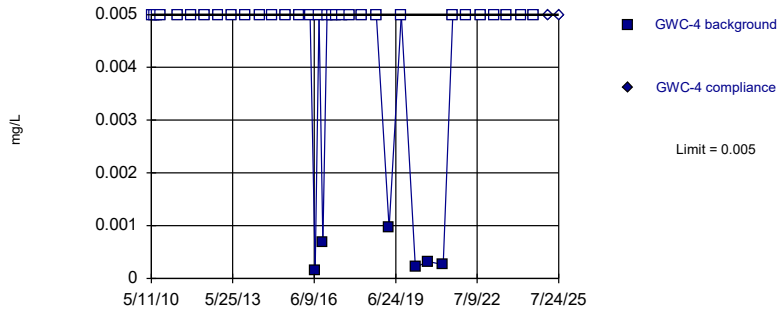
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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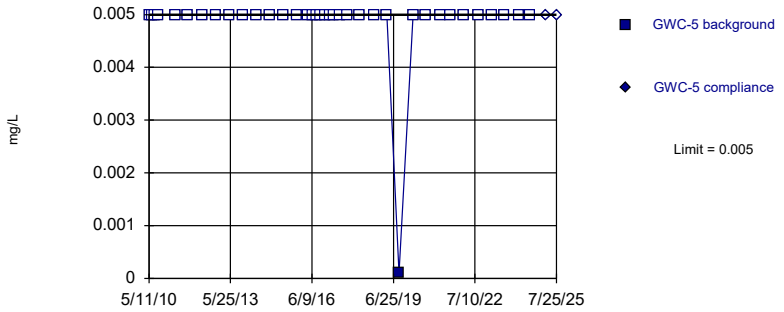
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



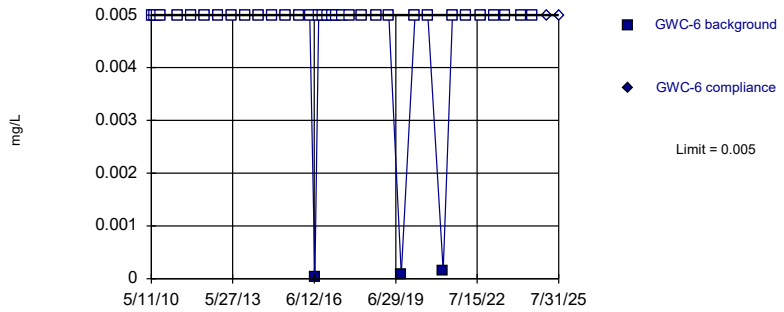
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



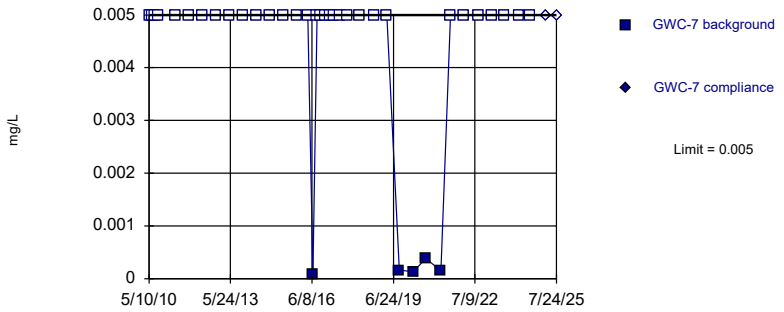
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



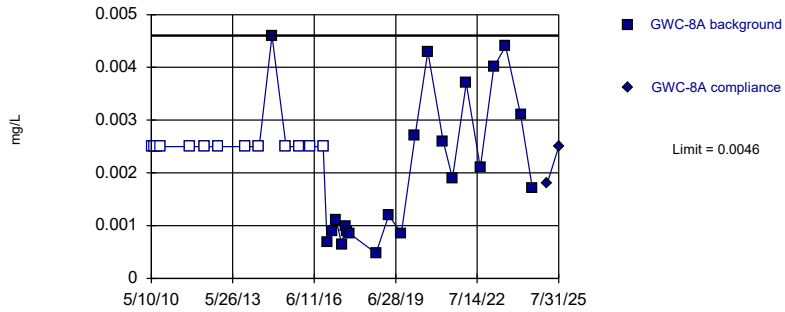
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 38.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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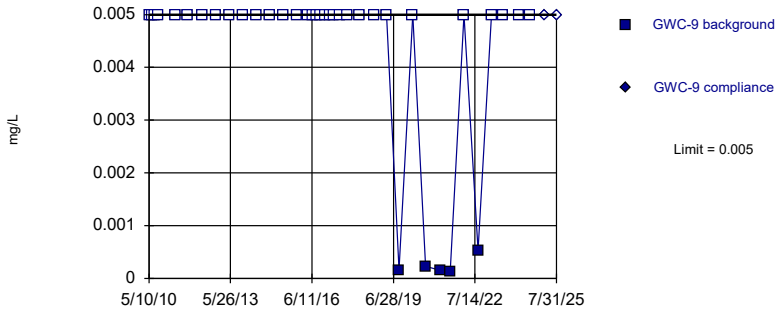
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

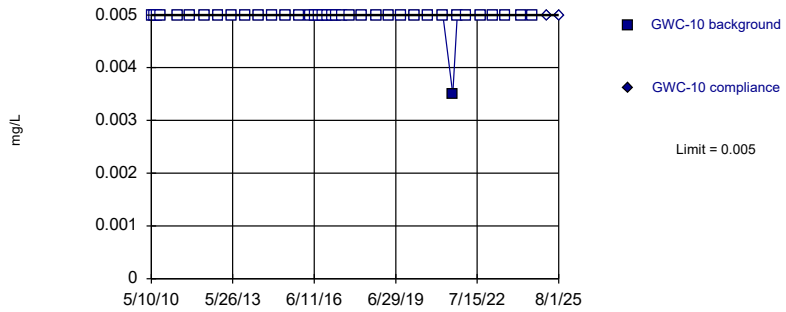
Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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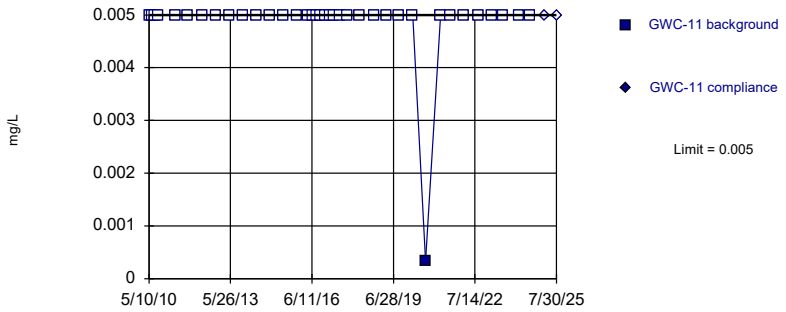
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

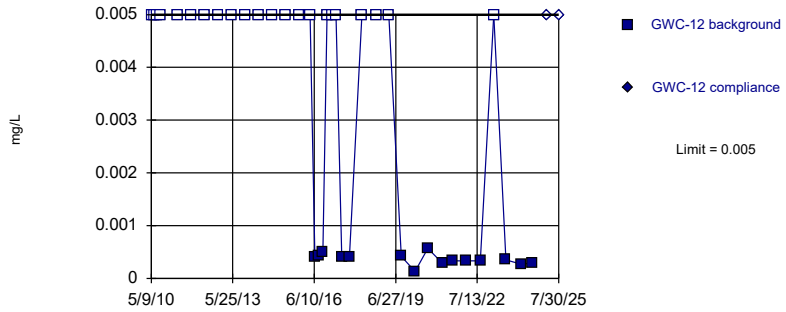
Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 59.46% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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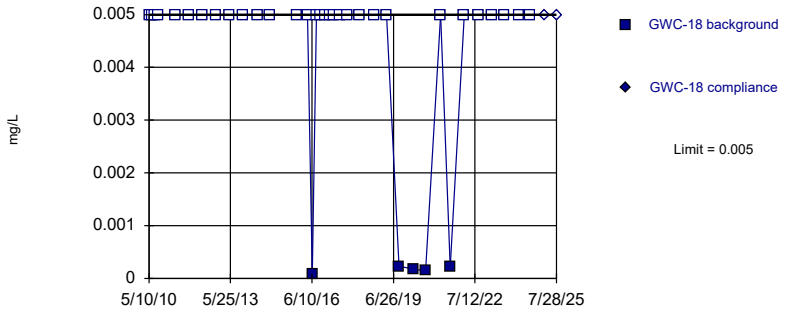
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

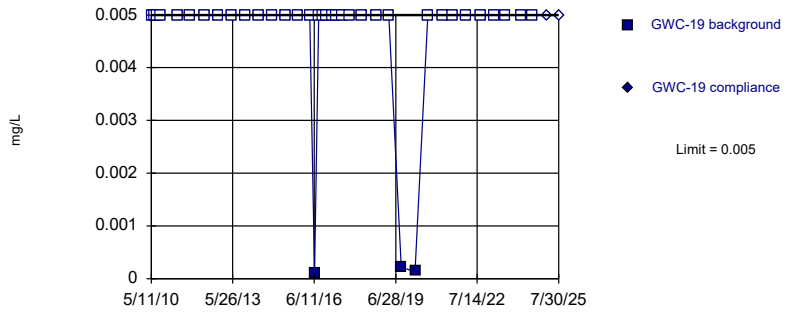
Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

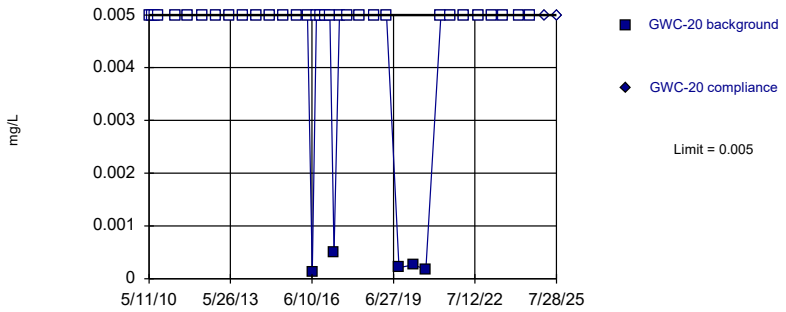
Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

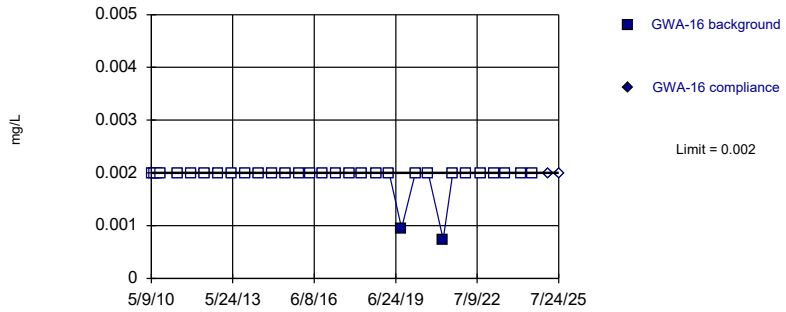
Constituent: Cobalt Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

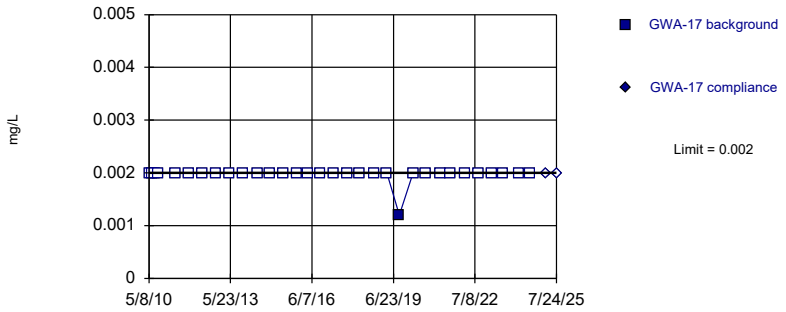
Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



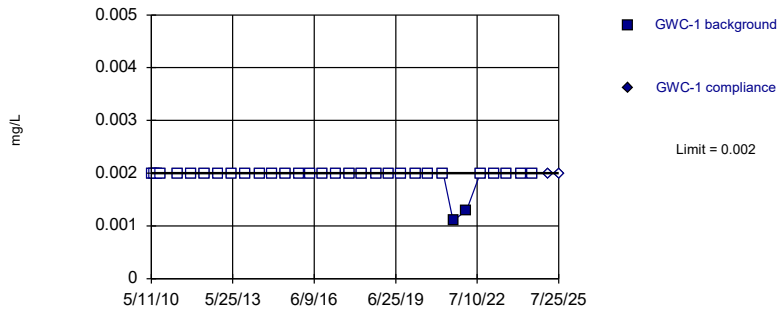
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



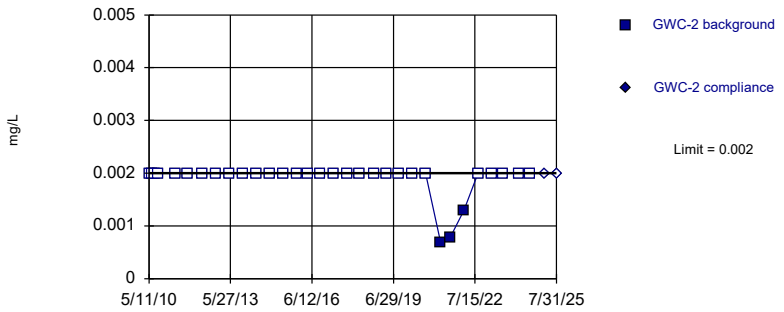
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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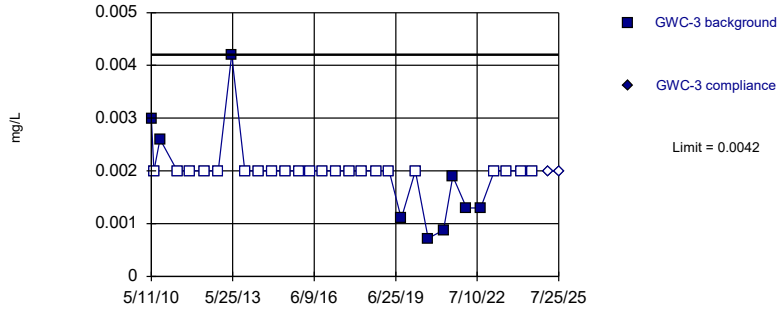
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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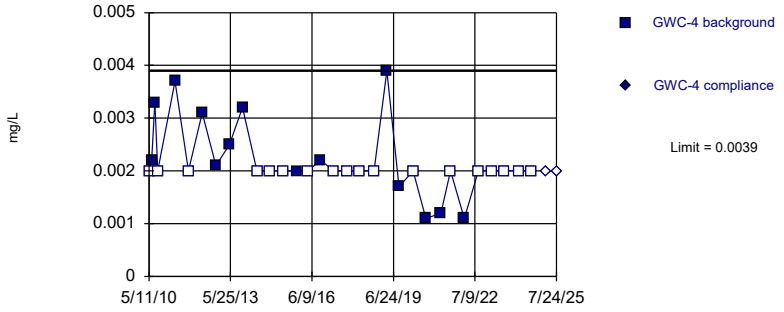
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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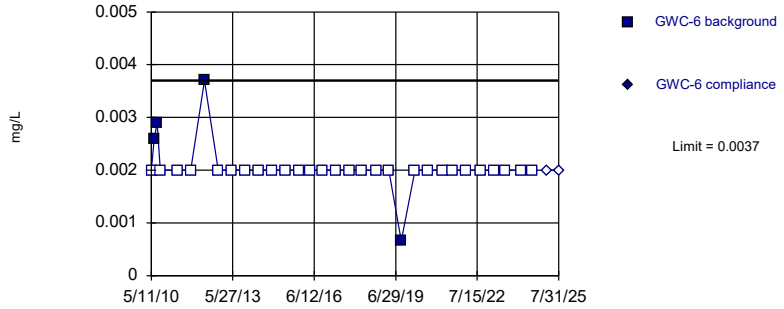
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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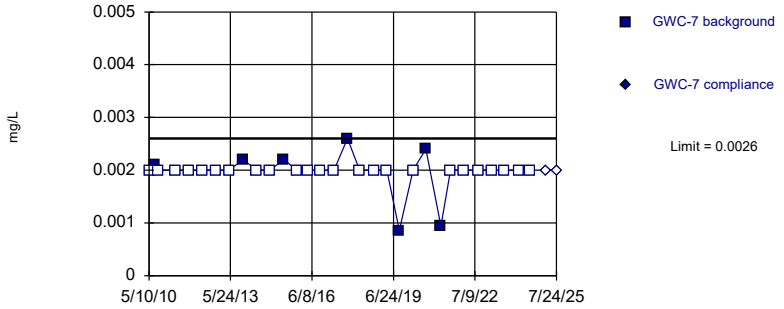
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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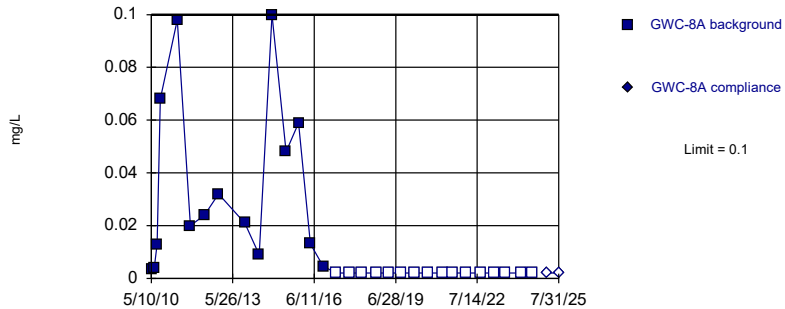
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 51.61% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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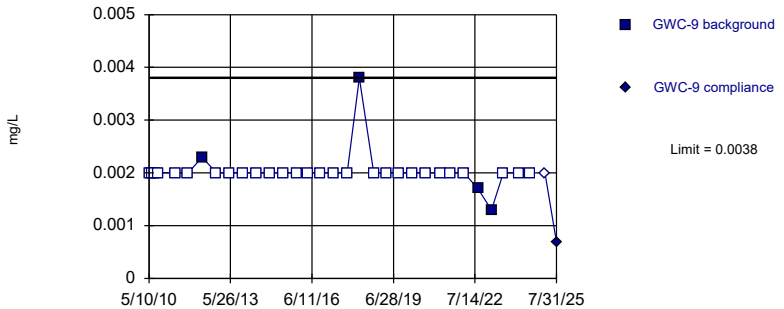
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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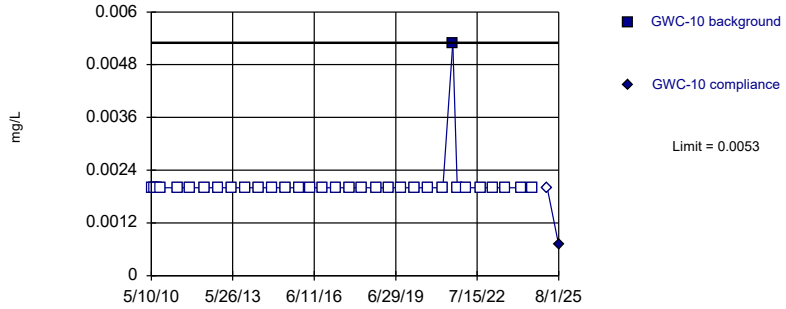
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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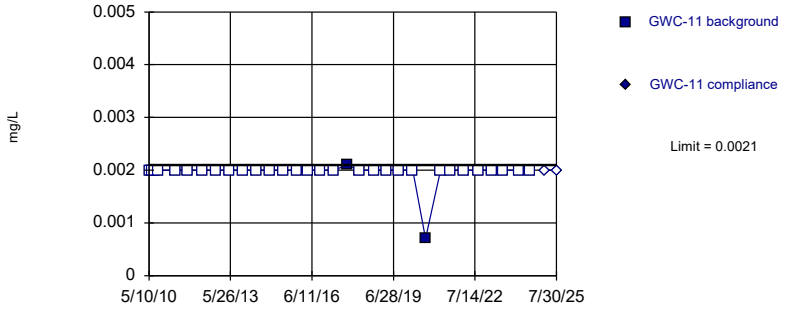
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

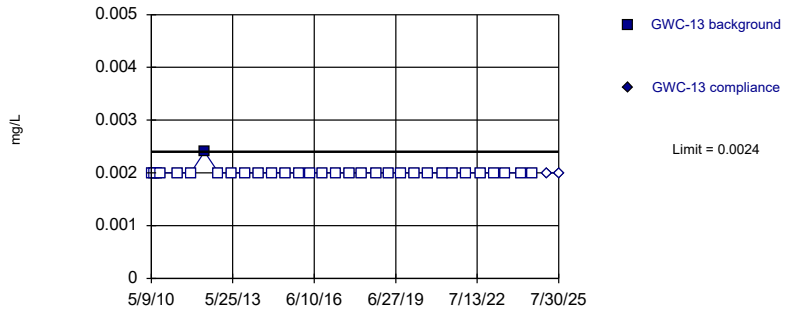
Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

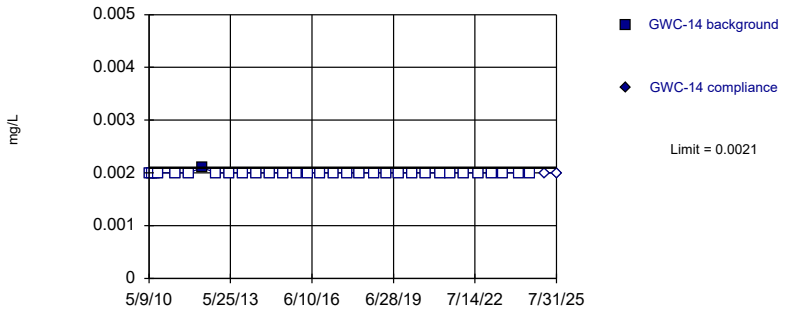
Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

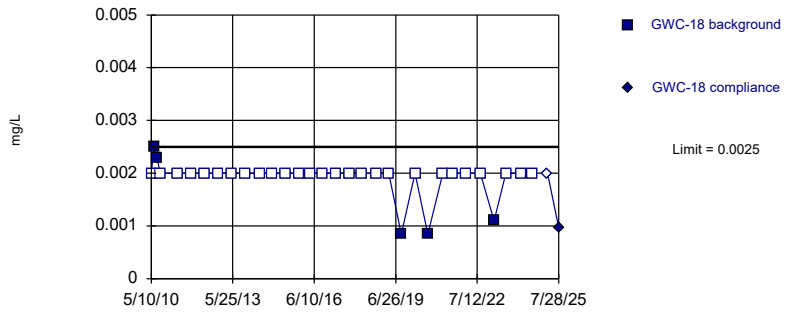
Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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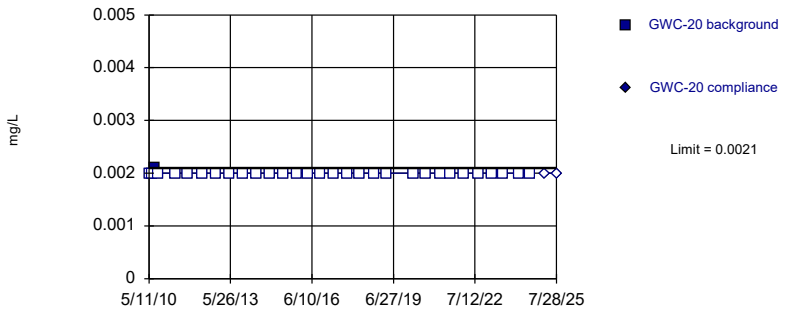
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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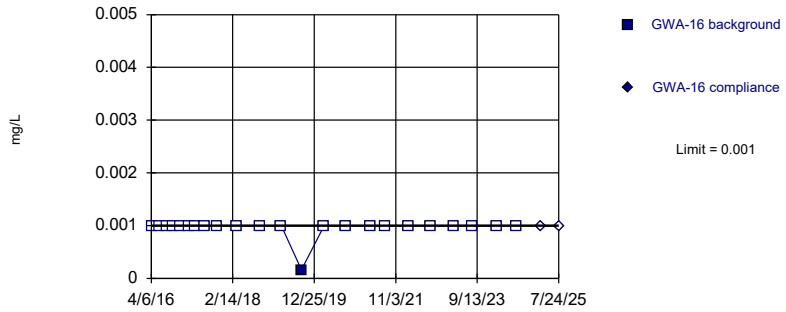
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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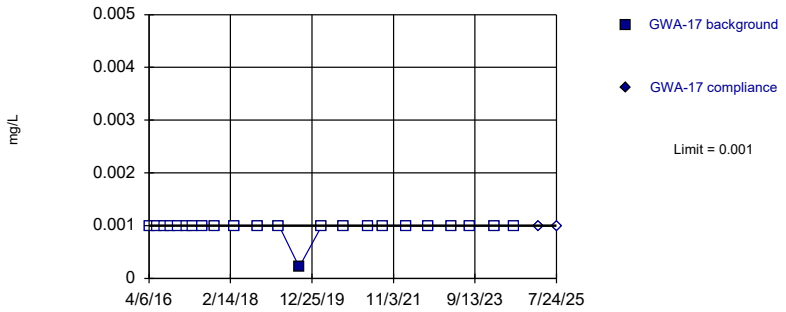
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

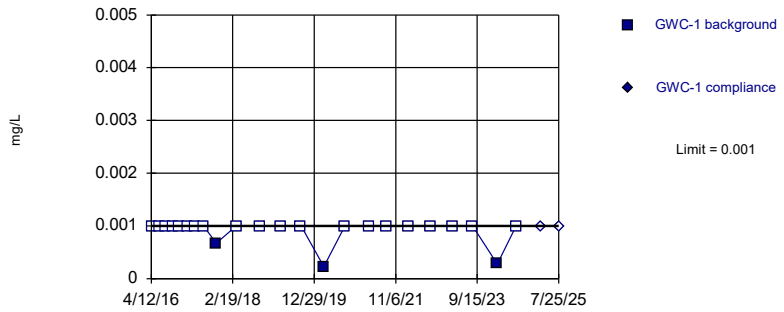
Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

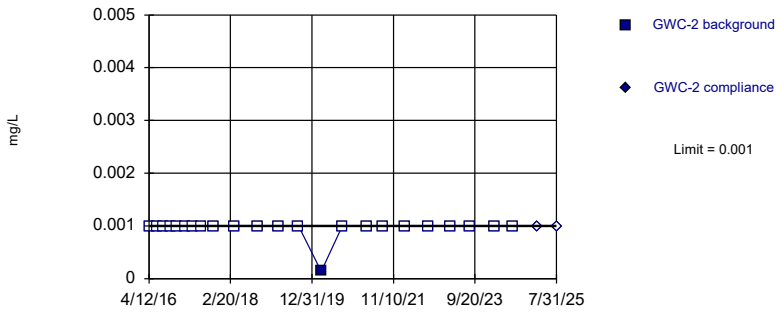
Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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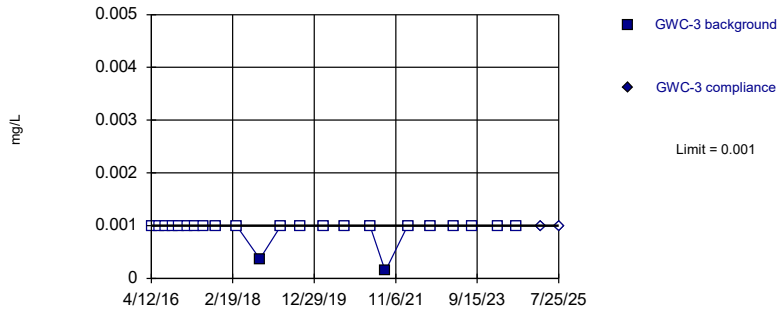
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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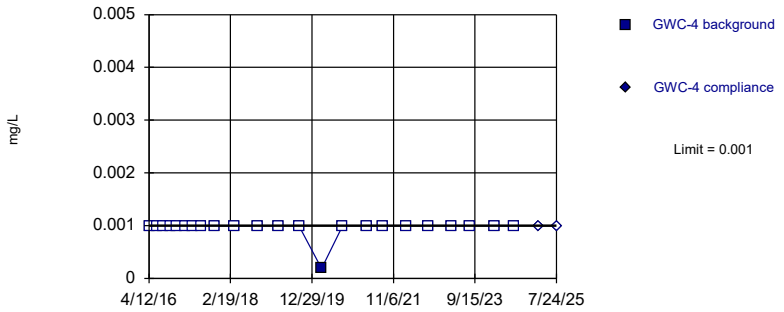
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

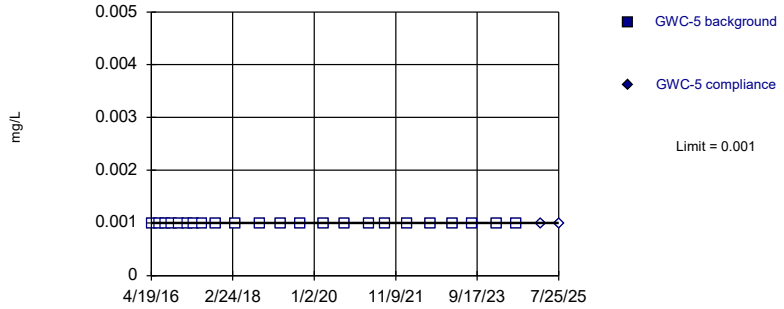
Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

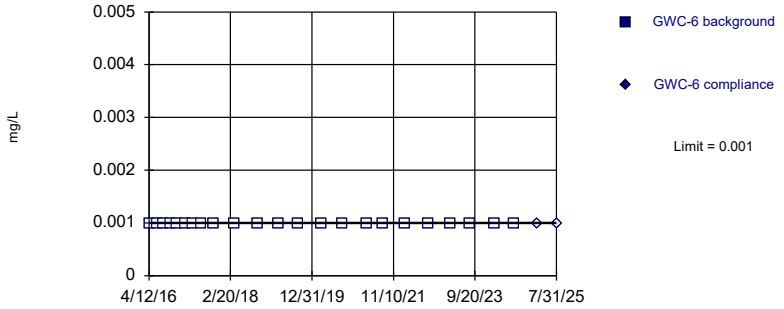
Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

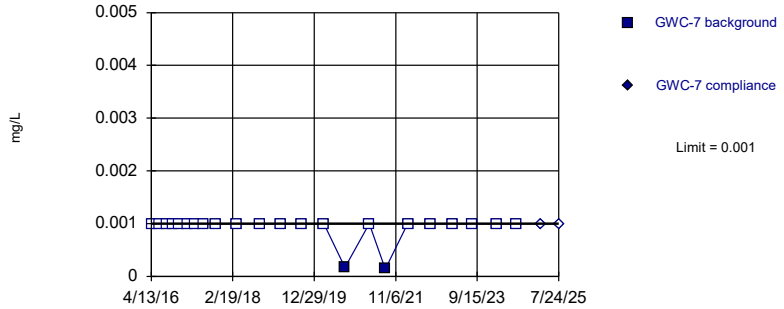
Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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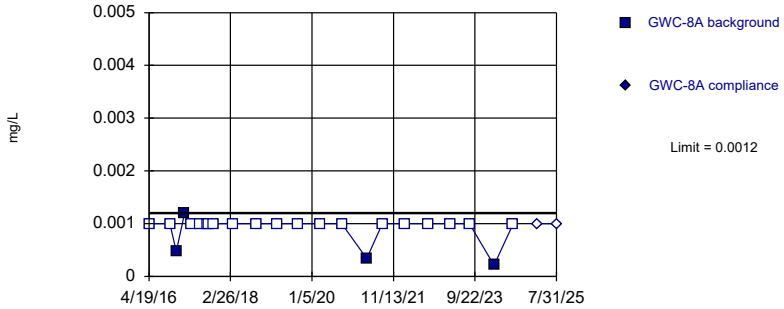
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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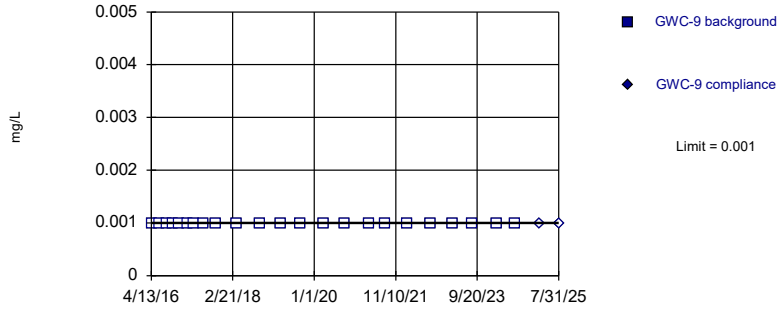
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:57 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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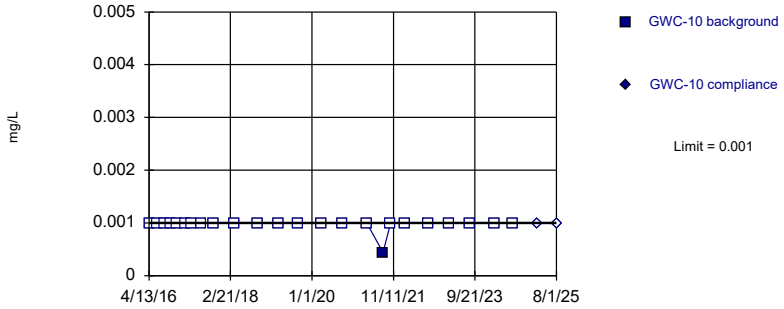
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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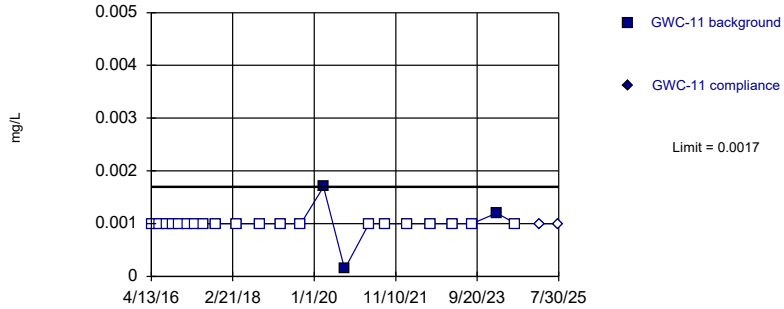
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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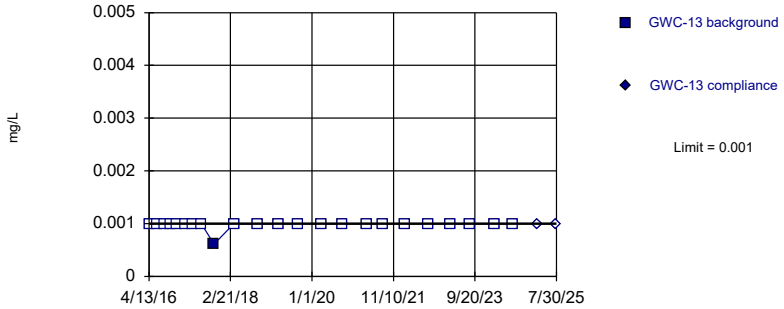
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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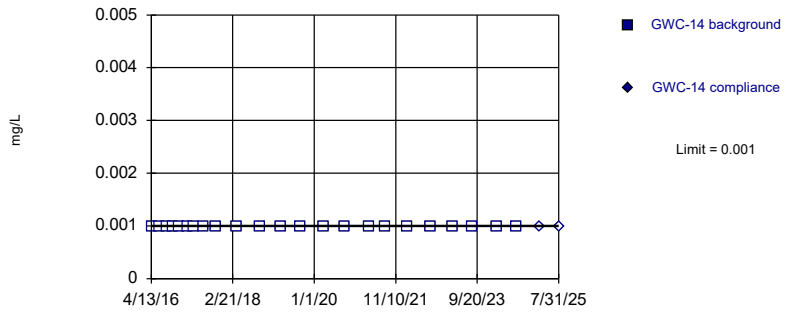
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

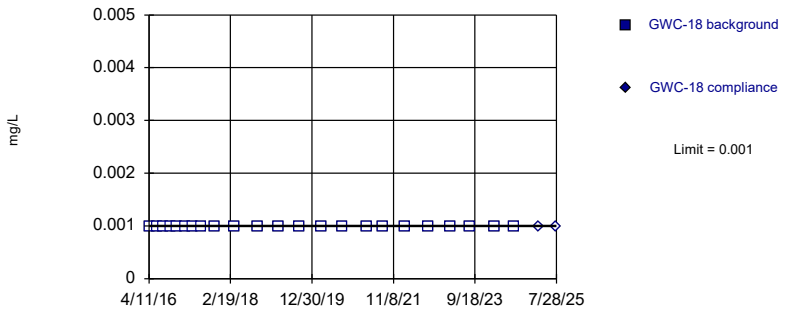
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

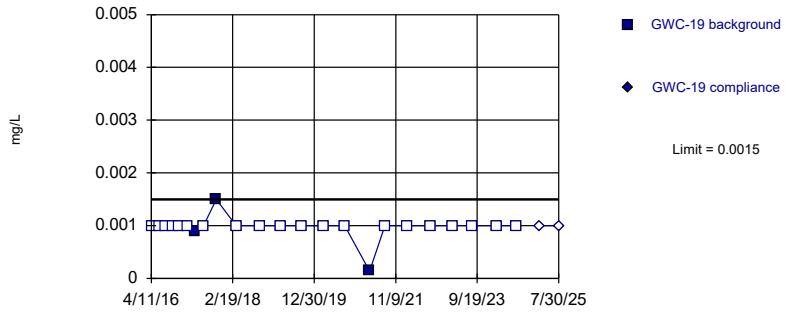
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

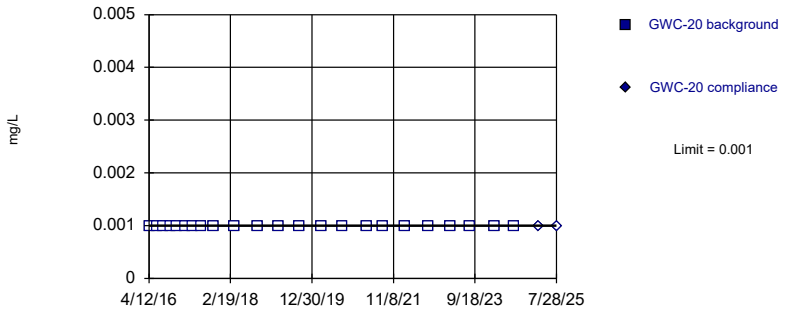
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

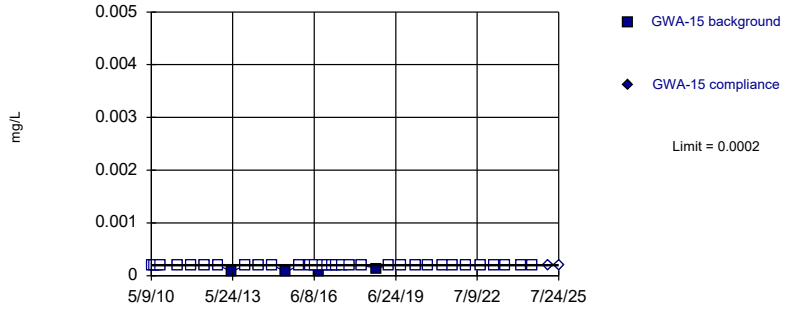
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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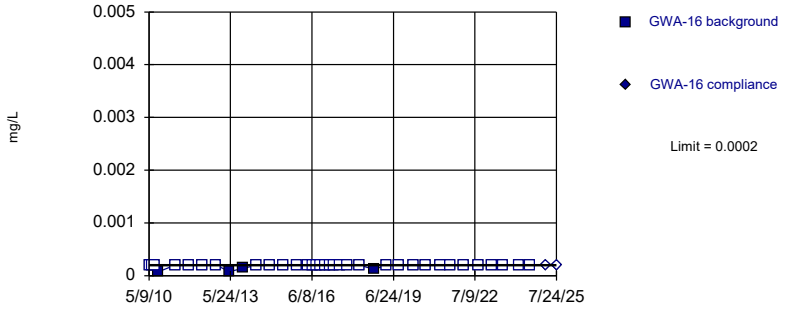
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

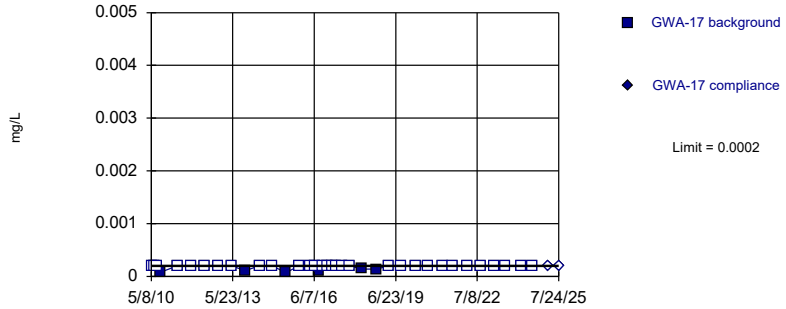
Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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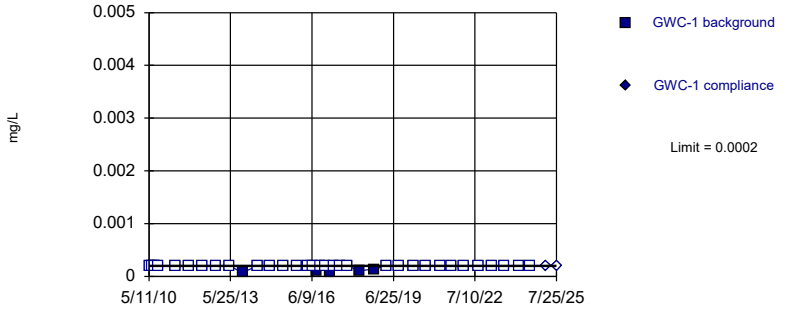
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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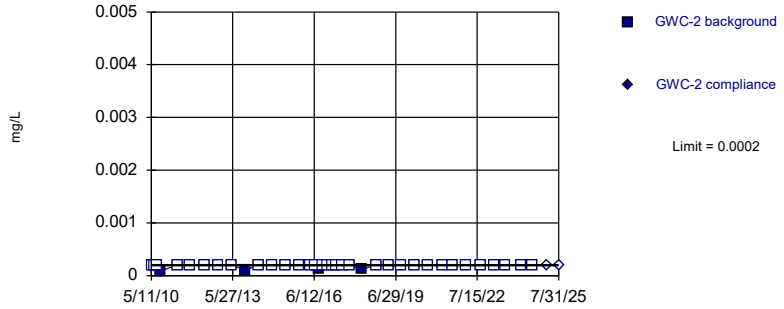
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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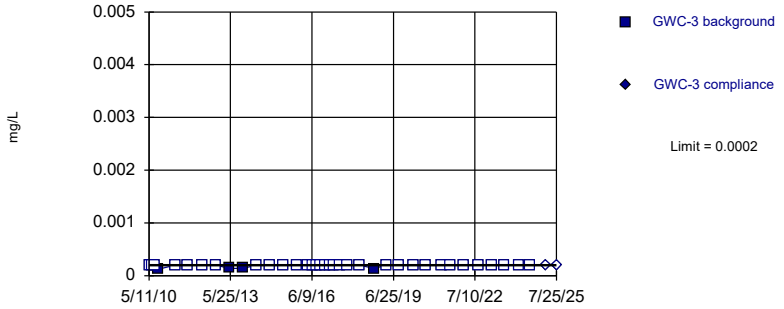
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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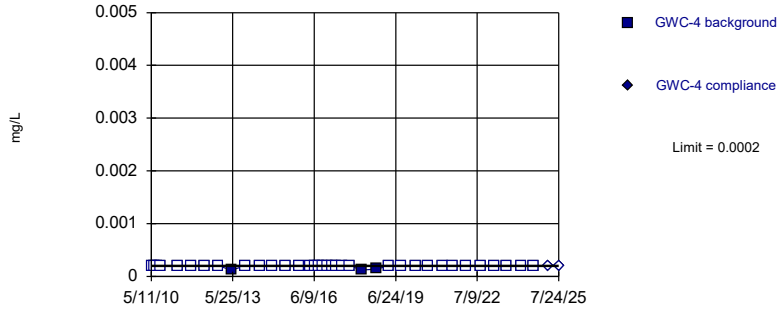
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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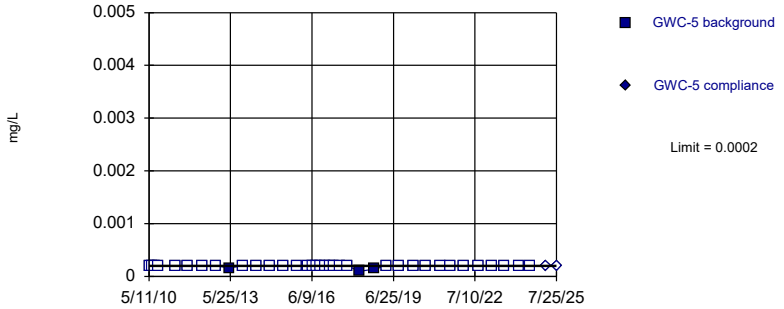
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



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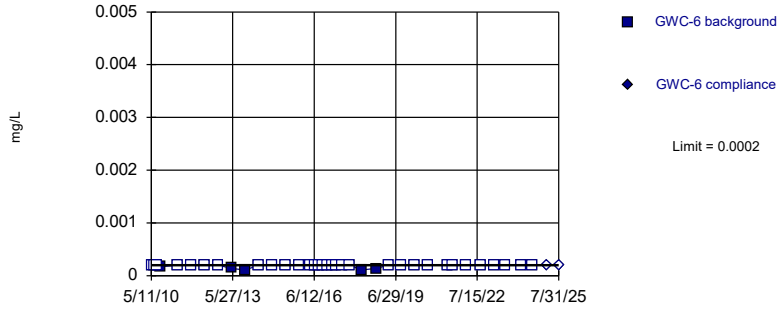
Within Limit

Prediction Limit

Intrawell Non-parametric



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Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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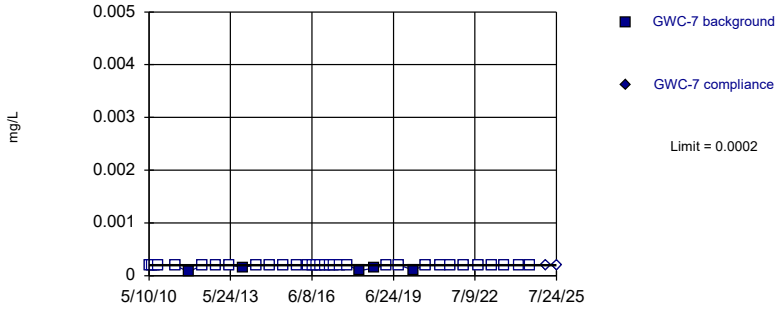
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

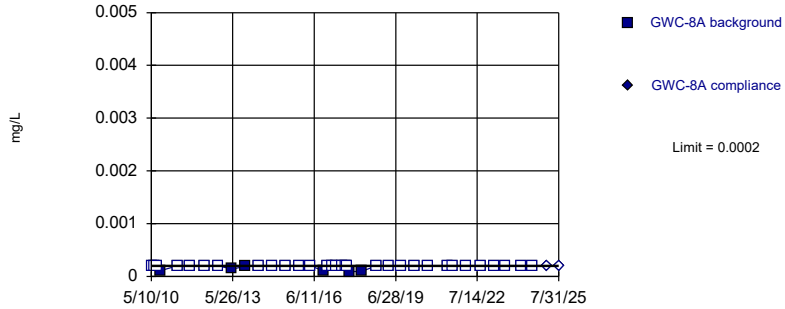
Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

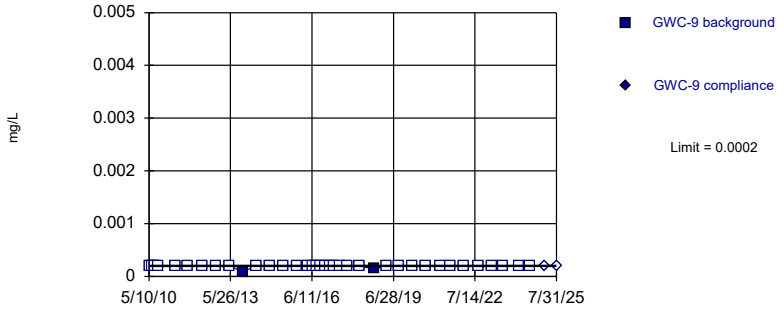
Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



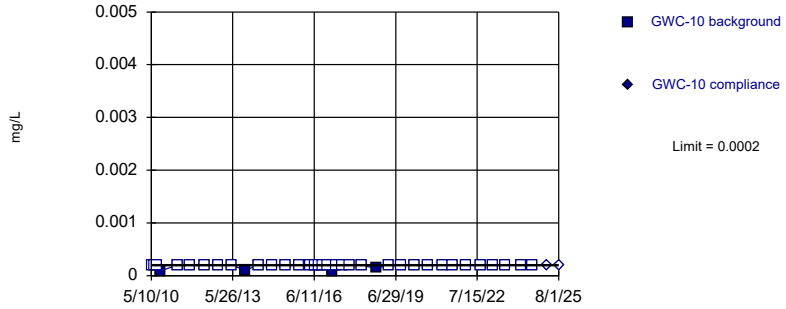
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



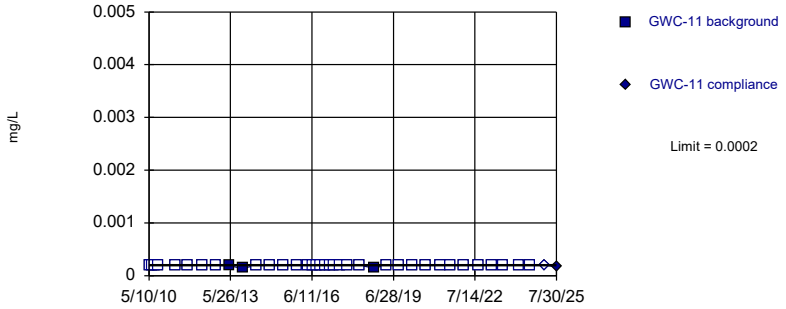
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



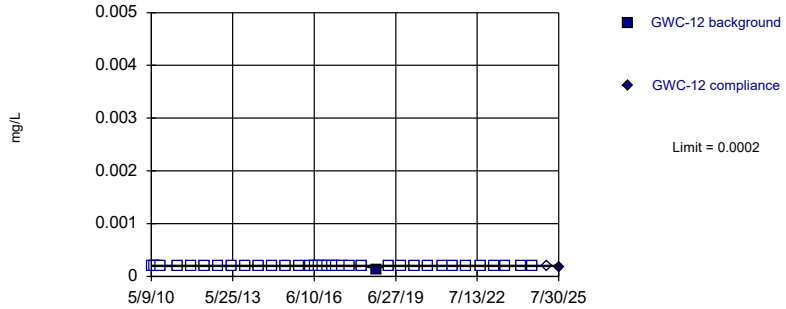
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



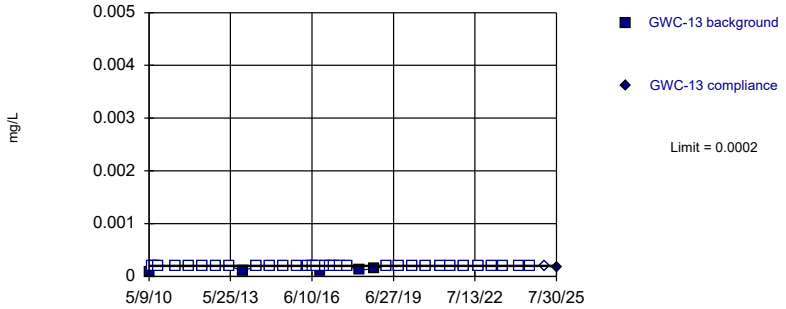
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



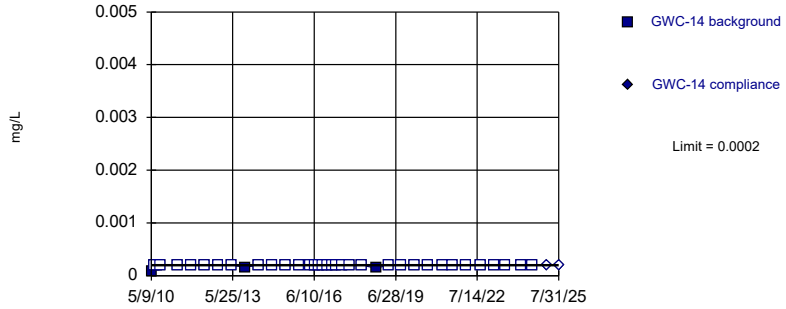
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



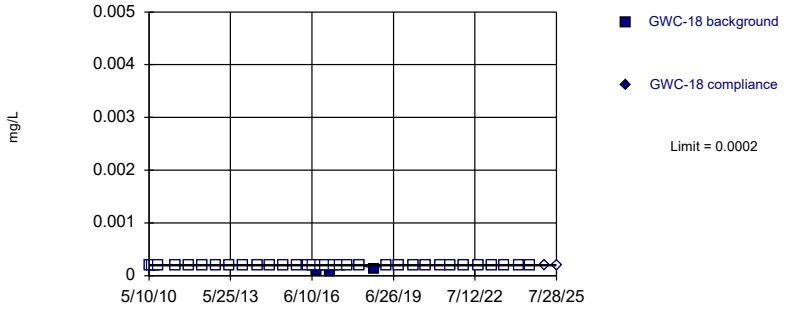
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



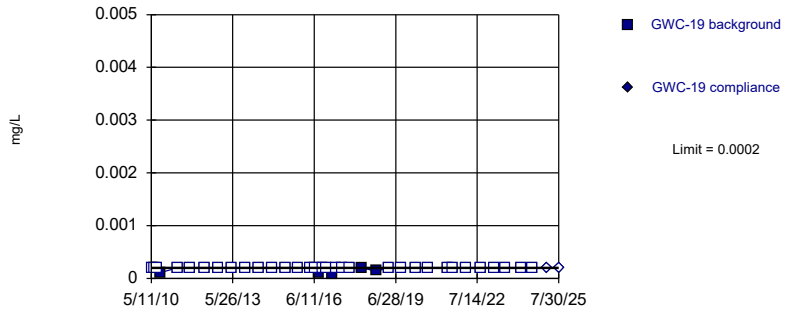
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



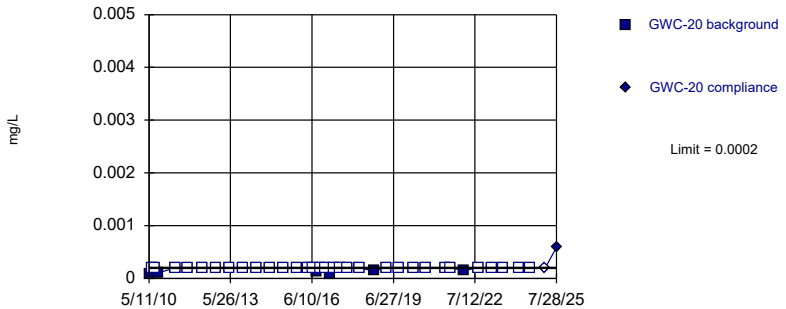
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

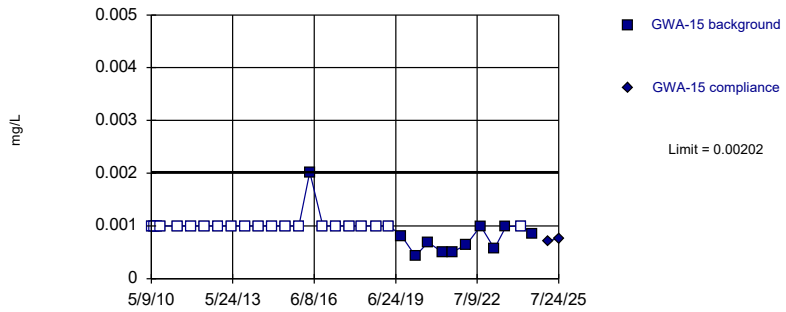
Constituent: Mercury Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 65.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

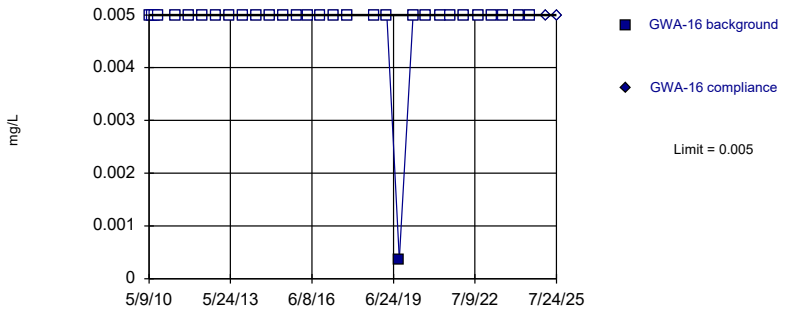
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

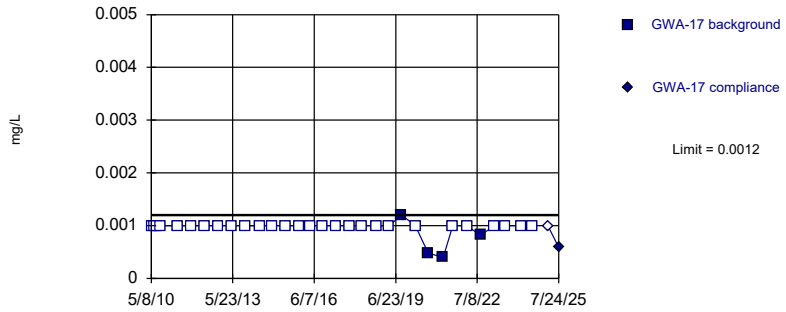
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

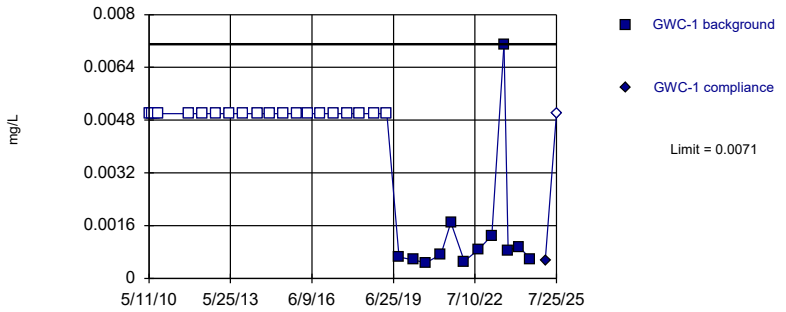
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

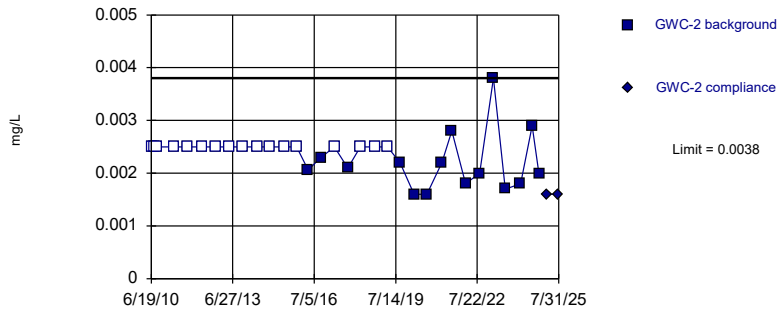
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 53.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

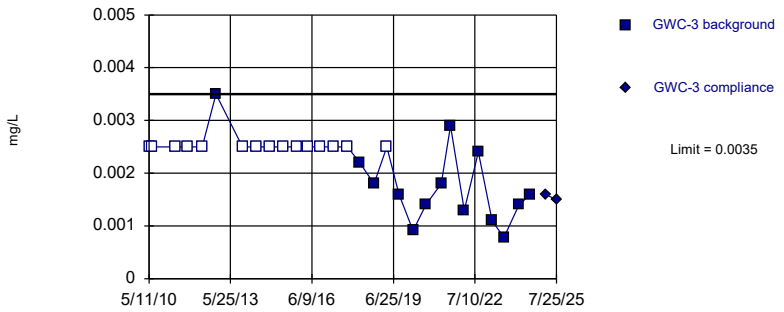
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 51.72% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

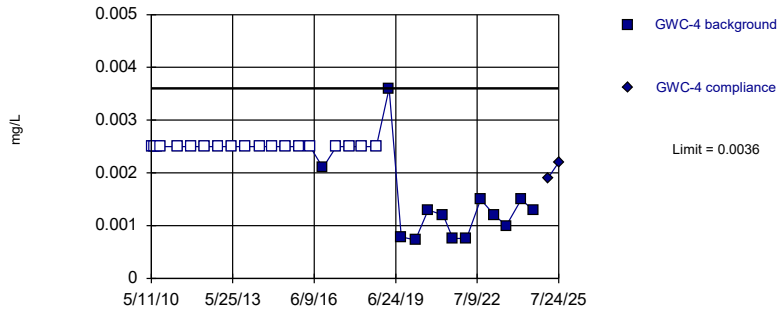
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 59.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

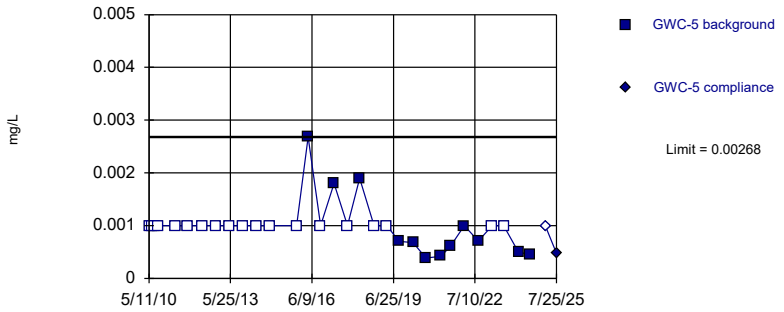
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 61.29% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

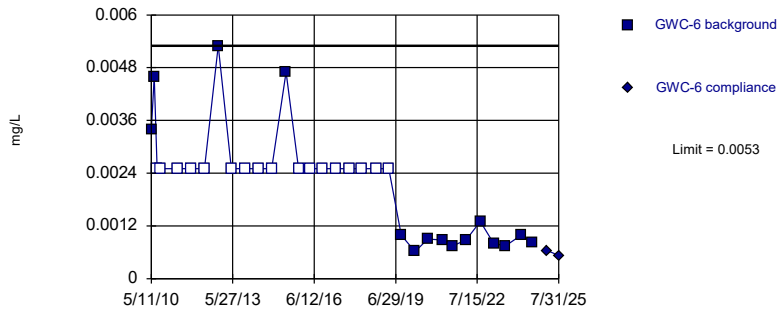
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 53.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

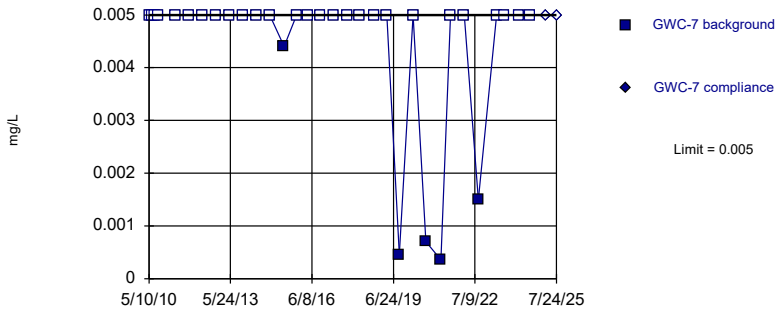
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

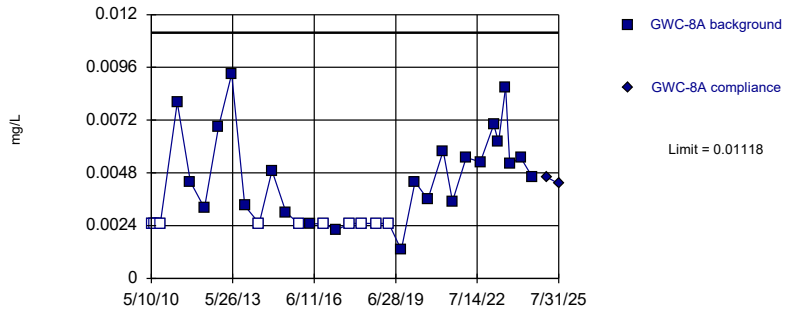
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1514, Std. Dev.=0.02922, n=34, 32.35% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9143, critical = 0.908. Kappa = 2.471 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

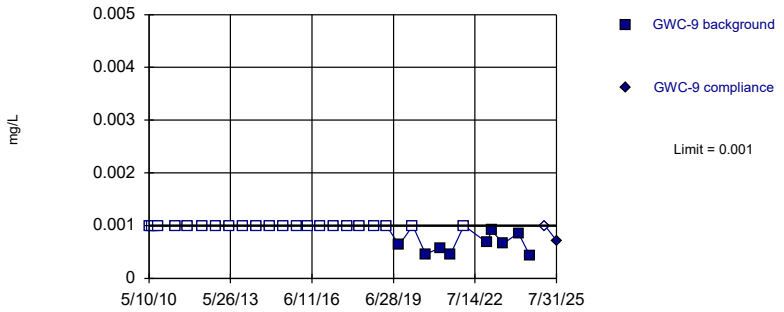
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

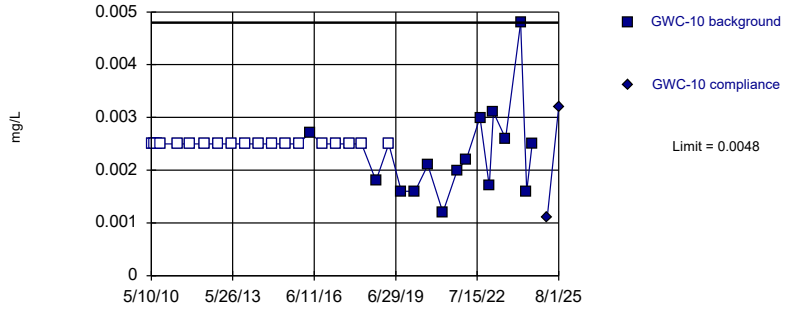
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 55.88% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

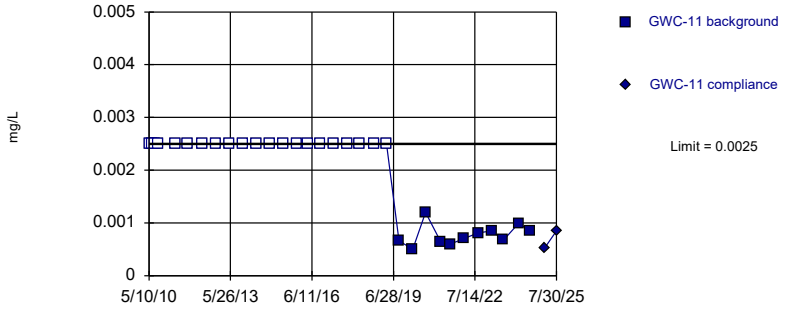
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 65.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

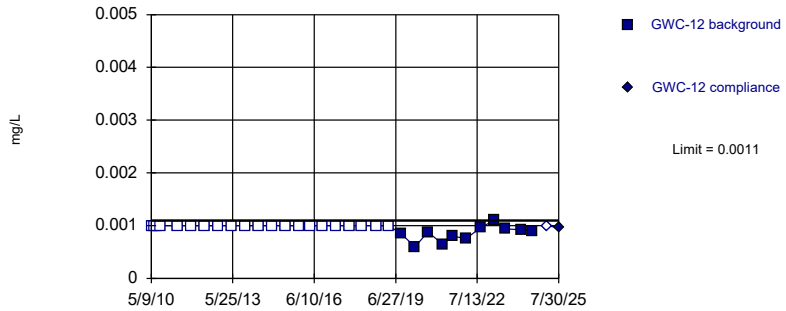
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 65.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

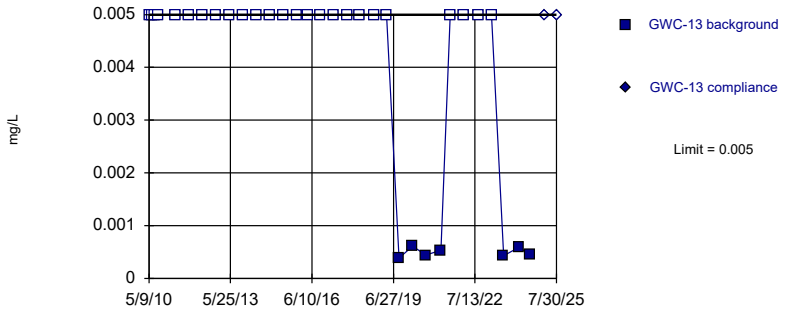
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 78.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

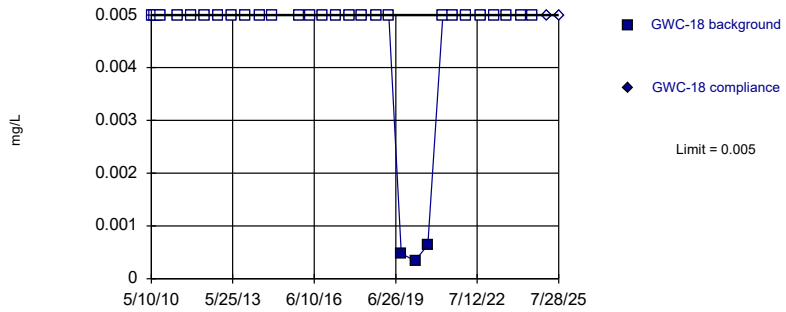
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

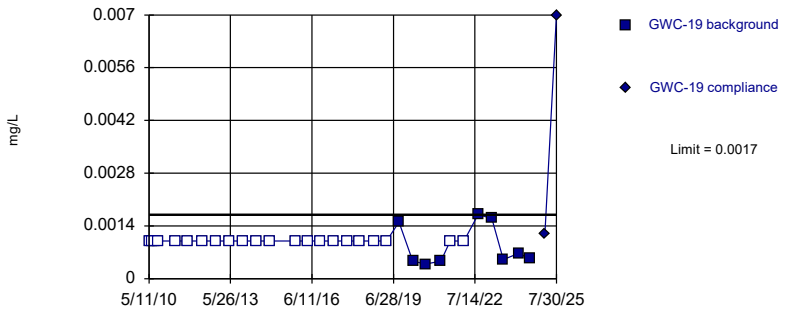
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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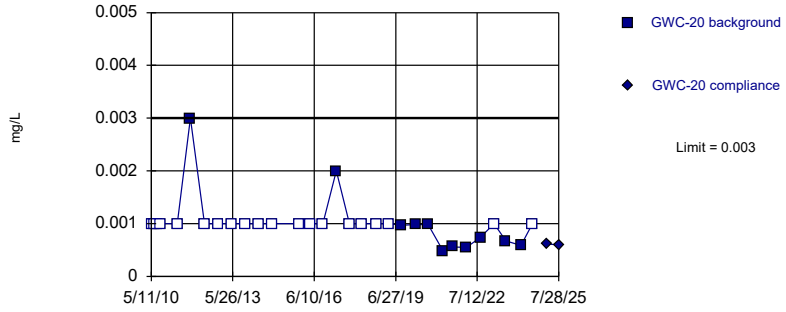
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

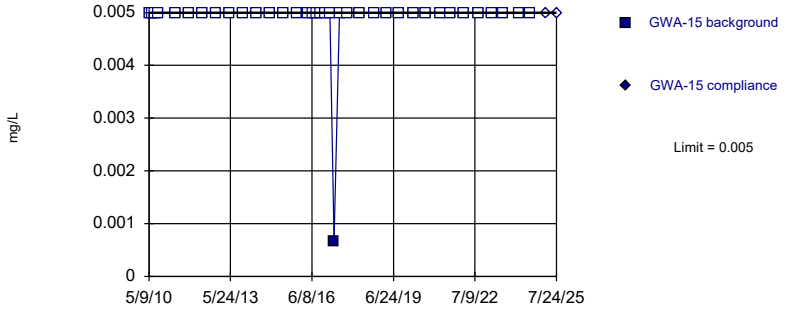
Constituent: Nickel Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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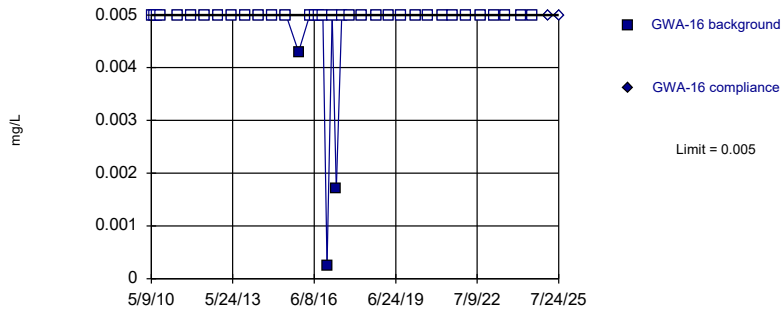
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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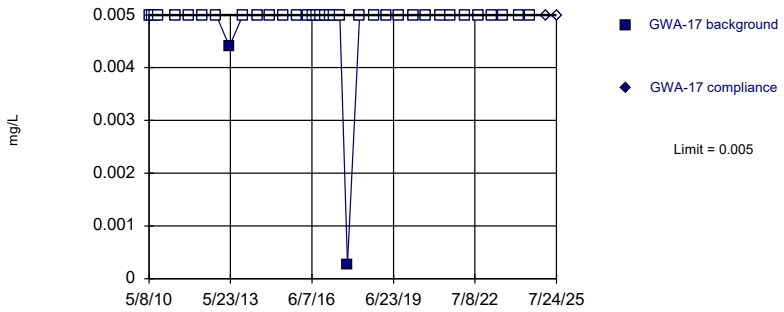
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

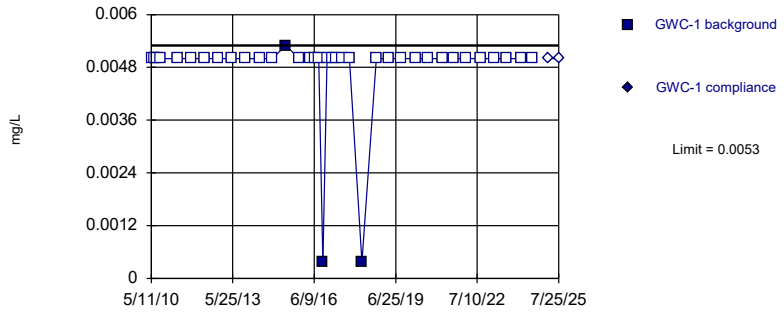
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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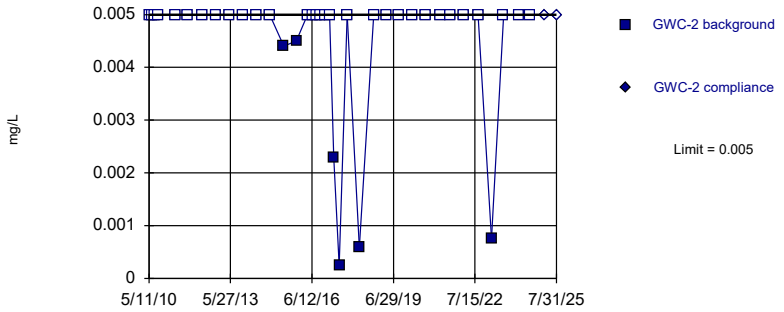
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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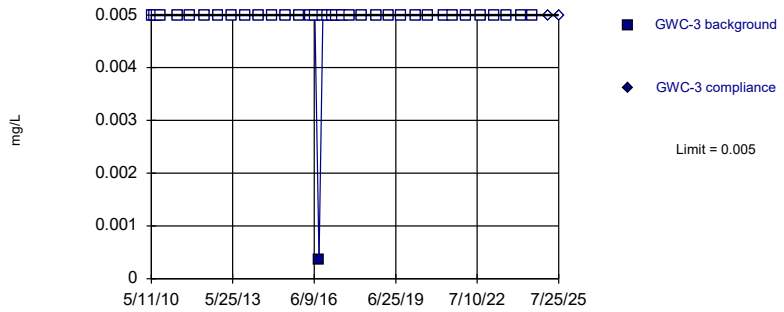
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

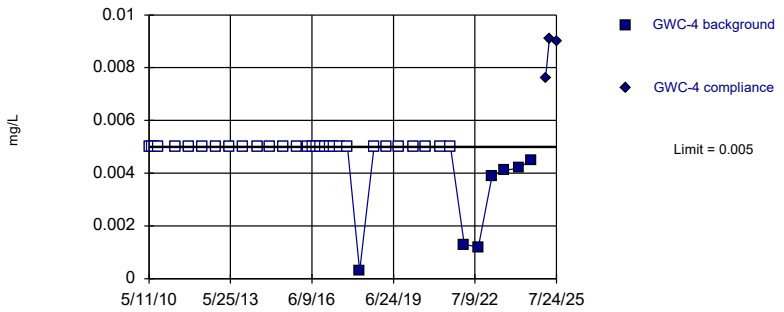
Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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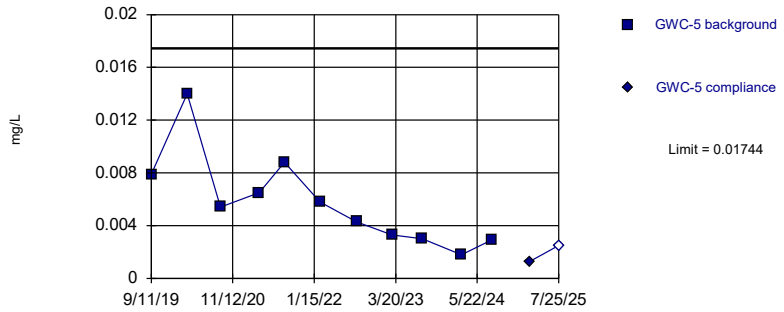
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005791, Std. Dev.=0.003494, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8961, critical = 0.85. Kappa = 3.335 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

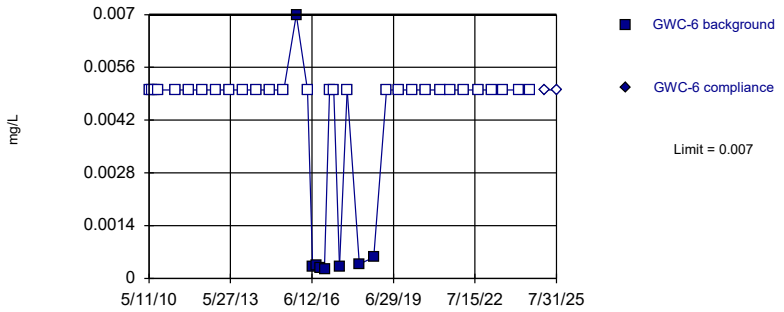
Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

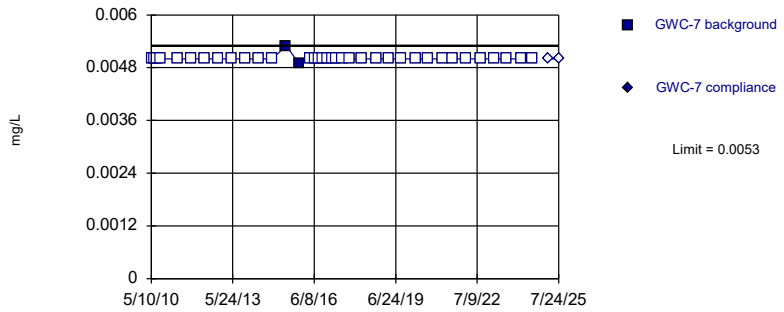
Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

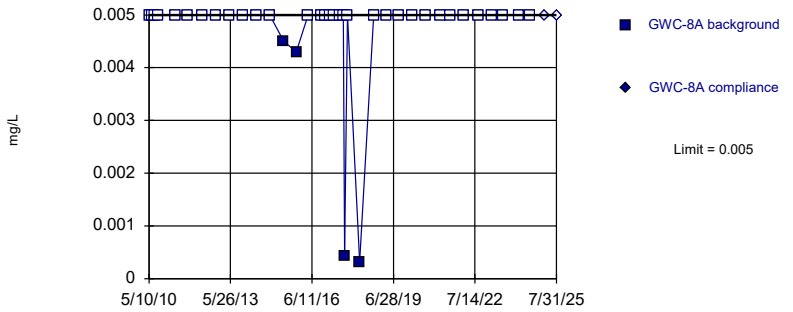
Constituent: Selenium Analysis Run 9/15/2025 10:58 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

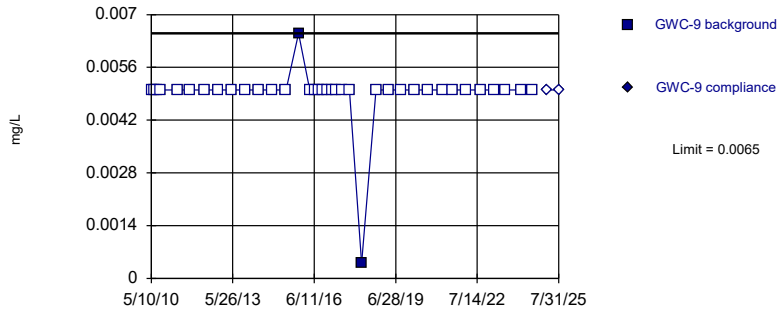
Constituent: Selenium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

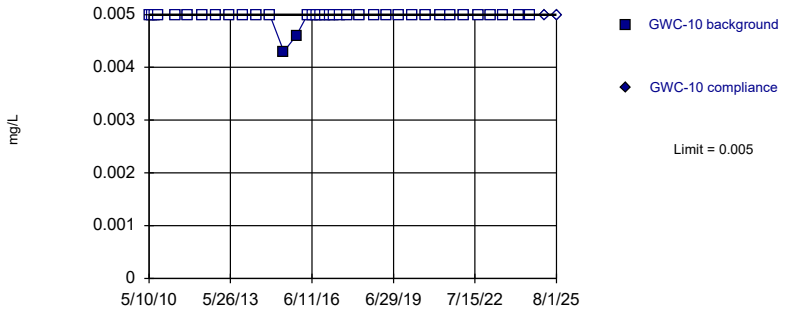
Constituent: Selenium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

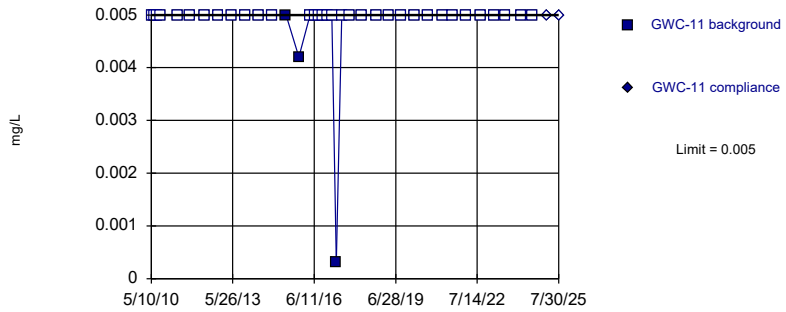
Constituent: Selenium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

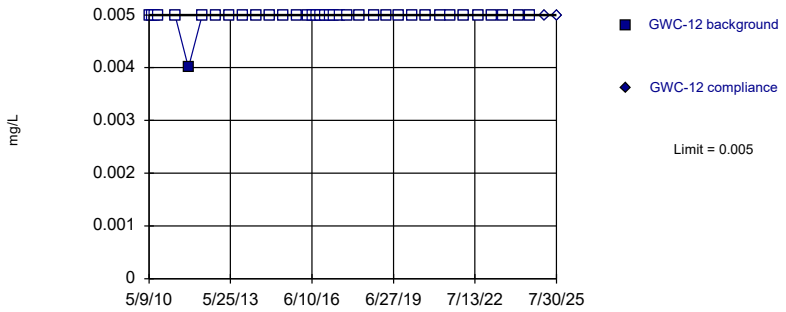
Constituent: Selenium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

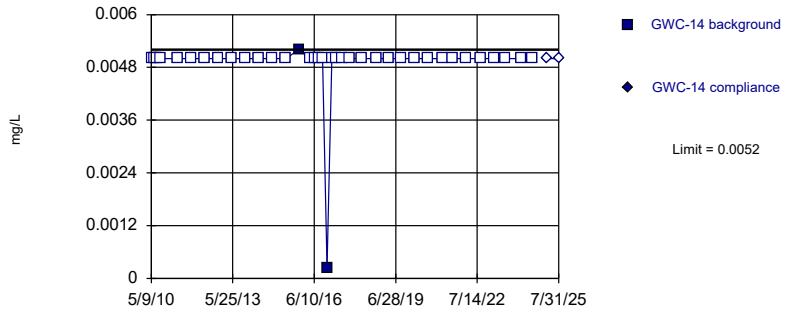
Constituent: Selenium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

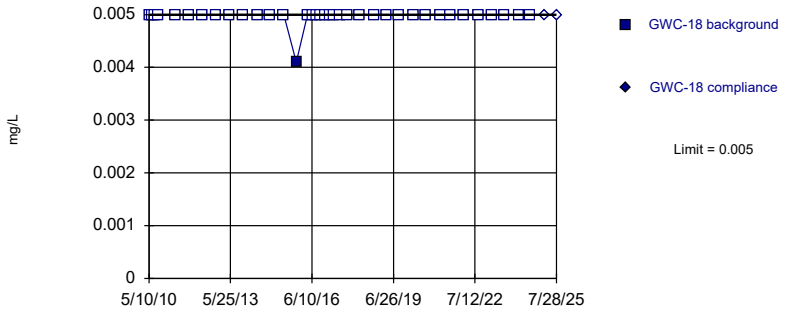
Constituent: Selenium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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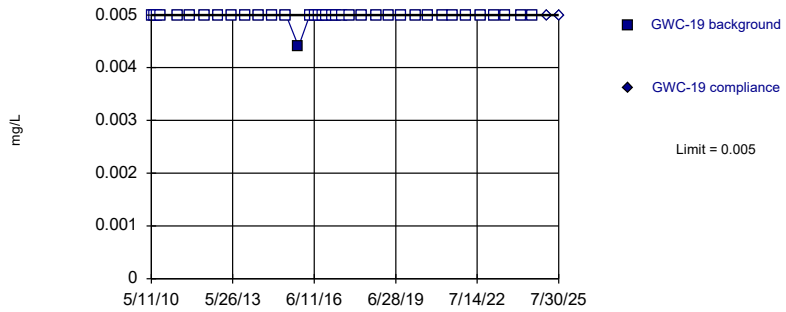
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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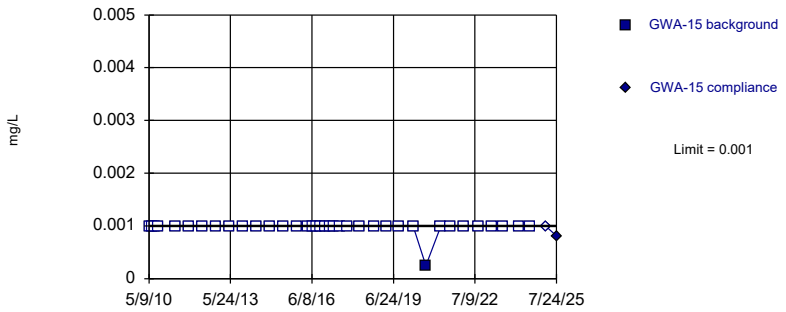
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

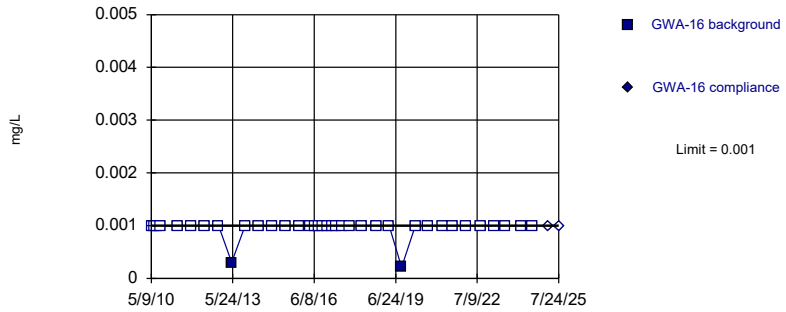
Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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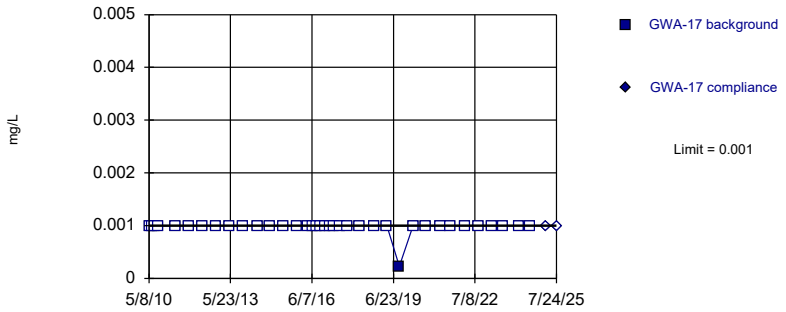
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



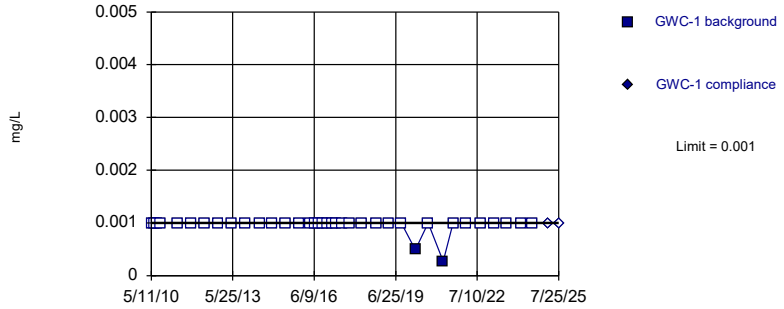
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



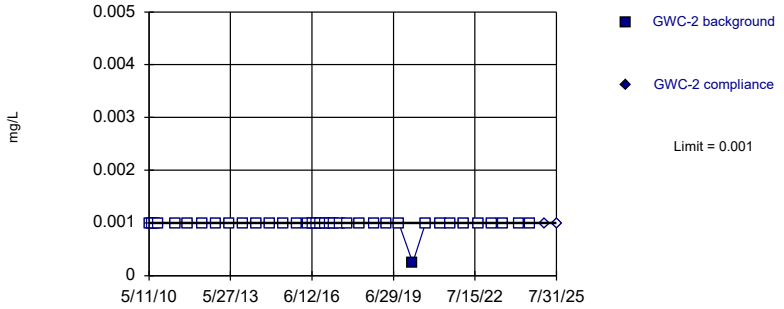
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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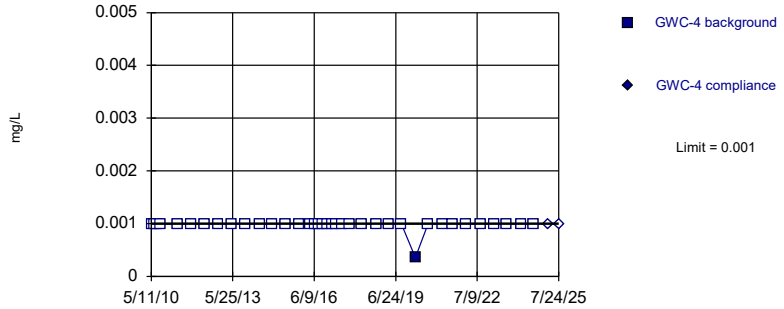
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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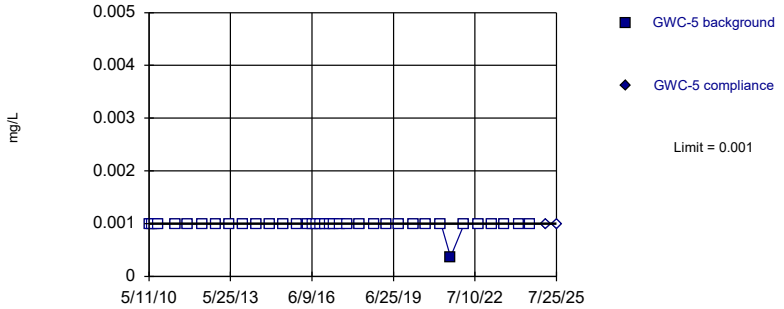
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
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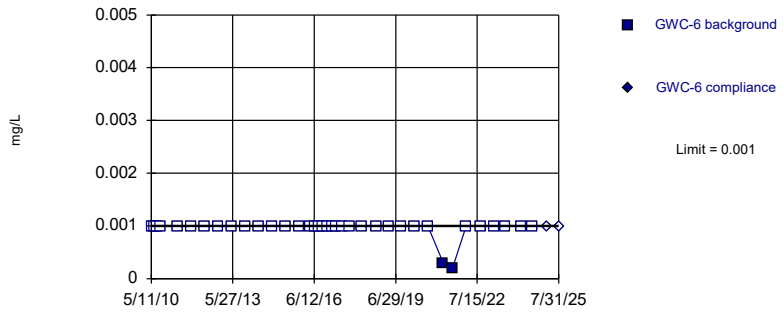
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
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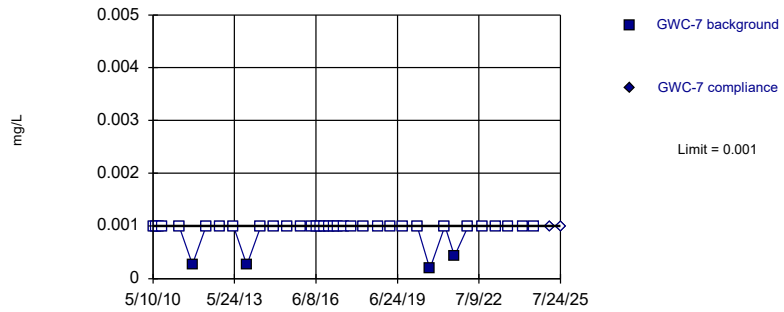
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
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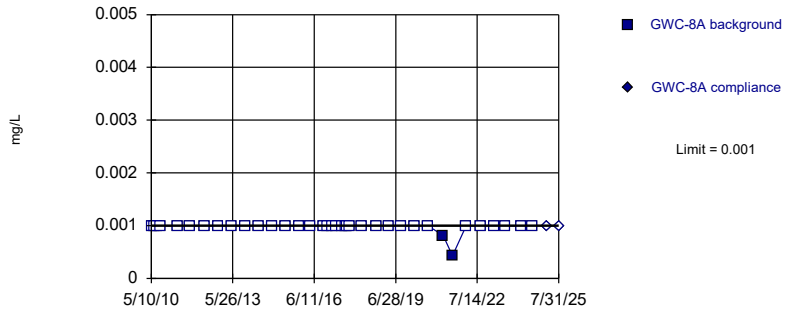
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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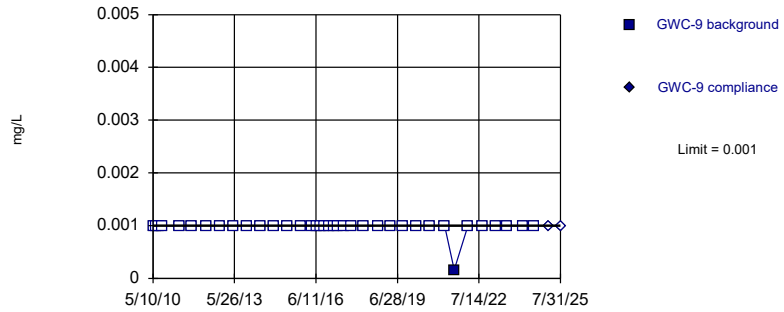
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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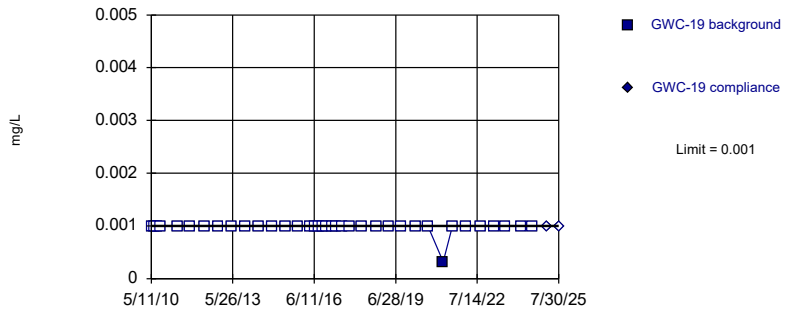
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell

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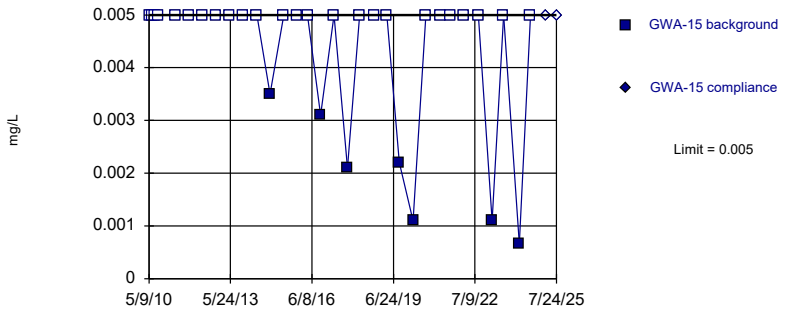
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 78.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell

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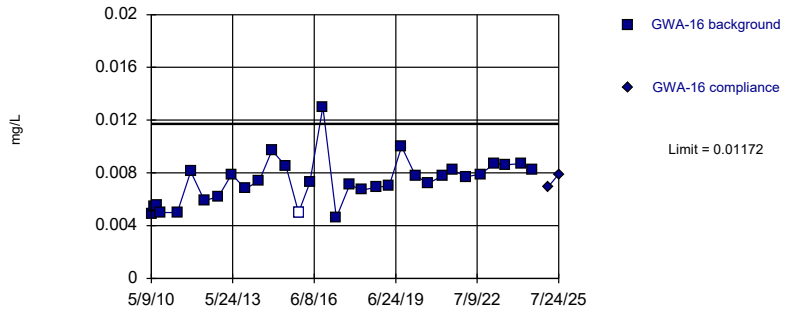
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007333, Std. Dev.=0.00176, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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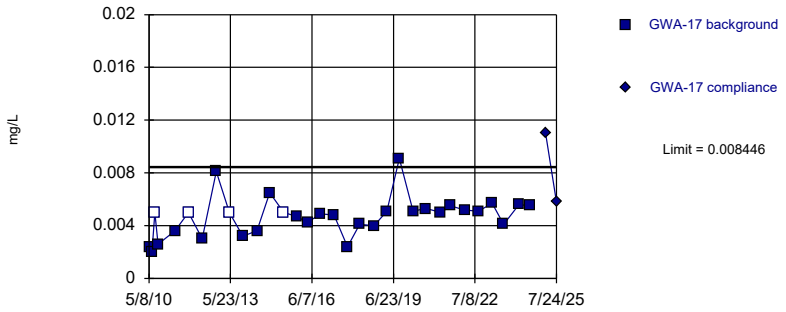
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004701, Std. Dev.=0.001504, n=32, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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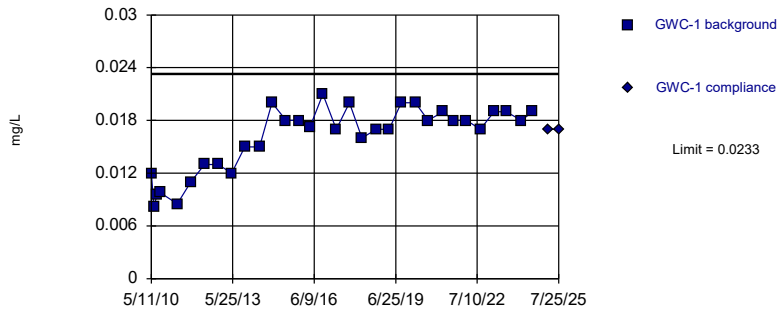
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0002708, Std. Dev.=0.0001093, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.915, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell

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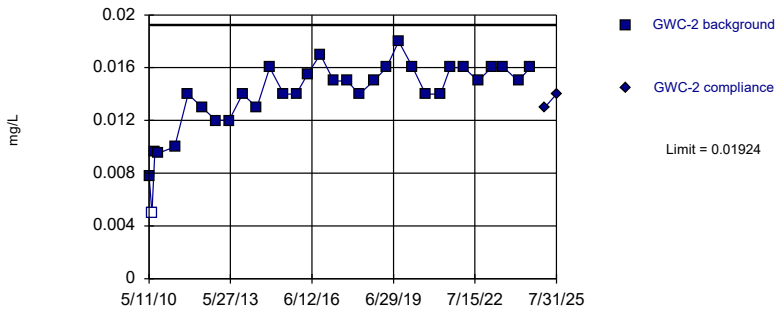
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001998, Std. Dev.=0.00006842, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell

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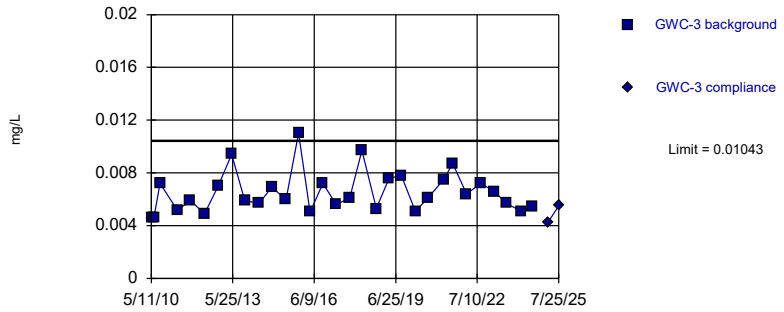
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00653, Std. Dev.=0.001561, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.902. Kappa = 2.5 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

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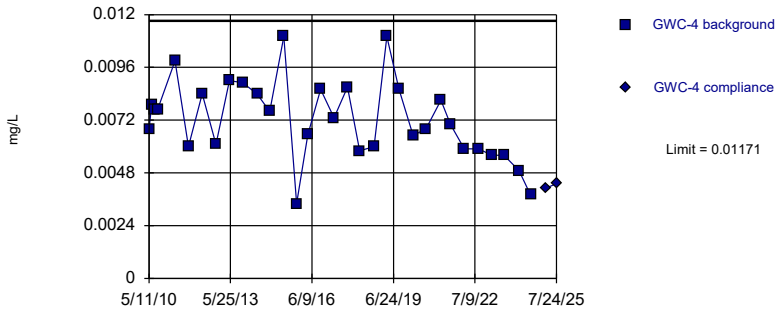
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007233, Std. Dev.=0.0018, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.975, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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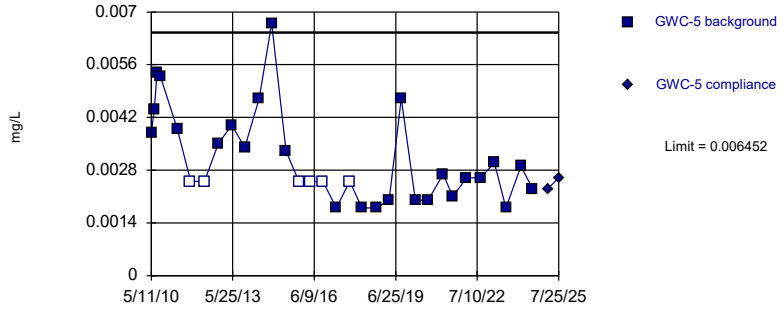
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05266, Std. Dev.=0.01111, n=32, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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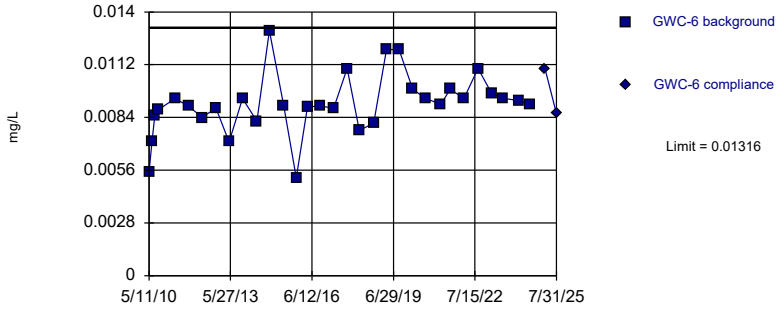
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009105, Std. Dev.=0.00163, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9353, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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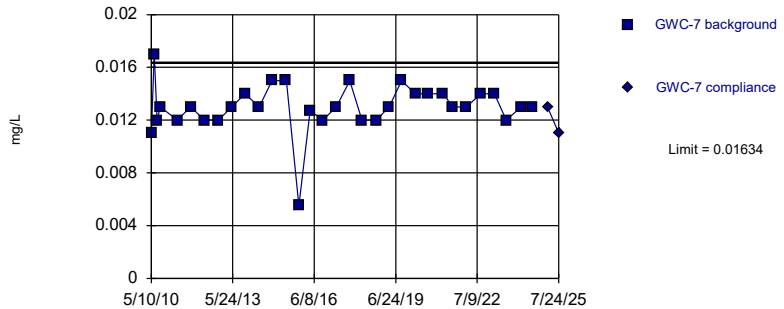
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=0.000002319, Std. Dev.=8.2e-7, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

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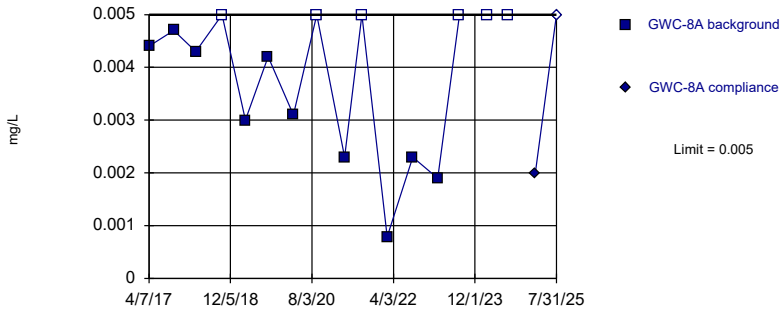
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

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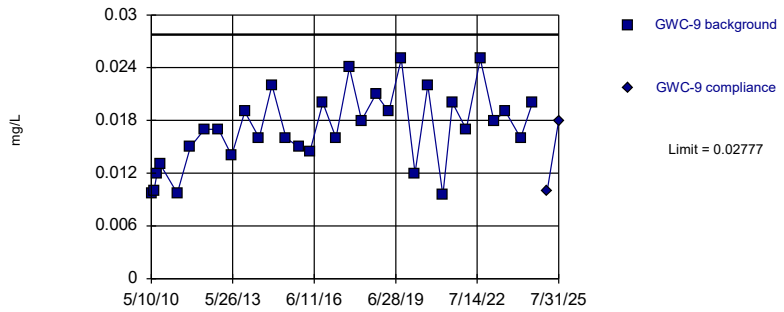
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01692, Std. Dev.=0.00436, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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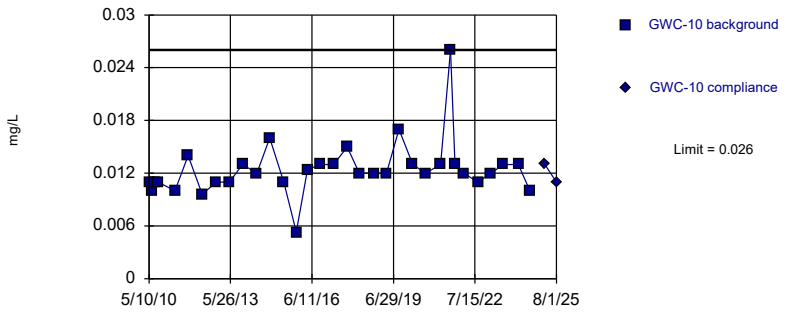
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
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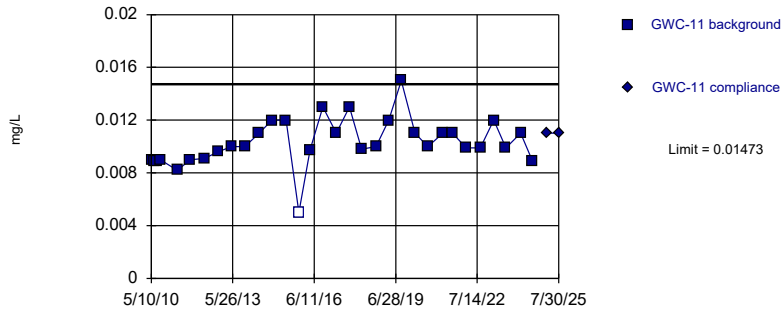
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01031, Std. Dev.=0.001777, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9383, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
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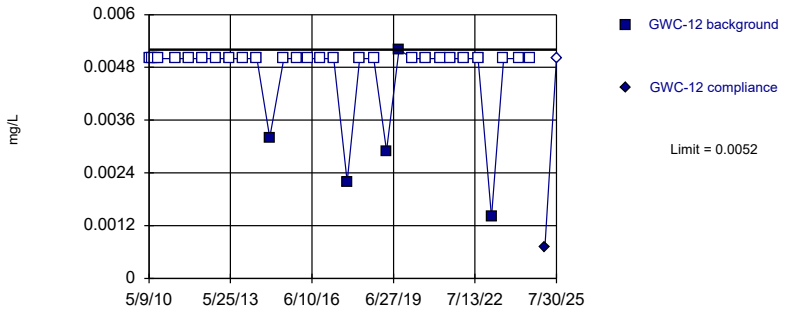
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

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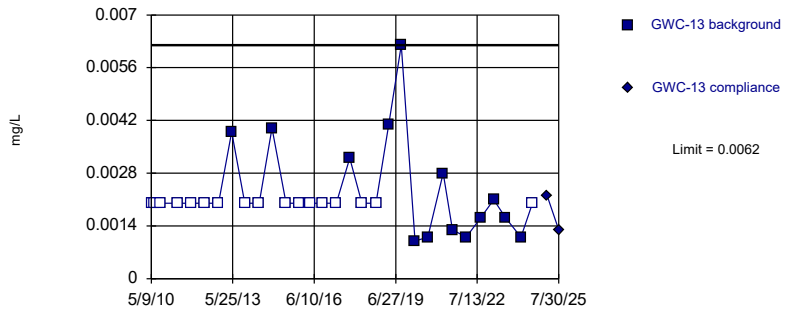
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
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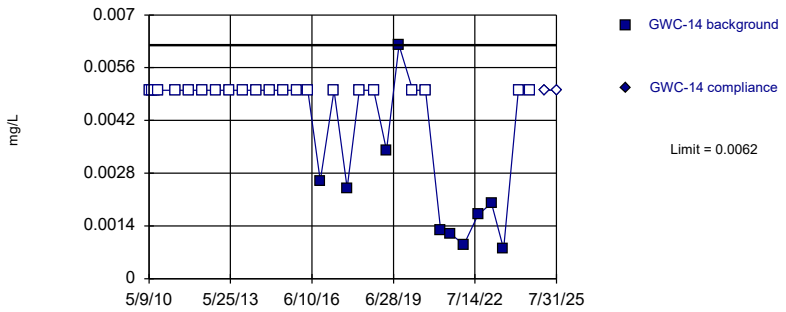
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
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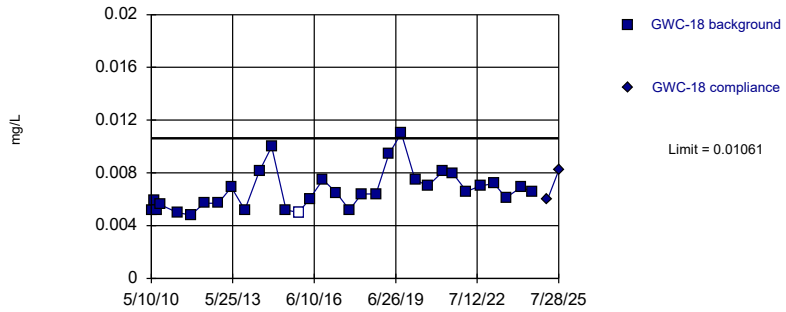
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.08111, Std. Dev.=0.0088, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9249, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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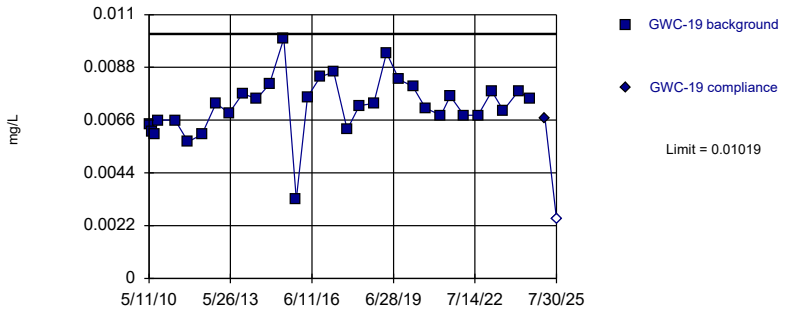
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007199, Std. Dev.=0.001201, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.95, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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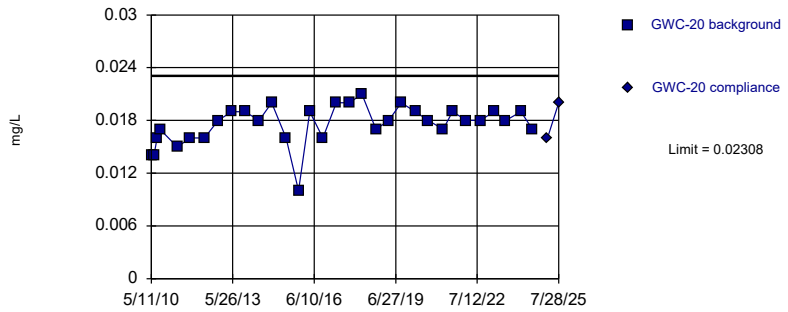
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01753, Std. Dev.=0.002229, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.904, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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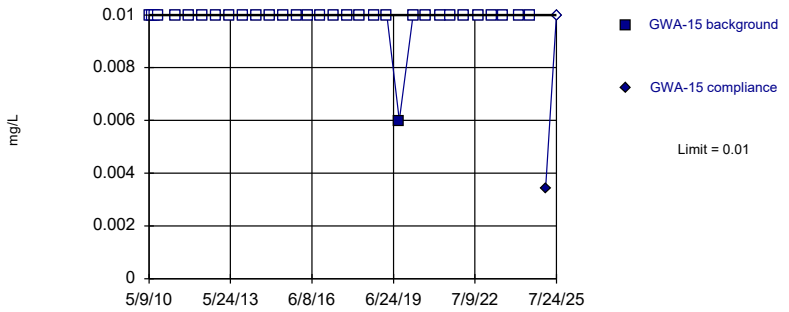
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

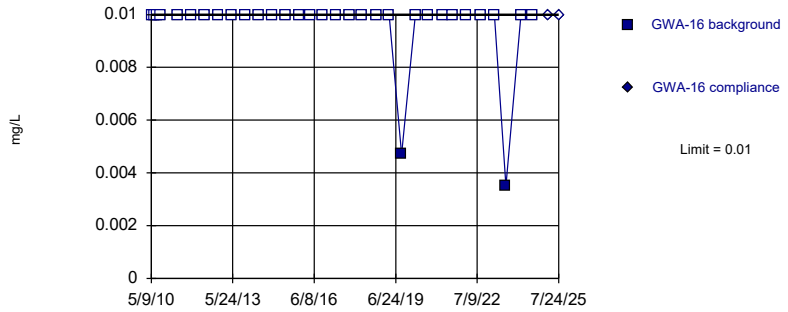
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

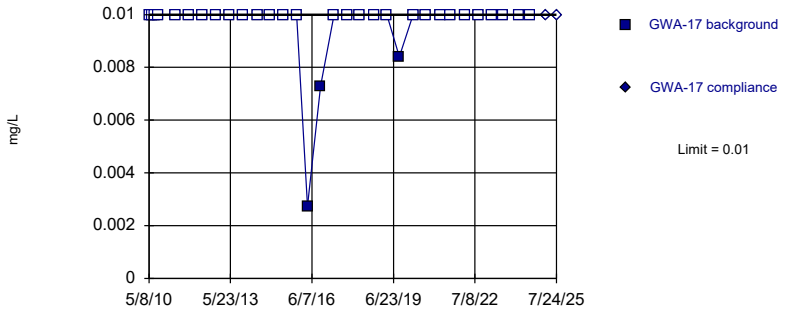
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

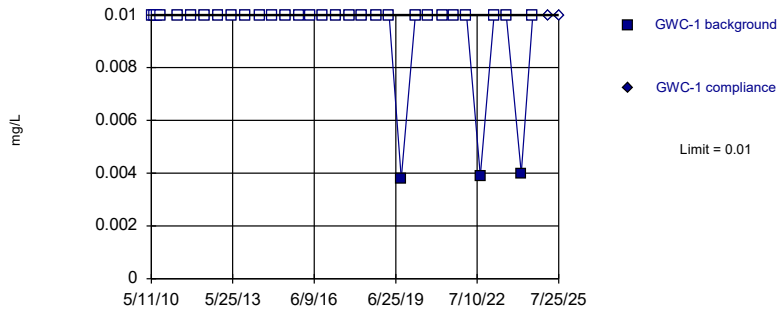
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

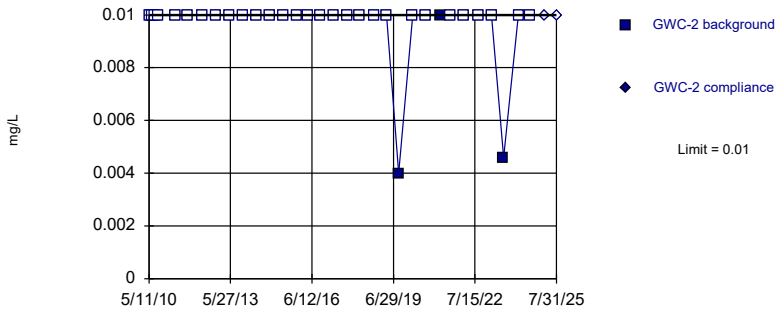
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

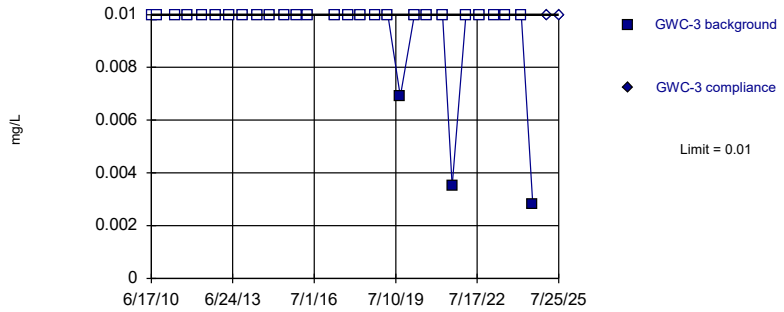
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

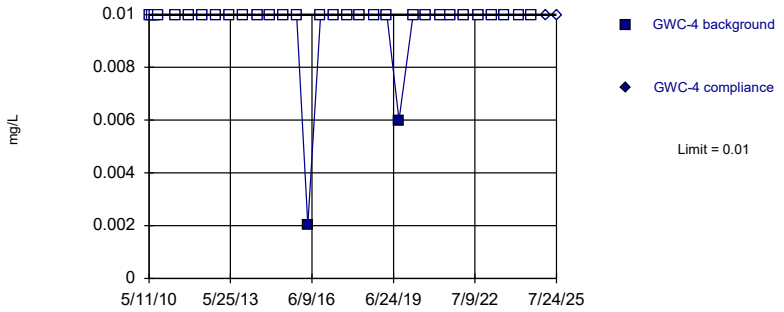
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

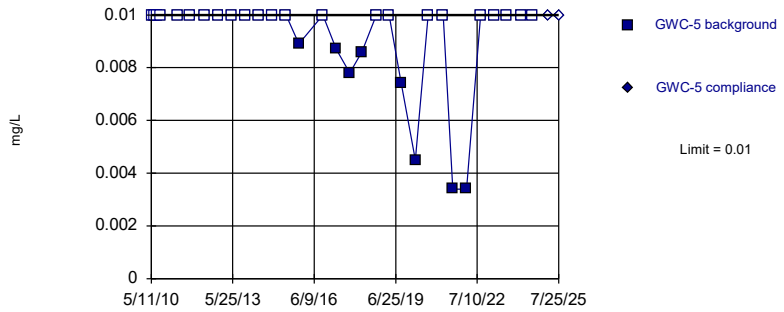
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 74.19% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

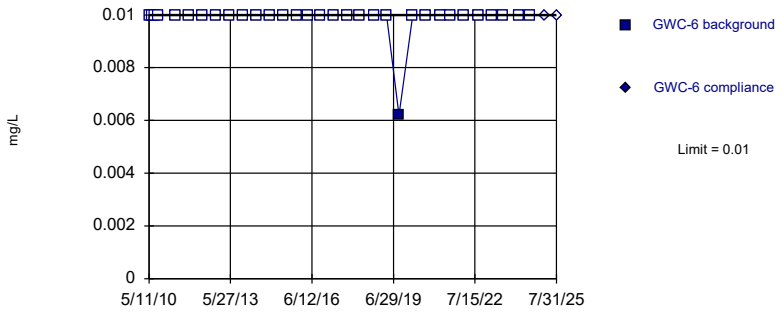
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

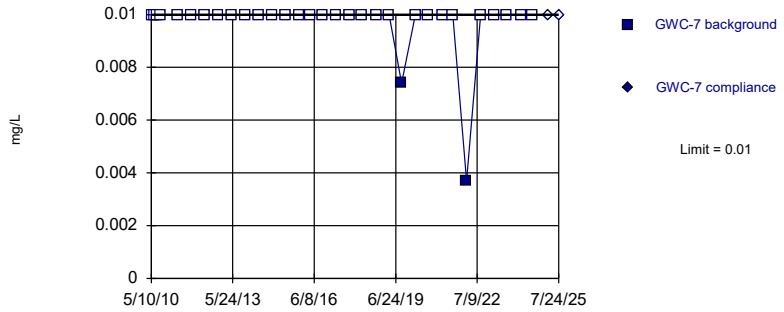
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

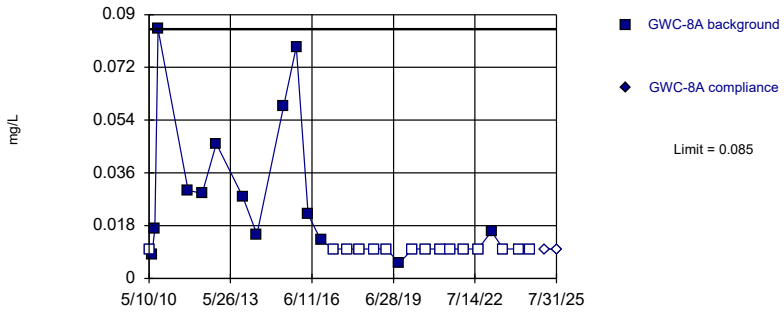
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 51.72% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

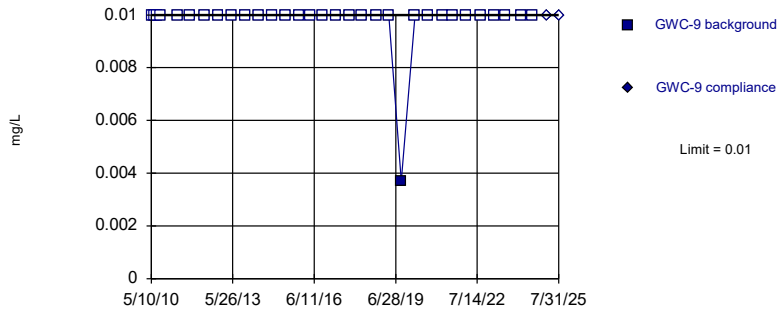
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

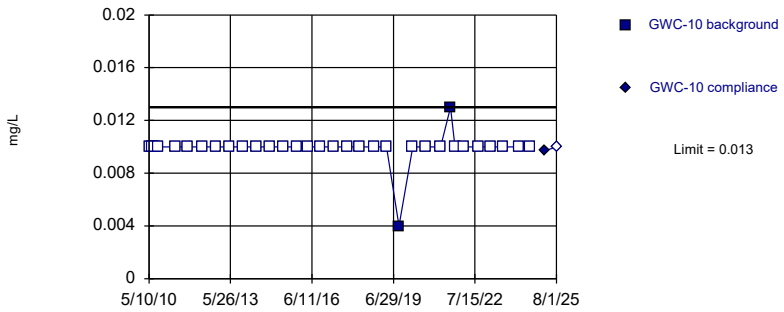
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

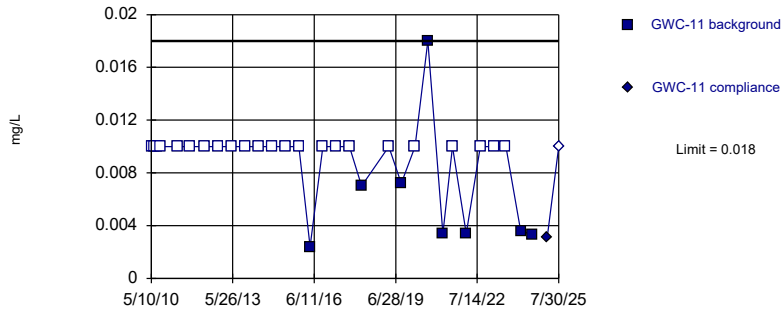
Constituent: Zinc Analysis Run 9/15/2025 10:59 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 74.19% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

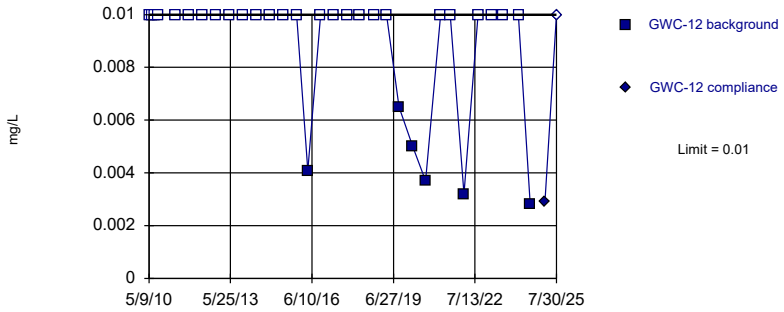
Constituent: Zinc Analysis Run 9/15/2025 11:00 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



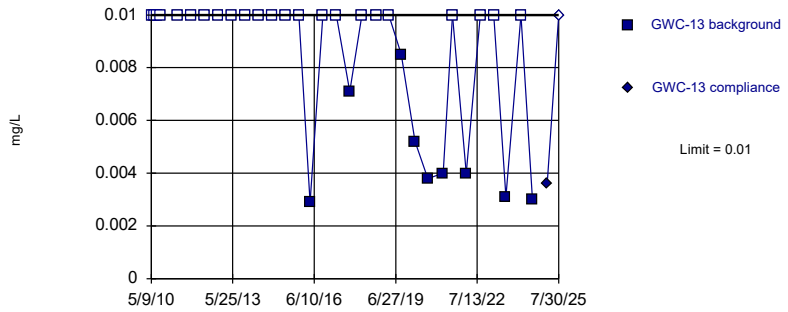
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 9/15/2025 11:00 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



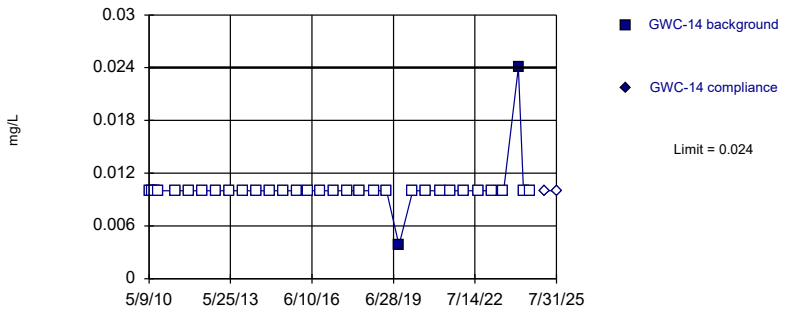
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 9/15/2025 11:00 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



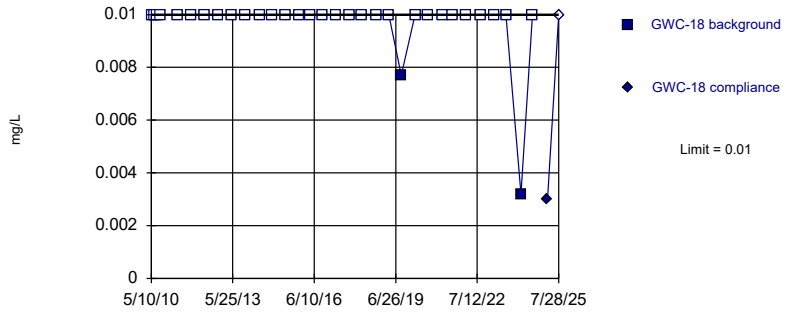
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Zinc Analysis Run 9/15/2025 11:00 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



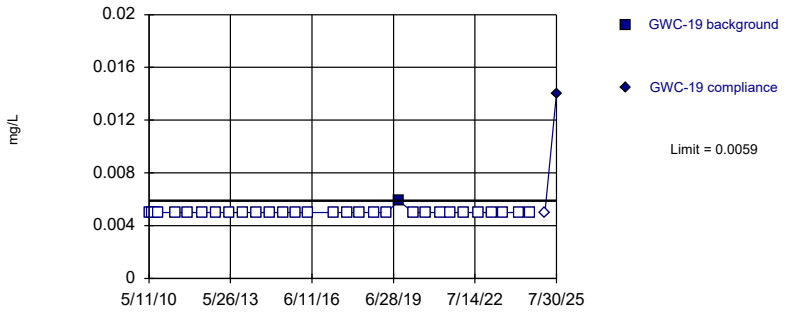
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 9/15/2025 11:00 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

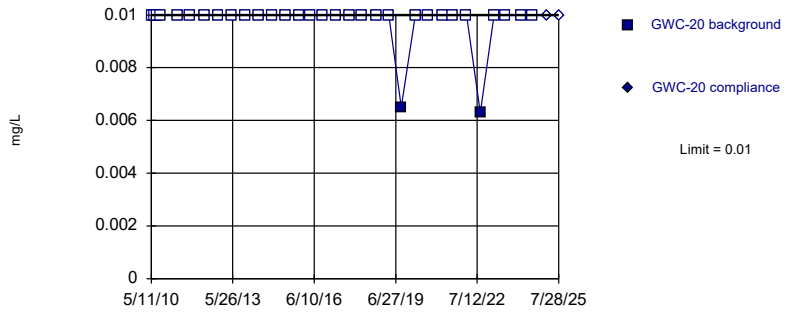
Constituent: Zinc Analysis Run 9/15/2025 11:00 AM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27g Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 9/15/2025 11:00 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 11:02 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	0.001 (J)	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 11:02 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00042 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	0.0013 (J)	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 11:02 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	0.0002 (J)	
8/12/2016	<0.005	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
3/4/2024	0.0013 (J)	
8/7/2024	<0.005	
2/25/2025		<0.005
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 11:02 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	0.00058 (J)	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/25/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 11:02 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
6/20/2016	0.0002 (J)	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 11:02 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.000646 (J)	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 11:02 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	0.0003 (J)	
8/15/2016	<0.005	
10/7/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 11:02 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	0.00018 (J)	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.00039 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 11:02 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	0.00014 (J)	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	0.01 (J)	
6/18/2010	0.01 (J)	
7/28/2010	0.011 (J)	
9/9/2010	0.011 (J)	
4/30/2011	0.0091 (J)	
10/28/2011	0.0096 (J)	
5/2/2012	0.012	
11/9/2012	0.012	
5/8/2013	0.01	
11/5/2013	0.0098 (J)	
5/20/2014	0.0081 (J)	
11/12/2014	0.0098 (J)	
5/22/2015	0.0088 (J)	
11/11/2015	0.011	
4/6/2016	0.00959 (J)	
6/15/2016	0.0091 (J)	
8/10/2016	0.009	
10/4/2016	0.0092	
11/30/2016	0.011	
2/7/2017	0.0099	
4/4/2017	0.0092	
6/20/2017	0.0099	
10/4/2017	0.0098	
3/20/2018	0.01	
10/2/2018	0.0099	
3/26/2019	0.0099	
9/10/2019	0.011	
3/18/2020	0.01	
9/9/2020	0.01	
4/1/2021	0.0092 (J)	
8/11/2021	0.01	
2/15/2022	0.012	
8/25/2022	0.012	
2/28/2023	0.01	
8/3/2023	0.01	
3/4/2024	0.01	
8/6/2024	0.01	
2/25/2025		0.013
7/24/2025		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.031 (J)	
6/16/2010	0.029 (J)	
7/27/2010	0.029 (J)	
9/7/2010	0.028 (J)	
4/29/2011	0.026 (J)	
10/28/2011	0.025	
5/2/2012	0.025	
11/9/2012	0.028	
5/8/2013	0.029	
11/6/2013	0.026	
5/20/2014	0.025	
11/8/2014	0.026	
5/22/2015	0.026	
11/9/2015	0.024	
4/6/2016	0.026	
6/15/2016	0.023	
8/10/2016	0.022	
10/4/2016	0.024	
11/29/2016	0.023	
2/7/2017	0.024	
4/4/2017	0.022	
6/20/2017	0.025	
10/5/2017	0.023	
3/20/2018	0.023	
10/2/2018	0.023	
3/26/2019	0.024	
9/10/2019	0.039	
3/18/2020	0.027	
9/9/2020	0.024	
4/1/2021	0.024	
8/11/2021	0.023	
2/15/2022	0.024	
8/25/2022	0.025	
2/28/2023	0.025	
8/3/2023	0.026	
2/28/2024	0.03	
8/6/2024	0.031	
2/25/2025		0.028
7/24/2025		0.032

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.048 (J)	
6/16/2010	0.044 (J)	
7/26/2010	0.042 (J)	
9/7/2010	0.04 (J)	
4/29/2011	0.038 (J)	
10/28/2011	0.034	
5/2/2012	0.03	
11/9/2012	0.039	
5/8/2013	0.034	
11/6/2013	0.032	
5/20/2014	0.03	
11/8/2014	0.031	
5/22/2015	0.033	
11/9/2015	0.034	
4/6/2016	0.0347	
6/15/2016	0.029	
8/10/2016	0.027	
10/5/2016	0.029	
11/29/2016	0.024	
2/7/2017	0.029	
4/4/2017	0.03	
6/20/2017	0.036	
10/5/2017	0.027	
3/20/2018	0.027	
10/2/2018	0.027	
3/26/2019	0.031	
9/10/2019	0.051	
3/18/2020	0.031	
9/9/2020	0.033	
4/1/2021	0.029	
8/11/2021	0.029	
2/15/2022	0.031	
8/24/2022	0.031	
2/28/2023	0.03	
8/3/2023	0.027	
2/28/2024	0.032	
8/6/2024	0.033	
2/26/2025		0.027
7/24/2025		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.054 (J)	
6/17/2010	0.054 (J)	
7/27/2010	0.054 (J)	
9/9/2010	0.046 (J)	
4/28/2011	0.057 (J)	
10/29/2011	0.046	
5/3/2012	0.049	
11/9/2012	0.045	
5/9/2013	0.053	
11/5/2013	0.045	
5/23/2014	0.043	
11/13/2014	0.046	
5/23/2015	0.046	
11/11/2015	0.047	
4/12/2016	0.0474	
6/16/2016	0.044	
8/11/2016	0.04	
10/4/2016	0.048	
11/30/2016	0.043	
2/7/2017	0.042	
4/5/2017	0.041	
6/20/2017	0.046	
10/4/2017	0.044	
3/20/2018	0.042	
10/2/2018	0.043	
3/26/2019	0.044	
9/10/2019	0.046	
3/18/2020	0.049	
9/9/2020	0.046	
4/1/2021	0.047	
8/18/2021	0.049	
2/15/2022	0.052	
8/24/2022	0.043	
2/27/2023	0.049	
8/9/2023	0.048	
3/1/2024	0.048	
8/6/2024	0.051	
2/25/2025		0.047
7/25/2025		0.051

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.048 (J)	
6/19/2010	0.033 (J)	
7/27/2010	0.047 (J)	
9/9/2010	0.045 (J)	
4/28/2011	0.048 (J)	
10/28/2011	0.044	
5/3/2012	0.047	
11/9/2012	0.055	
5/9/2013	0.049	
11/5/2013	0.045	
5/22/2014	0.04	
11/13/2014	0.045	
5/24/2015	0.045	
11/11/2015	0.045	
4/12/2016	0.0519	
6/16/2016	0.045	
8/11/2016	0.04	
10/4/2016	0.044	
11/30/2016	0.044	
2/7/2017	0.044	
4/6/2017	0.041	
6/20/2017	0.045	
10/4/2017	0.047	
3/20/2018	0.045	
10/2/2018	0.044	
3/26/2019	0.045	
9/10/2019	0.047	
3/18/2020	0.048	
9/9/2020	0.047	
4/1/2021	0.044	
8/12/2021	0.048	
2/15/2022	0.048	
8/26/2022	0.045	
2/27/2023	0.048	
8/9/2023	0.045	
3/1/2024	0.046	
8/6/2024	0.052	
2/25/2025		0.043
7/31/2025		0.045

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.039 (Jo)	
6/17/2010	0.017 (J)	
7/28/2010	0.071 (JO)	
9/7/2010	0.026 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022	
5/10/2013	0.025	
11/6/2013	0.015	
5/22/2014	0.016	
11/9/2014	0.017	
5/22/2015	0.017	
11/10/2015	0.018	
4/12/2016	0.0169	
6/20/2016	0.014	
8/12/2016	0.018	
10/5/2016	0.015	
11/30/2016	0.018	
2/8/2017	0.018	
4/6/2017	0.017	
6/21/2017	0.02	
10/5/2017	0.017	
3/21/2018	0.018	
10/3/2018	0.016	
3/26/2019	0.015	
9/10/2019	0.014	
3/18/2020	0.013	
9/10/2020	0.015	
4/6/2021	0.014	
8/12/2021	0.019	
2/15/2022	0.013	
8/25/2022	0.013	
2/28/2023	0.011	
8/9/2023	0.013	
3/4/2024	0.019	
8/7/2024	0.02	
2/25/2025		0.021
7/25/2025		0.022

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
8/25/2022		0.054
12/28/2022		0.065
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1
8/7/2024		0.097
2/25/2025		0.15
4/22/2025		0.19 (R)
7/24/2025		0.19

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.034 (J)	
6/18/2010	0.028 (J)	
7/27/2010	0.026 (J)	
9/9/2010	0.022 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/4/2012	0.017	
11/10/2012	0.014	
5/9/2013	0.016	
11/6/2013	0.016	
5/22/2014	0.016	
11/9/2014	0.018	
5/24/2015	0.11	
11/11/2015	0.12	
4/19/2016	0.099	
6/22/2016	0.074	
8/16/2016	0.045	
10/6/2016	0.046	
12/1/2016	0.046	
2/9/2017	0.055	
4/6/2017	0.057	
6/21/2017	0.062	
10/5/2017	0.052	
3/22/2018	0.048	
10/3/2018	0.036	
3/27/2019	0.038	
9/11/2019	0.039	
3/18/2020	0.04	
9/9/2020	0.033	
4/1/2021	0.04	
8/12/2021	0.036	
2/15/2022	0.038	
8/25/2022	0.031	
2/28/2023	0.038	
8/8/2023	0.031	
2/29/2024	0.042	
8/6/2024	0.038	
2/25/2025		0.036
7/25/2025		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021	0.054	
8/11/2021	0.054	
2/15/2022	0.057	
8/25/2022	0.055	
2/27/2023	0.052	
8/8/2023	0.046	
2/29/2024	0.06	
8/7/2024	0.047	
2/24/2025		0.07
4/22/2025		0.065 (R)
7/31/2025		0.052

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.029 (J)	
6/18/2010	0.044 (J)	
7/28/2010	0.028 (J)	
9/9/2010	0.029 (J)	
4/30/2011	0.025 (J)	
10/29/2011	0.026	
5/4/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.03	
11/7/2013	0.031	
5/21/2014	0.029	
11/12/2014	0.031	
5/24/2015	0.039	
11/11/2015	0.032	
4/13/2016	0.0328	
6/20/2016	0.03	
8/15/2016	0.033	
10/6/2016	0.032	
12/1/2016	0.034	
2/9/2017	0.032	
4/7/2017	0.031	
6/22/2017	0.035	
10/6/2017	0.034	
3/22/2018	0.035	
10/4/2018	0.031	
3/27/2019	0.033	
9/11/2019	0.035	
3/19/2020	0.036	
9/10/2020	0.039	
4/1/2021	0.036	
8/11/2021	0.036	
2/15/2022	0.035	
8/25/2022	0.035	
2/27/2023	0.036	
8/8/2023	0.034	
2/29/2024	0.041	
8/6/2024	0.039	
2/24/2025		0.043
7/24/2025		0.048

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.05 (J)	
6/19/2010	0.045 (J)	
7/28/2010	0.046 (J)	
9/8/2010	0.071 (J)	
4/30/2011	0.098 (J)	
10/27/2011	0.048	
5/4/2012	0.055	
11/11/2012	0.05	
5/10/2013	0.12	
11/7/2013	0.044	
5/21/2014	0.037	
11/13/2014	0.085	
5/23/2015	0.054	
11/11/2015	0.059	
4/19/2016	0.0415	
10/10/2016	0.034	
12/1/2016	0.037	
2/9/2017	0.043	
4/7/2017	0.019	
6/21/2017	0.017	
8/15/2017	0.021	
9/1/2017	0.02	
10/9/2017	0.019	
3/22/2018	0.019	
10/4/2018	0.012	
3/27/2019	0.025	
9/11/2019	0.022	
3/18/2020	0.043	
9/9/2020	0.053	
4/5/2021	0.045	
8/12/2021	0.026	
2/15/2022	0.048	
8/25/2022	0.03	
2/27/2023	0.055	
8/8/2023	0.051	
2/29/2024	0.042	
8/6/2024	0.029	
2/24/2025		0.039
7/31/2025		0.037

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.026 (J)	
6/16/2010	0.026 (J)	
7/27/2010	0.029 (J)	
9/8/2010	0.027 (J)	
4/29/2011	0.02 (J)	
10/27/2011	0.02	
5/3/2012	0.021	
11/11/2012	0.028	
5/9/2013	0.026	
11/6/2013	0.026	
5/21/2014	0.023	
11/12/2014	0.038	
5/23/2015	0.021	
11/12/2015	0.02	
4/13/2016	0.0164	
6/22/2016	0.0238	
8/15/2016	0.02	
10/6/2016	0.021	
12/1/2016	0.025	
2/8/2017	0.017	
4/6/2017	0.019	
6/21/2017	0.026	
10/5/2017	0.022	
3/21/2018	0.021	
10/2/2018	0.023	
3/27/2019	0.018	
9/11/2019	0.028	
3/18/2020	0.013	
9/9/2020	0.025	
4/1/2021	0.018	
8/12/2021	0.023	
2/15/2022	0.023	
8/25/2022	0.04	
2/27/2023	0.025	
8/8/2023	0.027	
3/1/2024	0.026	
8/6/2024	0.03	
2/24/2025		0.029
7/31/2025		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.024 (J)	
6/16/2010	0.022 (J)	
7/28/2010	0.023 (J)	
9/8/2010	0.023 (J)	
4/29/2011	0.022 (J)	
10/27/2011	0.022	
5/4/2012	0.019	
11/11/2012	0.025	
5/9/2013	0.024	
11/5/2013	0.025	
5/21/2014	0.024	
11/12/2014	0.026	
5/23/2015	0.026	
11/12/2015	0.026	
4/13/2016	0.0258	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	0.026	
12/1/2016	0.028	
2/8/2017	0.027	
4/6/2017	0.027	
6/21/2017	0.031	
10/5/2017	0.029	
3/21/2018	0.028	
10/2/2018	0.029	
3/27/2019	0.027	
9/11/2019	0.033	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.034	
8/17/2021	0.04	
10/18/2021	0.031	
2/15/2022	0.036	
8/25/2022	0.035	
2/21/2023	0.033	
8/9/2023	0.032	
3/1/2024	0.036	
8/6/2024	0.034	
2/24/2025		0.035
8/1/2025		0.033

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.018 (J)	
6/16/2010	0.018 (J)	
7/27/2010	0.018 (J)	
9/8/2010	0.017 (J)	
4/29/2011	0.016 (J)	
10/27/2011	0.015	
5/4/2012	0.014	
11/10/2012	0.016	
5/9/2013	0.016	
11/6/2013	0.016	
5/20/2014	0.016	
11/12/2014	0.017	
5/24/2015	0.017	
11/12/2015	0.016	
4/13/2016	0.0159	
6/21/2016	0.018	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.015	
4/6/2017	0.016	
6/20/2017	0.016	
10/5/2017	0.016	
3/21/2018	0.016	
10/2/2018	0.016	
3/27/2019	0.015	
9/11/2019	0.017	
3/18/2020	0.019	
9/10/2020	0.02	
4/1/2021	0.018	
8/11/2021	0.017	
2/16/2022	0.018	
8/25/2022	0.018	
2/27/2023	0.019	
8/9/2023	0.019	
2/29/2024	0.02	
8/6/2024	0.017	
2/24/2025		0.02
7/30/2025		0.018

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	0.017 (J)	
6/18/2010	0.014 (J)	
7/27/2010	0.015 (J)	
9/8/2010	0.013 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.013	
5/3/2012	0.012	
11/10/2012	0.015	
5/9/2013	0.015	
11/6/2013	0.015	
5/20/2014	0.015	
11/12/2014	0.018	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0166	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.016	
4/5/2017	0.016	
6/20/2017	0.017	
10/5/2017	0.017	
3/21/2018	0.017	
10/2/2018	0.016	
3/26/2019	0.017	
9/11/2019	0.017	
3/18/2020	0.018	
9/10/2020	0.019	
4/1/2021	0.018	
8/11/2021	0.018	
2/16/2022	0.018	
8/26/2022	0.018	
2/27/2023	0.019	
8/9/2023	0.02	
2/29/2024	0.019	
8/6/2024	0.018	
2/24/2025		0.02
7/30/2025		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.029 (J)	
6/18/2010	0.028 (J)	
7/29/2010	0.029 (J)	
9/9/2010	0.028 (J)	
4/26/2011	0.038 (J)	
10/28/2011	0.026	
5/4/2012	0.024	
11/11/2012	0.027	
5/8/2013	0.045	
11/7/2013	0.026	
5/20/2014	0.024	
11/12/2014	0.029	
5/24/2015	0.027	
11/12/2015	0.029	
4/13/2016	0.029	
6/21/2016	0.0306	
8/15/2016	0.026	
10/7/2016	0.031	
12/1/2016	0.031	
2/9/2017	0.032	
4/6/2017	0.029	
6/22/2017	0.034	
10/6/2017	0.031	
3/22/2018	0.034	
10/3/2018	0.03	
3/26/2019	0.035	
9/11/2019	0.035	
3/18/2020	0.058	
9/10/2020	0.037	
4/6/2021	0.038	
8/11/2021	0.037	
2/16/2022	0.035	
8/26/2022	0.035	
2/27/2023	0.04	
8/9/2023	0.04	
3/1/2024	0.039	
8/6/2024	0.036	
2/24/2025		0.041
7/30/2025		0.037

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	0.01 (J)	
6/18/2010	0.0097 (J)	
7/28/2010	0.0096 (J)	
9/9/2010	0.01 (J)	
4/30/2011	0.0096 (J)	
10/28/2011	0.0064 (JO)	
5/3/2012	0.0054 (JO)	
11/10/2012	0.0094 (J)	
5/8/2013	0.0093 (J)	
11/5/2013	0.009 (J)	
5/20/2014	0.009 (J)	
11/12/2014	0.0098 (J)	
5/24/2015	0.0096 (J)	
11/11/2015	0.0092 (J)	
4/13/2016	0.00929 (J)	
6/21/2016	0.0106	
8/15/2016	0.0077	
10/4/2016	0.0091	
12/1/2016	0.0089	
2/7/2017	0.0089	
4/6/2017	0.0085	
6/20/2017	0.0097	
10/5/2017	0.0096	
3/20/2018	0.0091	
10/2/2018	0.0096	
3/26/2019	0.0092	
9/11/2019	0.011	
3/18/2020	0.0099 (J)	
9/9/2020	0.01	
4/1/2021	0.0095 (J)	
8/11/2021	0.012	
2/16/2022	0.011	
8/26/2022	0.011	
2/27/2023	0.011	
8/9/2023	0.012	
3/1/2024	0.012	
8/8/2024	0.013	
2/25/2025		0.011
7/31/2025		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.039 (J)	
6/16/2010	0.041 (J)	
7/26/2010	0.04 (J)	
9/7/2010	0.038 (J)	
4/29/2011	0.034 (J)	
10/28/2011	0.035	
5/2/2012	0.038	
11/9/2012	0.035	
5/8/2013	0.037	
11/6/2013	0.036	
5/23/2014	0.036	
11/8/2014	0.038	
5/22/2015	0.035	
11/10/2015	0.032	
4/11/2016	0.0352	
6/16/2016	0.033	
8/11/2016	0.035	
10/5/2016	0.032	
11/29/2016	0.034	
2/8/2017	0.032	
4/6/2017	0.031	
6/21/2017	0.035	
10/5/2017	0.034	
3/20/2018	0.033	
10/2/2018	0.032	
3/26/2019	0.033	
9/11/2019	0.035	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.035	
8/11/2021	0.037	
2/16/2022	0.034	
8/25/2022	0.035	
2/28/2023	0.035	
8/9/2023	0.037	
2/29/2024	0.037	
8/6/2024	0.037	
2/25/2025		0.036
7/28/2025		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.018 (J)	
6/16/2010	0.017 (J)	
7/27/2010	0.016 (J)	
9/7/2010	0.017 (J)	
4/29/2011	0.018 (J)	
10/28/2011	0.016	
5/2/2012	0.018	
11/9/2012	0.017	
5/9/2013	0.017	
11/6/2013	0.018	
5/22/2014	0.016	
11/8/2014	0.018	
5/22/2015	0.018	
11/10/2015	0.017	
4/11/2016	0.0191	
6/16/2016	0.017	
8/11/2016	0.015	
10/5/2016	0.018	
11/29/2016	0.017	
2/8/2017	0.017	
4/5/2017	0.017	
6/21/2017	0.019	
10/5/2017	0.018	
3/20/2018	0.019	
10/2/2018	0.018	
3/26/2019		0.018
9/12/2019		0.026
3/19/2020		0.025
9/9/2020		0.026
4/5/2021		0.028
8/11/2021		0.031
2/16/2022		0.027
8/25/2022		0.03
2/28/2023		0.031
8/8/2023		0.032
2/29/2024		0.033
8/6/2024		0.035
2/25/2025		0.033
7/30/2025		0.022

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.032 (J)	
6/17/2010	0.031 (J)	
7/27/2010	0.035 (J)	
9/7/2010	0.032 (J)	
4/29/2011	0.031 (J)	
10/28/2011	0.03	
5/3/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.029	
11/6/2013	0.03	
5/22/2014	0.029	
11/9/2014	0.032	
5/22/2015	0.029	
11/10/2015	0.026	
4/12/2016	0.033	
6/16/2016	0.028	
8/11/2016	0.026	
10/5/2016	0.03	
11/30/2016	0.03	
2/8/2017	0.033	
4/6/2017	0.033	
6/21/2017	0.03	
10/5/2017	0.028	
3/21/2018	0.03	
10/3/2018	0.028	
3/26/2019	0.03	
9/12/2019	0.035	
3/19/2020	0.032	
9/10/2020	0.031	
4/5/2021	0.029	
8/11/2021	0.031	
2/16/2022	0.03	
8/25/2022	0.031	
2/28/2023	0.032	
8/8/2023	0.035	
3/1/2024	0.036	
8/6/2024	0.037	
2/25/2025		0.038
7/28/2025		0.038

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	0.0021 (J)	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/10/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	5.8E-05 (J)	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/9/2023	<0.001	
3/4/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	2.3E-05 (J)	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00022 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	3.2E-05 (J)	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/24/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00018 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00038 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0007	
6/16/2010	<0.0007	
7/26/2010	<0.0007	
9/7/2010	<0.0007	
4/29/2011	<0.0007	
10/28/2011	<0.0007	
5/2/2012	<0.0007	
11/9/2012	<0.0007	
5/8/2013	<0.0007	
11/6/2013	<0.0007	
5/20/2014	<0.0007	
11/8/2014	<0.0007	
5/22/2015	<0.0007	
11/9/2015	<0.0007	
4/6/2016	<0.0007	
6/15/2016	<0.0007	
8/10/2016	<0.0007	
10/5/2016	<0.0007	
11/29/2016	<0.0007	
2/7/2017	<0.0007	
4/4/2017	<0.0007	
6/20/2017	<0.0007	
10/5/2017	<0.0007	
3/20/2018	<0.0007	
10/2/2018	<0.0007	
3/26/2019	<0.0007	
9/10/2019	0.00013 (J)	
3/18/2020	<0.0007	
9/9/2020	<0.0007	
4/1/2021	<0.0007	
8/11/2021	<0.0007	
2/15/2022	<0.0007	
8/24/2022	<0.0007	
2/28/2023	<0.0007	
8/3/2023	<0.0007	
2/28/2024	<0.0007	
8/6/2024	<0.0007	
2/26/2025		<0.0007
7/24/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0007	
6/19/2010	<0.0007	
7/27/2010	<0.0007	
9/9/2010	<0.0007	
4/28/2011	<0.0007	
10/28/2011	<0.0007	
5/3/2012	<0.0007	
11/9/2012	<0.0007	
5/9/2013	<0.0007	
11/5/2013	<0.0007	
5/22/2014	<0.0007	
11/13/2014	<0.0007	
5/24/2015	<0.0007	
11/11/2015	<0.0007	
4/12/2016	<0.0007	
6/16/2016	<0.0007	
8/11/2016	<0.0007	
10/4/2016	<0.0007	
11/30/2016	<0.0007	
2/7/2017	<0.0007	
4/6/2017	<0.0007	
6/20/2017	<0.0007	
10/4/2017	<0.0007	
3/20/2018	<0.0007	
10/2/2018	<0.0007	
3/26/2019	<0.0007	
9/10/2019	<0.0007	
3/18/2020	<0.0007	
9/9/2020	<0.0007	
4/1/2021	0.00038 (J)	
8/12/2021	<0.0007	
2/15/2022	<0.0007	
8/26/2022	<0.0007	
2/27/2023	<0.0007	
8/9/2023	<0.0007	
3/1/2024	<0.0007	
8/6/2024	<0.0007	
2/25/2025		<0.0007
7/31/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0007	
6/19/2010	<0.0007	
7/28/2010	<0.0007	
9/8/2010	0.001 (J)	
4/30/2011	0.0014 (J)	
10/27/2011	0.0011 (J)	
5/4/2012	<0.0007	
11/11/2012	<0.0007	
5/10/2013	0.0016 (J)	
11/7/2013	0.001 (J)	
5/21/2014	<0.0007	
11/13/2014	<0.0007	
5/23/2015	<0.0007	
11/11/2015	<0.0007	
4/19/2016	0.000379 (J)	
10/10/2016	<0.0007	
12/1/2016	<0.0007	
2/9/2017	0.00037 (J)	
4/7/2017	<0.0007	
6/21/2017	<0.0007	
8/15/2017	<0.0007	
9/1/2017	<0.0007	
10/9/2017	<0.0007	
3/22/2018	<0.0007	
10/4/2018	<0.0007	
3/27/2019	<0.0007	
9/11/2019	<0.0007	
3/18/2020	<0.0007	
9/9/2020	<0.0007	
4/5/2021	0.0003 (J)	
8/12/2021	<0.0007	
2/15/2022	<0.0007	
8/25/2022	<0.0007	
2/27/2023	<0.0007	
8/8/2023	<0.0007	
2/29/2024	<0.0007	
8/6/2024	<0.0007	
2/24/2025		<0.0007
7/31/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0007	
6/16/2010	<0.0007	
7/27/2010	<0.0007	
9/8/2010	<0.0007	
4/29/2011	<0.0007	
10/27/2011	<0.0007	
5/4/2012	<0.0007	
11/10/2012	<0.0007	
5/9/2013	<0.0007	
11/6/2013	<0.0007	
5/20/2014	<0.0007	
11/12/2014	<0.0007	
5/24/2015	<0.0007	
11/12/2015	<0.0007	
4/13/2016	<0.0007	
6/21/2016	<0.0007	
8/15/2016	<0.0007	
10/5/2016	<0.0007	
12/1/2016	<0.0007	
2/8/2017	<0.0007	
4/6/2017	<0.0007	
6/20/2017	<0.0007	
10/5/2017	<0.0007	
3/21/2018	<0.0007	
10/2/2018	<0.0007	
3/27/2019	<0.0007	
9/11/2019	<0.0007	
3/18/2020	<0.0007	
9/10/2020	0.001 (J)	
4/1/2021	<0.0007	
8/11/2021	<0.0007	
2/16/2022	<0.0007	
8/25/2022	<0.0007	
2/27/2023	<0.0007	
8/9/2023	<0.0007	
2/29/2024	<0.0007	
8/6/2024	<0.0007	
2/24/2025		<0.0007
7/30/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	0.0036 (J)	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	0.00029 (J)	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0023 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.003 (J)	
6/16/2010	0.0042 (J)	
7/27/2010	0.0048 (J)	
9/7/2010	0.0037 (J)	
4/29/2011	0.0046 (J)	
10/28/2011	0.005	
5/2/2012	0.0052	
11/9/2012	0.0054	
5/8/2013	0.0058	
11/6/2013	0.0062 (J)	
5/20/2014	0.0047 (J)	
11/8/2014	0.0064 (J)	
5/22/2015	0.0059 (J)	
11/9/2015	0.0043 (J)	
4/6/2016	0.00457 (J)	
6/15/2016	0.0042 (J)	
8/10/2016	0.0042	
10/4/2016	0.0052	
11/29/2016	0.004	
2/7/2017	0.004	
4/4/2017	0.0021 (J)	
6/20/2017	0.0046	
10/5/2017	0.005	
3/20/2018	0.0044	
10/2/2018	0.0043	
3/26/2019	0.0046	
9/10/2019	0.0076	
3/18/2020	0.0044	
9/9/2020	0.005	
4/1/2021	0.0053	
8/11/2021	0.0059	
2/15/2022	0.0056	
8/25/2022	0.0056	
2/28/2023	0.0061	
8/3/2023	0.0073	
2/28/2024	0.0071	
8/6/2024	0.008	
2/25/2025		0.0068
7/24/2025		0.0082

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0032 (J)	
6/16/2010	0.0037 (J)	
7/26/2010	0.0058	
9/7/2010	0.0078	
4/29/2011	0.005	
10/28/2011	0.0068	
5/2/2012	0.0065	
11/9/2012	0.006	
5/8/2013	0.0074	
11/6/2013	0.0082 (J)	
5/20/2014	0.0051 (J)	
11/8/2014	0.0074 (J)	
5/22/2015	0.0084 (J)	
11/9/2015	0.009 (J)	
4/6/2016	0.00779 (J)	
6/15/2016	0.0072 (J)	
8/10/2016	0.0068	
10/5/2016	0.0076	
11/29/2016	0.0045	
2/7/2017	0.0067	
4/4/2017	0.0079	
6/20/2017	0.0084	
10/5/2017	0.0061	
3/20/2018	0.006	
10/2/2018	0.0061	
3/26/2019	0.0065	
9/10/2019	0.012	
3/18/2020	0.0083	
9/9/2020	0.0088	
4/1/2021	0.0082	
8/11/2021	0.0089	
2/15/2022	0.0084	
8/24/2022	0.0076	
2/28/2023	0.0083	
8/3/2023	0.0089	
2/28/2024	0.0096	
8/6/2024	0.0086	
2/26/2025		0.0083
7/24/2025		0.0085

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.0077	
6/17/2010	0.0053	
7/27/2010	0.0085	
9/9/2010	0.0076	
4/28/2011	0.0048 (J)	
10/29/2011	0.0093	
5/3/2012	0.01	
11/9/2012	0.009	
5/9/2013	0.0085	
11/5/2013	0.015	
5/23/2014	0.012	
11/13/2014	0.011	
5/23/2015	0.012	
11/11/2015	0.014	
4/12/2016	0.0135	
6/16/2016	0.014	
8/11/2016	0.013	
10/4/2016	0.014	
11/30/2016	0.013	
2/7/2017	0.013	
4/5/2017	0.014	
6/20/2017	0.013	
10/4/2017	0.015	
3/20/2018	0.013	
10/2/2018	0.014	
3/26/2019	0.013	
9/10/2019	0.018	
3/18/2020	0.014	
9/9/2020	0.014	
4/1/2021	0.014	
8/18/2021	0.014	
2/15/2022	0.011	
8/24/2022	0.014	
2/27/2023	0.014	
8/9/2023	0.017	
3/1/2024	0.014	
8/6/2024	0.016	
2/25/2025		0.013
7/25/2025		0.013

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.005	
7/27/2010	0.01	
9/9/2010	0.0072	
4/28/2011	0.0077	
10/28/2011	0.011	
5/3/2012	0.011	
11/9/2012	0.0089	
5/9/2013	0.0089	
11/5/2013	0.011	
5/22/2014	0.01	
11/13/2014	0.0084 (J)	
5/24/2015	0.0095 (J)	
11/11/2015	0.011	
4/12/2016	0.0122	
6/16/2016	0.011	
8/11/2016	0.01	
10/4/2016	0.011	
11/30/2016	0.0098	
2/7/2017	0.0096	
4/6/2017	0.01	
6/20/2017	0.01	
10/4/2017	0.011	
3/20/2018	0.0099	
10/2/2018	0.01	
3/26/2019	0.0096	
9/10/2019	0.014	
3/18/2020	0.011	
9/9/2020	0.01	
4/1/2021	0.0057	
8/12/2021	0.012	
2/15/2022	0.011	
8/26/2022	0.0095	
2/27/2023	0.012	
8/9/2023	0.012	
3/1/2024	0.011	
8/6/2024	0.012	
2/25/2025		0.0092
7/31/2025		0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.01	
6/17/2010	0.0087	
7/28/2010	0.028 (O)	
9/7/2010	0.022	
4/29/2011	0.0099	
10/28/2011	0.0089	
5/3/2012	0.0091	
11/9/2012	0.008	
5/10/2013	0.019	
11/6/2013	0.013	
5/22/2014	0.0093 (J)	
11/9/2014	0.0098 (J)	
5/22/2015	0.01	
11/10/2015	0.011	
4/12/2016	0.00925 (J)	
6/20/2016	0.0076 (J)	
8/12/2016	0.0079	
10/5/2016	0.0085	
11/30/2016	0.0086	
2/8/2017	0.011	
4/6/2017	0.0098	
6/21/2017	0.011	
10/5/2017	0.01	
3/21/2018	0.0093	
10/3/2018	0.0081	
3/26/2019	0.0075	
9/10/2019	0.0092	
3/18/2020	0.0049	
9/10/2020	0.0061	
4/6/2021	0.0074	
8/12/2021	0.0085	
2/15/2022	0.0076	
8/25/2022	0.0072	
2/28/2023	0.01	
8/9/2023	0.013	
3/4/2024	0.014	
8/7/2024	0.018	
2/25/2025		0.015
7/25/2025		0.019

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0046 (J)	
6/17/2010	0.007	
7/28/2010	0.0084	
9/8/2010	0.0071	
4/28/2011	0.008	
10/29/2011	0.0054	
5/3/2012	0.0065	
11/10/2012	0.0059	
5/10/2013	0.0083	
11/6/2013	0.0099 (J)	
5/22/2014	0.0049 (J)	
11/9/2014	0.0068 (J)	
5/22/2015	0.0087 (J)	
11/11/2015	0.0084 (J)	
4/12/2016	0.00419 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.0062	
11/30/2016	0.0043	
2/8/2017	0.0052	
4/6/2017	0.005	
6/22/2017	0.0052	
10/6/2017	0.0049	
3/21/2018	0.0062	
10/3/2018	0.0039	
3/26/2019	0.0084	
9/10/2019	0.0067	
3/19/2020	0.0045	
9/10/2020	0.0055	
4/2/2021	0.0052	
8/12/2021	0.0045	
2/15/2022	0.0041	
8/25/2022	0.0038	
2/27/2023	0.0039	
8/8/2023	0.0049	
2/29/2024	0.0038	
8/7/2024	0.0031	
2/25/2025		0.0025
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.004 (J)	
6/18/2010	0.0056	
7/27/2010	0.0051	
9/9/2010	0.0037 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	0.0026 (J)	
5/4/2012	0.0031 (J)	
11/10/2012	<0.005	
5/9/2013	0.0033 (J)	
11/6/2013	0.0045 (J)	
5/22/2014	0.0035 (J)	
11/9/2014	0.0062 (J)	
5/24/2015	0.012	
11/11/2015	0.0068 (J)	
4/19/2016	0.00368 (J)	
6/22/2016	0.0031 (J)	
8/16/2016	0.0028	
10/6/2016	0.003	
12/1/2016	0.0022 (J)	
2/9/2017	0.0035	
4/6/2017	0.0032	
6/21/2017	0.0031	
10/5/2017	0.0029	
3/22/2018	0.0086	
10/3/2018	0.003	
3/27/2019	0.0039	
9/11/2019	0.0079	
3/18/2020	0.0052	
9/9/2020	0.0048	
4/1/2021	0.0058	
8/12/2021	0.0053	
2/15/2022	0.0061	
8/25/2022	0.0058	
2/28/2023	0.0068	
8/8/2023	0.0066	
2/29/2024	0.0074	
8/6/2024	0.0067	
2/25/2025		0.0057
7/25/2025		0.0057

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	0.0063	
7/27/2010	0.004 (J)	
9/9/2010	0.0053	
4/30/2011	0.0035 (J)	
10/29/2011	0.0048 (J)	
5/4/2012	0.0064	
11/10/2012	0.0084	
5/9/2013	0.0041 (J)	
11/7/2013	0.0077 (J)	
5/21/2014	0.0044 (J)	
11/9/2014	0.0071 (J)	
5/24/2015	0.01	
11/11/2015	0.0053 (J)	
4/12/2016	0.00493 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.004	
11/30/2016	0.0035	
2/9/2017	0.0041	
4/6/2017	0.0038	
6/21/2017	0.004	
10/6/2017	0.0038	
3/21/2018	0.012	
10/3/2018	0.0042	
3/26/2019	0.0044	
9/11/2019	0.0078	
3/18/2020	0.0046	
9/10/2020	0.0049	
4/5/2021	0.005	
8/11/2021	0.005	
2/15/2022	0.0046	
8/25/2022	0.0046	
2/27/2023	0.0047	
8/8/2023	0.0048	
2/29/2024	0.0051	
8/7/2024	0.0046	
2/24/2025		0.0054
7/31/2025		0.0056

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (J)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021	0.0091	
8/11/2021	0.0092	
2/15/2022	0.0088	
8/25/2022	0.0085	
2/27/2023	0.0092	
8/8/2023	0.0094	
2/29/2024	0.012	
8/6/2024	0.02	
11/6/2024	0.02	
2/24/2025		0.024
7/24/2025		0.023

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	0.0034 (J)	
9/8/2010	0.014	
4/30/2011	0.022	
10/27/2011	0.0064	
5/4/2012	0.059 (o)	
11/11/2012	0.011	
5/10/2013	0.038 (O)	
11/7/2013	0.012	
5/21/2014	0.0048 (J)	
11/13/2014	0.023	
5/23/2015	0.015	
11/11/2015	0.016	
4/19/2016	0.0086 (J)	
10/10/2016	0.0052	
12/1/2016	0.0062	
2/9/2017	0.0091	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	<0.005	
10/9/2017	<0.005	
3/22/2018	0.0079	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	0.0013 (J)	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097	
6/16/2010	0.0074	
7/27/2010	0.0068	
9/8/2010	0.007	
4/29/2011	0.0062	
10/27/2011	0.0084	
5/3/2012	0.0099	
11/11/2012	0.0073	
5/9/2013	0.0085	
11/6/2013	0.013	
5/21/2014	0.0097 (J)	
11/12/2014	0.0072 (J)	
5/23/2015	0.0095 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	0.00627 (J)	
6/22/2016	0.0079 (J)	
8/15/2016	0.0075	
10/6/2016	0.0071	
12/1/2016	0.007	
2/8/2017	0.0047	
4/6/2017	0.006	
6/21/2017	0.0071	
10/5/2017	0.008	
3/21/2018	0.0046	
10/2/2018	0.0081	
3/27/2019	0.0064	
9/11/2019	0.012	
3/18/2020	0.0066	
9/9/2020	0.0081	
4/1/2021	0.0018 (J)	
8/12/2021	0.0077	
2/15/2022	0.0079	
8/25/2022	0.0092	
2/27/2023	0.0094	
8/8/2023	0.0085	
3/1/2024	0.0092	
8/6/2024	0.0084	
2/24/2025		0.0029
7/31/2025		0.0083

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.0095	
7/28/2010	0.01	
9/8/2010	0.011	
4/29/2011	0.0096	
10/27/2011	0.011	
5/4/2012	0.01	
11/11/2012	0.01	
5/9/2013	0.011	
11/5/2013	0.015	
5/21/2014	0.013	
11/12/2014	0.012	
5/23/2015	0.014	
11/12/2015	0.016	
4/13/2016	0.0152	
6/21/2016	0.016	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.015	
2/8/2017	0.017	
4/6/2017	0.018	
6/21/2017	0.017	
10/5/2017	0.018	
3/21/2018	0.017	
10/2/2018	0.018	
3/27/2019	0.017	
9/11/2019	0.023	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.02	
8/17/2021	0.042 (o)	
10/18/2021	0.019	
2/15/2022	0.021	
8/25/2022	0.018	
2/21/2023	0.02	
8/9/2023	0.022	
3/1/2024	0.019	
8/6/2024	0.018	
2/24/2025		0.017
8/1/2025		0.015

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.011	
6/16/2010	0.012	
7/27/2010	0.012	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.0077	
5/4/2012	0.0082	
11/10/2012	0.007	
5/9/2013	0.0079	
11/6/2013	0.011	
5/20/2014	0.0076 (J)	
11/12/2014	0.0071 (J)	
5/24/2015	0.0083 (J)	
11/12/2015	0.0069 (J)	
4/13/2016	0.00804 (J)	
6/21/2016	0.0086 (J)	
8/15/2016	0.0073	
10/5/2016	0.0077	
12/1/2016	0.0075	
2/8/2017	0.0078	
4/6/2017	0.0079	
6/20/2017	0.0078	
10/5/2017	0.0081	
3/21/2018	0.0081	
10/2/2018	0.0075	
3/27/2019	0.007	
9/11/2019	0.011	
3/18/2020	0.0086	
9/10/2020	0.009	
4/1/2021	0.0078	
8/11/2021	0.0078	
2/16/2022	0.0074	
8/25/2022	0.0069	
2/27/2023	0.0082	
8/9/2023	0.0087	
2/29/2024	0.0086	
8/6/2024	0.0072	
2/24/2025		0.0079
7/30/2025		0.0087

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	0.002 (J)	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	0.0031 (J)	
5/20/2014	0.002 (J)	
11/12/2014	<0.005	
5/23/2015	0.0027 (J)	
11/12/2015	0.0022 (J)	
4/13/2016	<0.005	
6/21/2016	0.0012 (J)	
8/15/2016	0.0021 (J)	
10/5/2016	0.0013 (J)	
12/1/2016	0.0015 (J)	
2/8/2017	0.0016 (J)	
4/5/2017	0.0014 (J)	
6/20/2017	0.0015 (J)	
10/5/2017	0.0015 (J)	
3/21/2018	0.0014 (J)	
10/2/2018	0.0012 (J)	
3/26/2019	0.0013 (J)	
9/11/2019	0.0036	
3/18/2020	0.0016 (J)	
9/10/2020	<0.005	
4/1/2021	0.0015 (J)	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	0.002	
8/9/2023	0.0026	
2/29/2024	0.0021	
8/6/2024	0.0014 (J)	
2/24/2025		0.0012 (J)
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.0051	
6/18/2010	0.0043 (J)	
7/29/2010	0.0058	
9/9/2010	0.0052	
4/26/2011	0.0025 (J)	
10/28/2011	0.0035 (J)	
5/4/2012	0.0073	
11/11/2012	0.004 (J)	
5/8/2013	0.006	
11/7/2013	0.0068 (J)	
5/20/2014	0.0039 (J)	
11/12/2014	0.0039 (J)	
5/24/2015	0.004 (J)	
11/12/2015	0.0077 (J)	
4/13/2016	0.0038 (J)	
6/21/2016	0.0035 (J)	
8/15/2016	0.0034	
10/7/2016	0.0037	
12/1/2016	0.0037	
2/9/2017	0.0038	
4/6/2017	0.0039	
6/22/2017	0.0042	
10/6/2017	0.0039	
3/22/2018	0.028 (O)	
10/3/2018	0.0056	
3/26/2019	0.0048	
9/11/2019	0.0075	
3/18/2020	0.008	
9/10/2020	0.0054	
4/6/2021	0.0061	
8/11/2021	0.0051	
2/16/2022	0.005	
8/26/2022	0.0043	
2/27/2023	0.006	
8/9/2023	0.0066	
3/1/2024	0.0059	
8/6/2024	0.0045	
2/24/2025		0.0053
7/30/2025		0.0053

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	0.0036 (J)	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	0.0006 (J)	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	0.0018 (J)	
3/1/2024	0.0022	
8/8/2024	<0.005	
2/25/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.012	
6/16/2010	0.014	
7/26/2010	0.013	
9/7/2010	0.015	
4/29/2011	0.014	
10/28/2011	0.014	
5/2/2012	0.017	
11/9/2012	0.014	
5/8/2013	0.017	
11/6/2013	0.017	
5/23/2014	0.013	
11/8/2014	0.018	
5/22/2015	0.02	
11/10/2015	0.013	
4/11/2016	0.0139	
6/16/2016	0.014	
8/11/2016	0.016	
10/5/2016	0.014	
11/29/2016	0.013	
2/8/2017	0.013	
4/6/2017	0.014	
6/21/2017	0.013	
10/5/2017	0.014	
3/20/2018	0.014	
10/2/2018	0.014	
3/26/2019	0.014	
9/11/2019	0.017	
3/18/2020	0.014	
9/9/2020	0.013	
4/1/2021	0.014	
8/11/2021	0.014	
2/16/2022	0.012	
8/25/2022	0.012	
2/28/2023	0.012	
8/9/2023	0.014	
2/29/2024	0.013	
8/6/2024	0.013	
2/25/2025		0.011
7/28/2025		0.015

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0039 (J)	
6/16/2010	0.0049 (J)	
7/27/2010	0.0047 (J)	
9/7/2010	0.0057	
4/29/2011	0.0087	
10/28/2011	0.0075	
5/2/2012	0.011	
11/9/2012	0.0076	
5/9/2013	0.0088	
11/6/2013	0.011	
5/22/2014	0.0057 (J)	
11/8/2014	0.013	
5/22/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	0.0082 (J)	
8/11/2016	0.0085	
10/5/2016	0.01	
11/29/2016	0.0087	
2/8/2017	0.0093	
4/5/2017	0.0098	
6/21/2017	0.0094	
10/5/2017	0.0096	
3/20/2018	0.0097	
10/2/2018	0.0097	
3/26/2019	0.0091	
9/12/2019	0.012	
3/19/2020	0.012	
9/9/2020	0.011	
4/5/2021	0.012	
8/11/2021	0.013	
2/16/2022	0.011	
8/25/2022	0.015	
2/28/2023	0.014	
8/8/2023	0.014	
2/29/2024	0.015	
8/6/2024	0.015	
2/25/2025		0.016
7/30/2025		0.014

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.0063	
6/17/2010	0.0053	
7/27/2010	0.0064	
9/7/2010	0.0078	
4/29/2011	0.0065	
10/28/2011	0.0092	
5/3/2012	0.011	
11/10/2012	0.0073	
5/9/2013	0.0098	
11/6/2013	0.011	
5/22/2014	0.0097 (J)	
11/9/2014	0.012	
5/22/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	0.0087 (J)	
8/11/2016	0.0083	
10/5/2016	0.0094	
11/30/2016	0.0084	
2/8/2017	0.0091	
4/6/2017	0.011	
6/21/2017	0.0081	
10/5/2017	0.0083	
3/21/2018	0.0085	
10/3/2018	0.0091	
3/26/2019	0.0092	
9/12/2019	0.011	
3/19/2020	0.0094	
9/10/2020	0.009	
4/5/2021	0.008	
8/11/2021	0.0087	
2/16/2022	0.0081	
8/25/2022	0.0079	
2/28/2023	0.009	
8/8/2023	0.01	
3/1/2024	0.0088	
8/6/2024	0.0088	
2/25/2025		0.0084
7/28/2025		0.0098

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/6/2016	0.00261 (JO)	
6/15/2016	0.00092 (J)	
8/10/2016	0.00076 (J)	
10/4/2016	0.00081 (J)	
11/30/2016	0.00061 (J)	
2/7/2017	<0.0025	
4/4/2017	0.00084 (J)	
6/20/2017	0.0012 (J)	
10/4/2017	0.00087 (J)	
3/20/2018	0.0018 (J)	
10/2/2018	0.0011 (J)	
3/26/2019	0.0019 (J)	
9/10/2019	0.0012 (J)	
3/18/2020	0.0017 (J)	
9/9/2020	0.0016 (J)	
4/1/2021	0.0024 (J)	
8/11/2021	0.0011 (J)	
2/15/2022	0.0029	
8/25/2022	0.0014 (J)	
2/28/2023	0.0026	
8/3/2023	0.0017 (J)	
3/4/2024	0.0026	
8/6/2024	0.001 (J)	
2/25/2025		0.0013 (J)
7/24/2025		0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	0.003 (JO)	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	2.2E-05 (J)	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00031 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	<0.005	
4/1/2021	0.00014 (J)	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	8.4E-05 (J)	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00052 (J)	
3/18/2020	<0.005	
9/9/2020	0.00019 (J)	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/26/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	2E-05 (J)	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	0.00017 (J)	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	0.00025 (J)	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	1.1E-05 (J)	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00015 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	0.0002 (J)	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	0.0034 (JO)	
9/7/2010	<0.005	
4/29/2011	0.0037 (JO)	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	0.0001 (J)	
8/12/2016	0.00042 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00042 (J)	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00028 (J)	
3/18/2020	0.00014 (J)	
9/10/2020	0.00023 (J)	
4/6/2021	0.00031 (J)	
8/12/2021	0.00067 (J)	
2/15/2022	<0.005	
8/25/2022	0.00046 (J)	
2/28/2023	<0.005	
8/9/2023	<0.005	
3/4/2024	<0.005	
8/7/2024	0.00023 (J)	
2/25/2025		<0.005
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	0.00016 (J)	
8/12/2016	<0.005	
10/6/2016	0.00068 (J)	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	0.00096 (J)	
9/10/2019	<0.005	
3/19/2020	0.00021 (J)	
9/10/2020	0.00032 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/25/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/19/2016	<0.005	
6/22/2016	<0.005	
8/16/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	9.9E-05 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	3E-05 (J)	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	8.7E-05 (J)	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	0.00015 (J)	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/24/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
6/20/2016	8.6E-05 (J)	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.00016 (J)	
3/19/2020	0.00013 (J)	
9/10/2020	0.00038 (J)	
4/1/2021	0.00015 (J)	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.0063 (JO)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (JO)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046 (J)	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	0.00068 (J)	
2/9/2017	0.0009 (J)	
4/7/2017	0.0011 (J)	
6/21/2017	0.00064 (J)	
8/15/2017	0.001 (J)	
9/1/2017	0.00089 (J)	
10/9/2017	0.00085 (J)	
3/22/2018	<0.0025 (O)	
10/4/2018	0.00048 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.00085 (J)	
3/18/2020	0.0027	
9/9/2020	0.0043	
4/5/2021	0.0026	
8/12/2021	0.0019 (J)	
2/15/2022	0.0037	
8/25/2022	0.0021 (J)	
2/27/2023	0.004	
8/8/2023	0.0044	
2/29/2024	0.0031	
8/6/2024	0.0017 (J)	
2/24/2025		0.0018 (J)
7/31/2025		0.0025 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.00016 (J)	
3/18/2020	<0.005	
9/9/2020	0.00023 (J)	
4/1/2021	0.00015 (J)	
8/12/2021	0.00013 (J)	
2/15/2022	<0.005	
8/25/2022	0.00053 (J)	
2/27/2023	<0.005	
8/8/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	0.0035	
10/18/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
8/1/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	0.00033 (J)	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.00042 (J)	
3/18/2020	0.00013 (J)	
9/10/2020	0.00057 (J)	
4/1/2021	0.00028 (J)	
8/11/2021	0.00033 (J)	
2/16/2022	0.00033 (J)	
8/26/2022	0.00033 (J)	
2/27/2023	<0.005	
8/9/2023	0.00035 (J)	
2/29/2024	0.00027 (J)	
8/6/2024	0.00029 (J)	
2/24/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	0.0032 (JO)	
11/10/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	8E-05 (J)	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.00023 (J)	
3/18/2020	0.00018 (J)	
9/9/2020	0.00014 (J)	
4/1/2021	<0.005	
8/11/2021	0.00021 (J)	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	9.8E-05 (J)	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.00021 (J)	
3/19/2020	0.00014 (J)	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	0.00012 (J)	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.0005 (J)	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.00021 (J)	
3/19/2020	0.00026 (J)	
9/10/2020	0.00018 (J)	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00095 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00074 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
2/28/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002
7/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/5/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0012 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/24/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
2/28/2024	<0.002	
8/6/2024	<0.002	
2/26/2025		<0.002
7/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/13/2014	<0.002	
5/23/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/5/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/18/2021	0.0011 (J)	
2/15/2022	0.0013 (J)	
8/24/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002
7/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00069 (J)	
8/12/2021	0.00078 (J)	
2/15/2022	0.0013 (J)	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002
7/31/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.003 (J)	
6/17/2010	<0.002	
7/28/2010	0.012 (O)	
9/7/2010	0.0026 (J)	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	0.0042 (J)	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0011 (J)	
3/18/2020	<0.002	
9/10/2020	0.00072 (J)	
4/6/2021	0.00088 (J)	
8/12/2021	0.0019 (J)	
2/15/2022	0.0013 (J)	
8/25/2022	0.0013 (J)	
2/28/2023	<0.002	
8/9/2023	<0.002	
3/4/2024	<0.002	
8/7/2024	<0.002	
2/25/2025		<0.002
7/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	0.0022 (J)	
7/28/2010	0.0033 (J)	
9/8/2010	<0.002	
4/28/2011	0.0037 (J)	
10/29/2011	<0.002	
5/3/2012	0.0031 (J)	
11/10/2012	0.0021 (J)	
5/10/2013	0.0025 (J)	
11/6/2013	0.0032 (J)	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	0.002 (J)	
4/12/2016	<0.002	
10/6/2016	0.0022 (J)	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0039	
9/10/2019	0.0017 (J)	
3/19/2020	<0.002	
9/10/2020	0.0011 (J)	
4/2/2021	0.0012 (J)	
8/12/2021	<0.002	
2/15/2022	0.0011 (J)	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/7/2024	<0.002	
2/25/2025		<0.002
7/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.002	
6/18/2010	0.0026 (J)	
7/27/2010	0.0029 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	0.0037 (J)	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00066 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/7/2024	<0.002	
2/24/2025		<0.002
7/31/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (JO)	
7/28/2010	0.0021 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	0.0022 (J)	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	0.0022 (J)	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/7/2017	<0.002	
10/6/2017	0.0026	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00086 (J)	
3/19/2020	<0.002	
9/10/2020	0.0024	
4/1/2021	0.00094 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002
7/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.0036 (J)	
6/19/2010	0.004 (J)	
7/28/2010	0.013	
9/8/2010	0.068	
4/30/2011	0.098	
10/27/2011	0.02	
5/4/2012	0.024	
11/11/2012	0.032	
5/10/2013	0.18 (O)	
11/7/2013	0.021	
5/21/2014	0.0089 (J)	
11/13/2014	0.1	
5/23/2015	0.048	
11/11/2015	0.059	
4/19/2016	0.0131 (J)	
10/10/2016	0.0046	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002
7/31/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/3/2012	0.0023 (J)	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	0.0038	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.0017 (J)	
2/27/2023	0.0013 (J)	
8/8/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002
7/31/2025		0.00069 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.002	
6/16/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/17/2021	0.0053	
10/18/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002
8/1/2025		0.0007 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	0.0021 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	0.0007 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002
7/30/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	0.0024 (J)	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002
7/30/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	0.0021 (J)	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/8/2024	<0.002	
2/25/2025		<0.002
7/31/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	0.0025 (J)	
7/26/2010	0.0023 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00084 (J)	
3/18/2020	<0.002	
9/9/2020	0.00084 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	0.0011 (J)	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002
7/28/2025		0.00097 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	0.0021 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/8/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002
7/28/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0021 (J)	
6/16/2010	0.0028 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/2/2012	<0.001	
11/9/2012	0.0024 (J)	
5/8/2013	0.0051	
11/6/2013	0.0033 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0036 (J)	
11/9/2015	0.0039 (J)	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00016 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	0.0021 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0024 (J)	
10/28/2011	0.002 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0034 (J)	
11/6/2013	0.0028 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0032 (J)	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00022 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	0.0026 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0036 (J)	
10/29/2011	0.0038 (J)	
5/3/2012	<0.001	
11/9/2012	0.0024 (J)	
5/9/2013	0.0085	
11/5/2013	0.0042 (J)	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	0.0044 (J)	
11/11/2015	0.0042 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	0.00067 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00023 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	0.00028 (J)	
8/6/2024	<0.001	
2/25/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	0.003 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0037 (J)	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/9/2012	0.003 (J)	
5/9/2013	0.0063	
11/5/2013	0.0043 (J)	
5/22/2014	<0.001	
11/13/2014	0.0021 (J)	
5/24/2015	0.0043 (J)	
11/11/2015	0.0032 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00014 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.011 (O)	
6/17/2010	0.0027 (J)	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0038 (J)	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	0.0029 (J)	
5/10/2013	0.0061	
11/6/2013	0.0025 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0034 (J)	
11/10/2015	0.0021 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	0.00037 (J)	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/9/2023	<0.001	
3/4/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.002 (J)	
4/28/2011	0.0042 (J)	
10/29/2011	0.0036 (J)	
5/3/2012	<0.001	
11/10/2012	0.0023 (J)	
5/10/2013	0.0062	
11/6/2013	0.0043 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0046 (J)	
11/11/2015	0.0028 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00019 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	0.0024 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	0.0028 (J)	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0061	
11/6/2013	0.0034 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0093 (JO)	
11/11/2015	0.0071 (J)	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	0.0034 (J)	
10/29/2011	0.0041 (J)	
5/4/2012	<0.001	
11/10/2012	0.0023 (J)	
5/9/2013	0.0067	
11/7/2013	0.0048 (J)	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0045 (J)	
11/11/2015	0.0048 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/24/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	0.0027 (J)	
7/28/2010	<0.001	
9/9/2010	0.002 (J)	
4/30/2011	0.0037 (J)	
10/29/2011	0.0025 (J)	
5/4/2012	<0.001	
11/10/2012	0.003 (J)	
5/9/2013	0.0064	
11/7/2013	0.0037 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0053 (J)	
11/11/2015	0.0022 (J)	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00017 (J)	
4/1/2021	<0.001	
8/11/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.0023 (J)	
4/30/2011	0.011 (O)	
10/27/2011	0.0055	
5/4/2012	0.0029 (J)	
11/11/2012	0.0052	
5/10/2013	0.023 (O)	
11/7/2013	0.0083	
5/21/2014	<0.001	
11/13/2014	0.0085	
5/23/2015	0.0077 (J)	
11/11/2015	0.008 (J)	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	0.00047 (J)	
2/9/2017	0.0012 (J)	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	0.00021 (J)	
8/6/2024	<0.001	
2/24/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	0.003 (J)	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0039 (J)	
10/27/2011	0.0043 (J)	
5/3/2012	<0.001	
11/11/2012	0.0025 (J)	
5/9/2013	0.0067	
11/6/2013	0.0069	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.003 (J)	
11/12/2015	0.0044 (J)	
4/13/2016	<0.001	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.001	
6/16/2010	0.002 (J)	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.003 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/11/2012	0.0022 (J)	
5/9/2013	0.007	
11/5/2013	0.0048 (J)	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.0035 (J)	
11/12/2015	0.0032 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/17/2021	0.00044 (J)	
10/18/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001
8/1/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0032 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/10/2012	0.0025 (J)	
5/9/2013	0.0051	
11/6/2013	0.0037 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0037 (J)	
11/12/2015	0.0038 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0017	
9/10/2020	0.00014 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
2/29/2024	0.0012	
8/6/2024	<0.001	
2/24/2025		<0.001
7/30/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021 (J)	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	0.0036 (J)	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/7/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	0.00061 (J)	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001
7/30/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	0.0024 (J)	
11/5/2013	0.0028 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/4/2016	<0.001	
12/1/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	0.0023 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0033 (J)	
10/28/2011	0.0023 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0052	
11/6/2013	0.003 (J)	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0023 (J)	
11/10/2015	0.0025 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/9/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	0.0022 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0029 (J)	
10/28/2011	0.0021 (J)	
5/2/2012	<0.001	
11/9/2012	0.002 (J)	
5/9/2013	0.0056	
11/6/2013	0.0035 (J)	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0047 (J)	
11/10/2015	0.0044 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	0.0009 (J)	
6/21/2017	<0.001	
10/5/2017	0.0015	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00014 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/30/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.0026 (J)	
6/17/2010	0.0021 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0056	
11/6/2013	0.0032 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0044 (J)	
11/10/2015	0.0038 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	7E-05 (J)	
11/5/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/22/2015	7.2E-05 (J)	
11/11/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	9.3E-05 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	7.4E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	8E-05 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.00012 (J)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
2/28/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	7.8E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	0.00011 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	7.1E-05 (J)	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	0.00011 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.00014 (J)	
10/2/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
2/28/2024	<0.0002	
8/6/2024	<0.0002	
2/26/2025		<0.0002
7/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	7.3E-05 (J)	
5/23/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.0001 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	7E-05 (J)	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00011 (J)	
10/2/2018	0.000136 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/18/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0002	
6/19/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	9.3E-05 (J)	
4/28/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/22/2014	<0.0002	
11/13/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00012 (J)	
10/2/2018	<0.0002	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/31/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/6/2013	0.00014 (J)	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/9/2023	<0.0002	
3/4/2024	<0.0002	
8/7/2024	<0.0002	
2/25/2025		<0.0002
7/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/10/2013	0.00012	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00012 (J)	
10/3/2018	0.00014 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/7/2024	<0.0002	
2/25/2025		<0.0002
7/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00016 (J)	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
6/22/2016	<0.0002	
8/16/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/22/2018	9.5E-05 (J)	
10/3/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017 (J)	
4/30/2011	<0.0002	
10/29/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00014 (J)	
11/7/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00011 (J)	
10/3/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
6/2/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/7/2024	<0.0002	
2/24/2025		<0.0002
7/31/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/29/2011	7E-05 (J)	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/7/2013	0.00016 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/20/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	9.9E-05 (J)	
10/4/2018	0.0001445 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/19/2020	0.00011 (J)	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002
7/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0002	
6/19/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	0.00011 (J)	
4/30/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/7/2013	0.00019 (J)	
5/21/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
10/10/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/21/2017	<0.0002	
8/15/2017	<0.0002	
9/1/2017	<0.0002	
10/9/2017	8.9E-05 (J)	
3/22/2018	9.7E-05 (J)	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002
7/31/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/3/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	8.8E-05 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/22/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002
7/31/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	8.8E-05 (J)	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000141 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/17/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/21/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002
8/1/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00019 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000142 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002
7/30/2025		0.00017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002
7/30/2025		0.00018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	8.2E-05 (J)	
6/18/2010	<0.0002	
7/29/2010	<0.0002	
9/9/2010	<0.0002	
4/26/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/8/2013	<0.0002	
11/7/2013	0.0001 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	0.00012 (J)	
10/3/2018	0.0001425 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002
7/30/2025		0.00017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	9.1E-05 (J)	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	0.00016 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/4/2016	<0.0002	
12/1/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000143 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/8/2024	<0.0002	
2/25/2025		<0.0002
7/31/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	<0.0002	
5/23/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.8E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/9/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/5/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.0002	
10/2/2018	0.0001405 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/30/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	8.5E-05 (J)	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.0001415 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	0.00015 (J)	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/28/2025		0.00059

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	0.00202 (J)	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00081 (J)	
3/18/2020	0.00043 (J)	
9/9/2020	0.00069 (J)	
4/1/2021	0.00049 (J)	
8/11/2021	0.00051 (J)	
2/15/2022	0.00065 (J)	
8/25/2022	0.001	
2/28/2023	0.00057 (J)	
8/3/2023	0.00099 (J)	
3/4/2024	<0.001	
8/6/2024	0.00085 (J)	
2/25/2025		0.00072 (J)
7/24/2025		0.00076 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	0.04 (O)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00037 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/5/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0012	
3/18/2020	<0.001	
9/9/2020	0.00048 (J)	
4/1/2021	0.0004 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	0.00082 (J)	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001
7/24/2025		0.00059 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	0.0086 (O)	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/5/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.00065 (J)	
3/18/2020	0.00056 (J)	
9/9/2020	0.00047 (J)	
4/1/2021	0.00073 (J)	
8/18/2021	0.0017	
2/15/2022	0.00052 (J)	
8/24/2022	0.00086 (J)	
2/27/2023	0.0013	
8/9/2023	0.0071	
10/4/2023	0.00085 (J)	
3/1/2024	0.00096 (J)	
8/6/2024	0.00059 (J)	
2/25/2025		0.00054 (J)
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0033 (JO)	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0025	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021	0.0022	
8/12/2021	0.0028	
2/15/2022	0.0018	
8/26/2022	0.002	
2/27/2023	0.0038	
8/9/2023	0.0017	
3/1/2024	0.0018	
8/6/2024	0.0029	
11/7/2024	0.002	
2/25/2025		0.0016
7/31/2025		0.0016 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0025	
9/10/2019	0.0016	
3/18/2020	0.00091 (J)	
9/10/2020	0.0014	
4/6/2021	0.0018	
8/12/2021	0.0029	
2/15/2022	0.0013	
8/25/2022	0.0024	
2/28/2023	0.0011	
8/9/2023	0.00078 (J)	
3/4/2024	0.0014	
8/7/2024	0.0016	
2/25/2025		0.0016
7/25/2025		0.0015 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.0036	
9/10/2019	0.00079 (J)	
3/19/2020	0.00073 (J)	
9/10/2020	0.0013	
4/2/2021	0.0012	
8/12/2021	0.00076 (J)	
2/15/2022	0.00076 (J)	
8/25/2022	0.0015	
2/27/2023	0.0012	
8/8/2023	0.001	
2/29/2024	0.0015	
8/7/2024	0.0013	
2/25/2025		0.0019
7/24/2025		0.0022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.006 (O)	
11/11/2015	<0.001	
4/19/2016	0.00268 (J)	
10/6/2016	<0.001	
4/6/2017	0.0018 (J)	
10/5/2017	<0.001	
3/22/2018	0.0019 (J)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.0007 (J)	
3/18/2020	0.00068 (J)	
9/9/2020	0.00039 (J)	
4/1/2021	0.00042 (J)	
8/12/2021	0.00061 (J)	
2/15/2022	0.001	
8/25/2022	0.00071 (J)	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	0.00049 (J)	
8/6/2024	0.00046 (J)	
2/25/2025		<0.001
7/25/2025		0.00048 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0034 (J)	
6/18/2010	0.0046 (J)	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0053	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	0.0047 (J)	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00099 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	0.0009 (J)	
4/5/2021	0.00088 (J)	
8/11/2021	0.00074 (J)	
2/15/2022	0.00089 (J)	
8/25/2022	0.0013	
2/27/2023	0.0008 (J)	
8/8/2023	0.00075 (J)	
2/29/2024	0.00098 (J)	
8/7/2024	0.00083 (J)	
2/24/2025		0.00064 (J)
7/31/2025		0.00053 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0044 (J)	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/6/2016	<0.005	
4/7/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.00046 (J)	
3/19/2020	<0.005	
9/10/2020	0.0007 (J)	
4/1/2021	0.00036 (J)	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	0.0015	
2/27/2023	0.01 (o)	
5/2/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.008	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0025	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0025	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0025	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.0013	
3/18/2020	0.0044	
9/9/2020	0.0036	
4/5/2021	0.0058	
8/12/2021	0.0035	
2/15/2022	0.0055	
8/25/2022	0.0053	
2/27/2023	0.007	
5/2/2023	0.0062	
8/8/2023	0.0087	
10/4/2023	0.0052	
2/29/2024	0.0055	
8/6/2024	0.0046	
2/24/2025		0.0046
7/31/2025		0.0043 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021	0.00058 (J)	
8/12/2021	0.00045 (J)	
2/15/2022	<0.001	
8/25/2022	0.0042 (o)	
12/28/2022	0.00068 (J)	
2/27/2023	0.00091 (J)	
8/8/2023	0.00066 (J)	
3/1/2024	0.00086 (J)	
8/6/2024	0.00042 (J)	
2/24/2025		<0.001
7/31/2025		0.00072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	0.00271 (J)	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0025	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021	0.0012	
8/17/2021	0.0094 (o)	
10/18/2021	0.002	
2/15/2022	0.0022	
8/25/2022	0.003	
12/28/2022	0.0017	
2/21/2023	0.0031	
8/9/2023	0.0026	
3/1/2024	0.0048	
5/20/2024	0.0016	
8/6/2024	0.0025	
2/24/2025		0.0011
8/1/2025		0.0032 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00066 (J)	
3/18/2020	0.0005 (J)	
9/10/2020	0.0012	
4/1/2021	0.00065 (J)	
8/11/2021	0.0006 (J)	
2/16/2022	0.0007 (J)	
8/25/2022	0.00081 (J)	
2/27/2023	0.00085 (J)	
8/9/2023	0.00068 (J)	
2/29/2024	0.00099 (J)	
8/6/2024	0.00086 (J)	
2/24/2025		0.00053 (J)
7/30/2025		0.00085 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00084 (J)	
3/18/2020	0.0006 (J)	
9/10/2020	0.00088 (J)	
4/1/2021	0.00065 (J)	
8/11/2021	0.0008 (J)	
2/16/2022	0.00076 (J)	
8/26/2022	0.00096 (J)	
2/27/2023	0.0011	
8/9/2023	0.00094 (J)	
2/29/2024	0.00092 (J)	
8/6/2024	0.0009 (J)	
2/24/2025		<0.001
7/30/2025		0.00096 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/7/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.00039 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	0.00044 (J)	
4/6/2021	0.00053 (J)	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	0.00043 (J)	
3/1/2024	0.00059 (J)	
8/6/2024	0.00046 (J)	
2/24/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	0.0045 (JO)	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.00048 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	0.00064 (J)	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021	0.00047 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	0.0017	
2/28/2023	0.0016	
8/8/2023	0.00051 (J)	
2/29/2024	0.00067 (J)	
8/6/2024	0.00053 (J)	
2/25/2025		0.0012
7/30/2025		0.007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0063 (O)	
11/10/2015	<0.001	
4/12/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	0.002 (J)	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00098 (J)	
9/10/2020	0.00098 (J)	
4/5/2021	0.00048 (J)	
8/11/2021	0.00056 (J)	
2/16/2022	0.00055 (J)	
8/25/2022	0.00074 (J)	
2/28/2023	<0.001	
8/8/2023	0.00067 (J)	
3/1/2024	0.00059 (J)	
8/6/2024	<0.001	
2/25/2025		0.00061 (J)
7/28/2025		0.0006 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	0.00067 (J)	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	0.0043 (J)	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	0.00024 (J)	
2/7/2017	<0.005	
4/4/2017	0.0017	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	0.0044 (J)	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	0.00027 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/26/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0053 (J)	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	0.00037 (J)	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	0.00037 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	0.0044 (J)	
11/11/2015	0.0045 (J)	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	0.0023	
6/20/2017	0.00024 (J)	
10/4/2017	<0.005	
3/20/2018	0.00059 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	0.00075 (J)	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	0.00036 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
3/4/2024	<0.005	
8/7/2024	<0.005	
2/25/2025		<0.005
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	0.00029 (J)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023	0.0039 (J)	
8/8/2023	0.0041 (J)	
2/29/2024	0.0042 (J)	
8/7/2024	0.0045 (J)	
2/25/2025		0.0076
4/22/2025		0.0091 (R)
7/24/2025		0.009

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	0.013 (J)	
11/11/2015	0.037	
4/19/2016	0.0587	
6/22/2016	0.0435	
8/16/2016	0.029	
10/6/2016	0.027	
12/1/2016	0.029	
2/9/2017	0.031	
4/6/2017	0.043	
6/21/2017	0.052	
10/5/2017	0.038	
3/22/2018	0.038	
10/3/2018	0.021	
3/27/2019	0.023	
9/11/2019	0.0079	
3/18/2020	0.014	
9/9/2020	0.0054	
4/1/2021	0.0065	
8/12/2021	0.0088	
2/15/2022	0.0058	
8/25/2022	0.0043 (J)	
2/28/2023	0.0033 (J)	
8/8/2023	0.003 (J)	
2/29/2024	0.0018 (J)	
8/6/2024	0.0029 (J)	
2/25/2025		0.0013 (J)
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.007 (J)	
4/12/2016	<0.005	
6/20/2016	0.00032 (J)	
8/12/2016	0.00035 (J)	
10/6/2016	0.00029 (J)	
11/30/2016	0.00026 (J)	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00031 (J)	
10/6/2017	<0.005	
3/21/2018	0.00038 (J)	
10/3/2018	0.00056 (J)	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/24/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0053 (J)	
11/11/2015	0.0049 (J)	
4/13/2016	<0.005	
6/20/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/30/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/10/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0045 (J)	
11/11/2015	0.0043 (J)	
4/19/2016	<0.005	
10/10/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	0.00044 (J)	
10/9/2017	<0.005	
3/22/2018	0.00032 (J)	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	0.0065 (J)	
4/13/2016	<0.005	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.0004 (J)	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	0.0043 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
8/1/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.005 (J)	
11/12/2015	0.0042 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.00031 (J)	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	0.004 (J)	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0052 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	0.00025 (J)	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0041 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0044 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	0.00025 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/24/2025		0.00081 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0003 (J)	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00023 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00049 (J)	
9/9/2020	<0.001	
4/1/2021	0.00027 (J)	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/22/2014	<0.001	
11/13/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00025 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00036 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00037 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	0.0003 (J)	
8/11/2021	0.0002 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/24/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	0.00027 (J)	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00019 (J)	
4/1/2021	<0.001	
8/11/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001
7/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00081 (J)	
8/12/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00016 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001
7/31/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/10/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00032 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/30/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	0.0035 (J)	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	0.0031	
4/4/2017	<0.005	
10/4/2017	0.0021 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	0.0011	
8/3/2023	<0.005	
3/4/2024	0.00066 (J)	
8/6/2024	<0.005	
2/25/2025		<0.005
7/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0049 (J)	
6/16/2010	0.0054 (J)	
7/27/2010	0.0055 (J)	
9/7/2010	0.005 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0081 (J)	
5/2/2012	0.0059 (J)	
11/9/2012	0.0062 (J)	
5/8/2013	0.0079 (J)	
11/6/2013	0.0068 (J)	
5/20/2014	0.0074 (J)	
11/8/2014	0.0097 (J)	
5/22/2015	0.0085 (J)	
11/9/2015	<0.01	
4/6/2016	0.00726 (J)	
10/4/2016	0.013	
4/4/2017	0.0046	
10/5/2017	0.0071	
3/20/2018	0.0067	
10/2/2018	0.0069	
3/26/2019	0.007	
9/10/2019	0.01	
3/18/2020	0.0078	
9/9/2020	0.0072	
4/1/2021	0.0078	
8/11/2021	0.0082	
2/15/2022	0.0077	
8/25/2022	0.0079	
2/28/2023	0.0087	
8/3/2023	0.0086	
2/28/2024	0.0087	
8/6/2024	0.0082	
2/25/2025		0.0069
7/24/2025		0.0079

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0024 (J)	
6/16/2010	0.002 (J)	
7/26/2010	<0.01	
9/7/2010	0.0026 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	<0.01	
5/2/2012	0.003 (J)	
11/9/2012	0.0081 (J)	
5/8/2013	<0.01	
11/6/2013	0.0032 (J)	
5/20/2014	0.0036 (J)	
11/8/2014	0.0065 (J)	
5/22/2015	<0.01	
11/9/2015	0.0047 (J)	
4/6/2016	0.00424 (J)	
10/5/2016	0.0049	
4/4/2017	0.0048	
10/5/2017	0.0024 (J)	
3/20/2018	0.0041	
10/2/2018	0.004	
3/26/2019	0.0051	
9/10/2019	0.0091	
3/18/2020	0.0051	
9/9/2020	0.0053	
4/1/2021	0.005	
8/11/2021	0.0055	
2/15/2022	0.0052	
8/24/2022	0.0051	
2/28/2023	0.0057	
8/3/2023	0.0041	
2/28/2024	0.0056	
8/6/2024	0.0055	
2/26/2025		0.011
7/24/2025		0.0058

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.012	
6/17/2010	0.0082 (J)	
7/27/2010	0.0096 (J)	
9/9/2010	0.0098 (J)	
4/28/2011	0.0085 (J)	
10/29/2011	0.011	
5/3/2012	0.013	
11/9/2012	0.013	
5/9/2013	0.012	
11/5/2013	0.015	
5/23/2014	0.015	
11/13/2014	0.02	
5/23/2015	0.018	
11/11/2015	0.018	
4/12/2016	0.0173	
10/4/2016	0.021	
4/5/2017	0.017	
10/4/2017	0.02	
3/20/2018	0.016	
10/2/2018	0.017	
3/26/2019	0.017	
9/10/2019	0.02	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.019	
8/18/2021	0.018	
2/15/2022	0.018	
8/24/2022	0.017	
2/27/2023	0.019	
8/9/2023	0.019	
3/1/2024	0.018	
8/6/2024	0.019	
2/25/2025		0.017
7/25/2025		0.017

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0078 (J)	
6/19/2010	<0.01	
7/27/2010	0.0096 (J)	
9/9/2010	0.0095 (J)	
4/28/2011	0.01	
10/28/2011	0.014	
5/3/2012	0.013	
11/9/2012	0.012	
5/9/2013	0.012	
11/5/2013	0.014	
5/22/2014	0.013	
11/13/2014	0.016	
5/24/2015	0.014	
11/11/2015	0.014	
4/12/2016	0.0155	
10/4/2016	0.017	
4/6/2017	0.015	
10/4/2017	0.015	
3/20/2018	0.014	
10/2/2018	0.015	
3/26/2019	0.016	
9/10/2019	0.018	
3/18/2020	0.016	
9/9/2020	0.014	
4/1/2021	0.014	
8/12/2021	0.016	
2/15/2022	0.016	
8/26/2022	0.015	
2/27/2023	0.016	
8/9/2023	0.016	
3/1/2024	0.015	
8/6/2024	0.016	
2/25/2025		0.013
7/31/2025		0.014

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.0046 (J)	
6/17/2010	0.0046 (J)	
7/28/2010	0.019 (O)	
9/7/2010	0.0072 (J)	
4/29/2011	0.0052 (J)	
10/28/2011	0.0059 (J)	
5/3/2012	0.0049 (J)	
11/9/2012	0.007 (J)	
5/10/2013	0.0094 (J)	
11/6/2013	0.0059 (J)	
5/22/2014	0.0057 (J)	
11/9/2014	0.0069 (J)	
5/22/2015	0.006 (J)	
11/10/2015	0.011	
4/12/2016	0.00503 (J)	
10/5/2016	0.0072	
4/6/2017	0.0056	
10/5/2017	0.0061	
3/21/2018	0.0097	
10/3/2018	0.0053	
3/26/2019	0.0076	
9/10/2019	0.0078	
3/18/2020	0.0051	
9/10/2020	0.0061	
4/6/2021	0.0075	
8/12/2021	0.0087	
2/15/2022	0.0064	
8/25/2022	0.0072	
2/28/2023	0.0066	
8/9/2023	0.0057	
3/4/2024	0.0051	
8/7/2024	0.0054	
2/25/2025		0.0042
7/25/2025		0.0055

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0068 (J)	
6/17/2010	0.0079 (J)	
7/28/2010	0.0077 (J)	
9/8/2010	0.0077 (J)	
4/28/2011	0.0099 (J)	
10/29/2011	0.006 (J)	
5/3/2012	0.0084 (J)	
11/10/2012	0.0061 (J)	
5/10/2013	0.009 (J)	
11/6/2013	0.0089 (J)	
5/22/2014	0.0084 (J)	
11/9/2014	0.0076 (J)	
5/22/2015	0.011	
11/11/2015	0.0034 (J)	
4/12/2016	0.00654 (J)	
10/6/2016	0.0086	
4/6/2017	0.0073	
10/6/2017	0.0087	
3/21/2018	0.0058	
10/3/2018	0.006	
3/26/2019	0.011	
9/10/2019	0.0086	
3/19/2020	0.0065	
9/10/2020	0.0068	
4/2/2021	0.0081	
8/12/2021	0.007	
2/15/2022	0.0059	
8/25/2022	0.0059	
2/27/2023	0.0056	
8/8/2023	0.0056	
2/29/2024	0.0049	
8/7/2024	0.0038	
2/25/2025		0.0041
7/24/2025		0.0043 (J)

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.0038 (J)	
6/18/2010	0.0044 (J)	
7/27/2010	0.0054 (J)	
9/9/2010	0.0053 (J)	
4/29/2011	0.0039 (J)	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0035 (J)	
5/9/2013	0.004 (J)	
11/6/2013	0.0034 (J)	
5/22/2014	0.0047 (J)	
11/9/2014	0.0067 (J)	
5/24/2015	0.0033 (J)	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0025	
3/22/2018	0.0018 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.002 (J)	
9/11/2019	0.0047	
3/18/2020	0.002	
9/9/2020	0.002	
4/1/2021	0.0027	
8/12/2021	0.0021	
2/15/2022	0.0026	
8/25/2022	0.0026	
2/28/2023	0.003	
8/8/2023	0.0018 (J)	
2/29/2024	0.0029	
8/6/2024	0.0023	
2/25/2025		0.0023
7/25/2025		0.0026 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0055 (J)	
6/18/2010	0.0071 (J)	
7/27/2010	0.0085 (J)	
9/9/2010	0.0088 (J)	
4/30/2011	0.0094 (J)	
10/29/2011	0.009 (J)	
5/4/2012	0.0084 (J)	
11/10/2012	0.0089 (J)	
5/9/2013	0.0071 (J)	
11/7/2013	0.0094 (J)	
5/21/2014	0.0082 (J)	
11/9/2014	0.013	
5/24/2015	0.009 (J)	
11/11/2015	0.0052 (J)	
4/12/2016	0.00896 (J)	
10/6/2016	0.009	
4/6/2017	0.0089	
10/6/2017	0.011	
3/21/2018	0.0077	
10/3/2018	0.0081	
3/26/2019	0.012	
9/11/2019	0.012	
3/18/2020	0.0099	
9/10/2020	0.0094	
4/5/2021	0.0091	
8/11/2021	0.0099	
2/15/2022	0.0094	
8/25/2022	0.011	
2/27/2023	0.0097	
8/8/2023	0.0094	
2/29/2024	0.0093	
8/7/2024	0.0091	
2/24/2025		0.011
7/31/2025		0.0086

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.011	
6/18/2010	0.017	
7/28/2010	0.012	
9/9/2010	0.013	
4/30/2011	0.012	
10/29/2011	0.013	
5/4/2012	0.012	
11/10/2012	0.012	
5/9/2013	0.013	
11/7/2013	0.014	
5/21/2014	0.013	
11/12/2014	0.015	
5/24/2015	0.015	
11/11/2015	0.0055 (J)	
4/13/2016	0.0127	
10/6/2016	0.012	
4/7/2017	0.013	
10/6/2017	0.015	
3/22/2018	0.012	
10/4/2018	0.012	
3/27/2019	0.013	
9/11/2019	0.015	
3/19/2020	0.014	
9/10/2020	0.014	
4/1/2021	0.014	
8/11/2021	0.013	
2/15/2022	0.013	
8/25/2022	0.014	
2/27/2023	0.014	
8/8/2023	0.012	
2/29/2024	0.013	
8/6/2024	0.013	
2/24/2025		0.013
7/24/2025		0.011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.013	
6/19/2010	0.0075 (J)	
7/28/2010	0.01	
9/8/2010	0.038	
4/30/2011	0.053 (O)	
10/27/2011	0.016	
5/4/2012	0.018	
11/11/2012	0.025	
5/10/2013	0.09 (O)	
11/7/2013	0.02	
5/21/2014	0.016	
11/13/2014	0.065 (O)	
5/23/2015	0.032	
11/11/2015	0.033	
4/19/2016	0.0233	
10/10/2016	0.019	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.005	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.005	
4/5/2021	0.0023	
8/12/2021	<0.005	
2/15/2022	0.00079 (J)	
8/25/2022	0.0023	
2/27/2023	0.0019	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		0.002
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097 (J)	
6/16/2010	0.01	
7/27/2010	0.012	
9/8/2010	0.013	
4/29/2011	0.0097 (J)	
10/27/2011	0.015	
5/3/2012	0.017	
11/11/2012	0.017	
5/9/2013	0.014	
11/6/2013	0.019	
5/21/2014	0.016	
11/12/2014	0.022	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0144	
10/6/2016	0.02	
4/6/2017	0.016	
10/5/2017	0.024	
3/21/2018	0.018	
10/2/2018	0.021	
3/27/2019	0.019	
9/11/2019	0.025	
3/18/2020	0.012	
9/9/2020	0.022	
4/1/2021	0.0095	
8/12/2021	0.02	
2/15/2022	0.017	
8/25/2022	0.025	
2/27/2023	0.018	
8/8/2023	0.019	
3/1/2024	0.016	
8/6/2024	0.02	
2/24/2025		0.01
7/31/2025		0.018

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.01	
7/28/2010	0.011	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.014	
5/4/2012	0.0096 (J)	
11/11/2012	0.011	
5/9/2013	0.011	
11/5/2013	0.013	
5/21/2014	0.012	
11/12/2014	0.016	
5/23/2015	0.011	
11/12/2015	0.0053 (J)	
4/13/2016	0.0124	
10/5/2016	0.013	
4/6/2017	0.013	
10/5/2017	0.015	
3/21/2018	0.012	
10/2/2018	0.012	
3/27/2019	0.012	
9/11/2019	0.017	
3/18/2020	0.013	
9/9/2020	0.012	
4/1/2021	0.013	
8/17/2021	0.026	
10/18/2021	0.013	
2/15/2022	0.012	
8/25/2022	0.011	
2/21/2023	0.012	
8/9/2023	0.013	
3/1/2024	0.013	
8/6/2024	0.01	
2/24/2025		0.013
8/1/2025		0.011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.009 (J)	
6/16/2010	0.0089 (J)	
7/27/2010	0.0089 (J)	
9/8/2010	0.009 (J)	
4/29/2011	0.0082 (J)	
10/27/2011	0.009 (J)	
5/4/2012	0.0091 (J)	
11/10/2012	0.0096 (J)	
5/9/2013	0.01	
11/6/2013	0.01	
5/20/2014	0.011	
11/12/2014	0.012	
5/24/2015	0.012	
11/12/2015	<0.01	
4/13/2016	0.00976 (J)	
10/5/2016	0.013	
4/6/2017	0.011	
10/5/2017	0.013	
3/21/2018	0.0098	
10/2/2018	0.01	
3/27/2019	0.012	
9/11/2019	0.015	
3/18/2020	0.011	
9/10/2020	0.01	
4/1/2021	0.011	
8/11/2021	0.011	
2/16/2022	0.0099	
8/25/2022	0.0099	
2/27/2023	0.012	
8/9/2023	0.0099	
2/29/2024	0.011	
8/6/2024	0.0089	
2/24/2025		0.011
7/30/2025		0.011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	0.0032 (J)	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	0.0022 (J)	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	0.0014	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		0.00072 (J)
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	0.0039 (J)	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.004 (J)	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	0.0032	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0041	
9/11/2019	0.0062	
3/18/2020	0.001	
9/10/2020	0.0011	
4/6/2021	0.0028	
8/11/2021	0.0013	
2/16/2022	0.0011	
8/26/2022	0.0016	
2/27/2023	0.0021	
8/9/2023	0.0016 (J)	
3/1/2024	0.0011 (J)	
8/6/2024	<0.002	
2/24/2025		0.0022
7/30/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/4/2016	0.0026	
4/6/2017	<0.005	
10/5/2017	0.0024 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	0.0013	
8/11/2021	0.0012	
2/16/2022	0.00091 (J)	
8/26/2022	0.0017	
2/27/2023	0.002	
8/9/2023	0.00079 (J)	
3/1/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005
7/31/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.0052 (J)	
6/16/2010	0.0059 (J)	
7/26/2010	0.0052 (J)	
9/7/2010	0.0056 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0048 (J)	
5/2/2012	0.0057 (J)	
11/9/2012	0.0057 (J)	
5/8/2013	0.0069 (J)	
11/6/2013	0.0052 (J)	
5/23/2014	0.0081 (J)	
11/8/2014	0.01	
5/22/2015	0.0052 (J)	
11/10/2015	<0.01	
4/11/2016	0.00604 (J)	
10/5/2016	0.0075	
4/6/2017	0.0065	
10/5/2017	0.0052	
3/20/2018	0.0064	
10/2/2018	0.0064	
3/26/2019	0.0094	
9/11/2019	0.011	
3/18/2020	0.0075	
9/9/2020	0.007	
4/1/2021	0.0081	
8/11/2021	0.008	
2/16/2022	0.0066	
8/25/2022	0.007	
2/28/2023	0.0072	
8/9/2023	0.0061	
2/29/2024	0.0069	
8/6/2024	0.0066	
2/25/2025		0.006
7/28/2025		0.0082

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0064 (J)	
6/16/2010	0.0061 (J)	
7/27/2010	0.006 (J)	
9/7/2010	0.0066 (J)	
4/29/2011	0.0066 (J)	
10/28/2011	0.0057 (J)	
5/2/2012	0.006 (J)	
11/9/2012	0.0073 (J)	
5/9/2013	0.0069 (J)	
11/6/2013	0.0077 (J)	
5/22/2014	0.0075 (J)	
11/8/2014	0.0081 (J)	
5/22/2015	0.01	
11/10/2015	0.0033 (J)	
4/11/2016	0.00756 (J)	
10/5/2016	0.0084	
4/5/2017	0.0086	
10/5/2017	0.0062	
3/20/2018	0.0072	
10/2/2018	0.0073	
3/26/2019	0.0094	
9/12/2019	0.0083	
3/19/2020	0.008	
9/9/2020	0.0071	
4/5/2021	0.0068	
8/11/2021	0.0076	
2/16/2022	0.0068	
8/25/2022	0.0068	
2/28/2023	0.0078	
8/8/2023	0.007	
2/29/2024	0.0078	
8/6/2024	0.0075	
2/25/2025		0.0067
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.014	
6/17/2010	0.014	
7/27/2010	0.016	
9/7/2010	0.017	
4/29/2011	0.015	
10/28/2011	0.016	
5/3/2012	0.016	
11/10/2012	0.018	
5/9/2013	0.019	
11/6/2013	0.019	
5/22/2014	0.018	
11/9/2014	0.02	
5/22/2015	0.016	
11/10/2015	0.01	
4/12/2016	0.019	
10/5/2016	0.016	
4/6/2017	0.02	
10/5/2017	0.02	
3/21/2018	0.021	
10/3/2018	0.017	
3/26/2019	0.018	
9/12/2019	0.02	
3/19/2020	0.019	
9/10/2020	0.018	
4/5/2021	0.017	
8/11/2021	0.019	
2/16/2022	0.018	
8/25/2022	0.018	
2/28/2023	0.019	
8/8/2023	0.018	
3/1/2024	0.019	
8/6/2024	0.017	
2/25/2025		0.016
7/28/2025		0.02

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.01	
6/18/2010	<0.01	
7/28/2010	<0.01	
9/9/2010	<0.01	
4/30/2011	<0.01	
10/28/2011	<0.01	
5/2/2012	<0.01	
11/9/2012	<0.01	
5/8/2013	<0.01	
11/5/2013	<0.01	
5/20/2014	<0.01	
11/12/2014	<0.01	
5/22/2015	<0.01	
11/11/2015	<0.01	
4/6/2016	<0.01	
10/4/2016	<0.01	
4/4/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	0.006	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	<0.01	
2/15/2022	<0.01	
8/25/2022	<0.01	
2/28/2023	<0.01	
8/3/2023	<0.01	
3/4/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		0.0034 (J)
7/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.01	
6/16/2010	<0.01	
7/27/2010	<0.01	
9/7/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/2/2012	<0.01	
11/9/2012	<0.01	
5/8/2013	<0.01	
11/6/2013	<0.01	
5/20/2014	<0.01	
11/8/2014	<0.01	
5/22/2015	<0.01	
11/9/2015	<0.01	
4/6/2016	<0.01	
10/4/2016	<0.01	
4/4/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	0.0047 (J)	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	<0.01	
2/15/2022	<0.01	
8/25/2022	<0.01	
2/28/2023	<0.01	
8/3/2023	0.0035 (J)	
2/28/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01
7/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.01	
6/16/2010	<0.01	
7/26/2010	<0.01	
9/7/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/2/2012	<0.01	
11/9/2012	<0.01	
5/8/2013	<0.01	
11/6/2013	<0.01	
5/20/2014	<0.01	
11/8/2014	<0.01	
5/22/2015	<0.01	
11/9/2015	<0.01	
4/6/2016	0.00274 (J)	
10/5/2016	0.0073 (J)	
4/4/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	0.0084	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	<0.01	
2/15/2022	<0.01	
8/24/2022	<0.01	
2/28/2023	<0.01	
8/3/2023	<0.01	
2/28/2024	<0.01	
8/6/2024	<0.01	
2/26/2025		<0.01
7/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.01	
6/17/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/28/2011	<0.01	
10/29/2011	<0.01	
5/3/2012	<0.01	
11/9/2012	<0.01	
5/9/2013	<0.01	
11/5/2013	<0.01	
5/23/2014	<0.01	
11/13/2014	<0.01	
5/23/2015	<0.01	
11/11/2015	<0.01	
4/12/2016	<0.01	
10/4/2016	<0.01	
4/5/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	0.0038 (J)	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/18/2021	<0.01	
2/15/2022	<0.01	
8/24/2022	0.0039 (J)	
2/27/2023	<0.01	
8/9/2023	<0.01	
3/1/2024	0.004 (J)	
8/6/2024	<0.01	
2/25/2025		<0.01
7/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.01	
6/19/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/28/2011	<0.01	
10/28/2011	<0.01	
5/3/2012	<0.01	
11/9/2012	<0.01	
5/9/2013	<0.01	
11/5/2013	<0.01	
5/22/2014	<0.01	
11/13/2014	<0.01	
5/24/2015	<0.01	
11/11/2015	<0.01	
4/12/2016	<0.01	
10/4/2016	<0.01	
4/6/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	0.004 (J)	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/1/2021	0.01	
8/12/2021	<0.01	
2/15/2022	<0.01	
8/26/2022	<0.01	
2/27/2023	<0.01	
8/9/2023	0.0046 (J)	
3/1/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01
7/31/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.018 (JO)	
6/17/2010	<0.01	
7/28/2010	0.016 (JO)	
9/7/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/3/2012	<0.01	
11/9/2012	<0.01	
5/10/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/22/2015	<0.01	
11/10/2015	<0.01	
4/12/2016	<0.01	
10/5/2016	0.01 (JO)	
4/6/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	0.0069	
3/18/2020	<0.01	
9/10/2020	<0.01	
4/6/2021	<0.01	
8/12/2021	0.0035 (J)	
2/15/2022	<0.01	
8/25/2022	<0.01	
2/28/2023	<0.01	
8/9/2023	<0.01	
3/4/2024	<0.01	
8/7/2024	0.0028 (J)	
2/25/2025		<0.01
7/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.01	
6/17/2010	<0.01	
7/28/2010	<0.01	
9/8/2010	<0.01	
4/28/2011	<0.01	
10/29/2011	<0.01	
5/3/2012	<0.01	
11/10/2012	<0.01	
5/10/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/22/2015	<0.01	
11/11/2015	<0.01	
4/12/2016	0.00203 (J)	
10/6/2016	<0.01	
4/6/2017	<0.01	
10/6/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	0.006	
3/19/2020	<0.01	
9/10/2020	<0.01	
4/2/2021	<0.01	
8/12/2021	<0.01	
2/15/2022	<0.01	
8/25/2022	<0.01	
2/27/2023	<0.01	
8/8/2023	<0.01	
2/29/2024	<0.01	
8/7/2024	<0.01	
2/25/2025		<0.01
7/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/24/2015	<0.01	
11/11/2015	0.0089 (J)	
4/19/2016	0.0133 (O)	
10/6/2016	<0.01	
4/6/2017	0.0087 (J)	
10/5/2017	0.0078 (J)	
3/22/2018	0.0086 (J)	
10/3/2018	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0074	
3/18/2020	0.0045 (J)	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/12/2021	0.0034 (J)	
2/15/2022	0.0034 (J)	
8/25/2022	<0.01	
2/28/2023	<0.01	
8/8/2023	<0.01	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01
7/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/30/2011	<0.01	
10/29/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/7/2013	<0.01	
5/21/2014	<0.01	
11/9/2014	<0.01	
5/24/2015	<0.01	
11/11/2015	<0.01	
4/12/2016	<0.01	
10/6/2016	<0.01	
4/6/2017	<0.01	
10/6/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	<0.01	
9/11/2019	0.0062	
3/18/2020	<0.01	
9/10/2020	<0.01	
4/5/2021	<0.01	
8/11/2021	<0.01	
2/15/2022	<0.01	
8/25/2022	<0.01	
2/27/2023	<0.01	
8/8/2023	<0.01	
2/29/2024	<0.01	
8/7/2024	<0.01	
2/24/2025		<0.01
7/31/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.01	
6/18/2010	<0.01	
7/28/2010	<0.01	
9/9/2010	<0.01	
4/30/2011	<0.01	
10/29/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/7/2013	<0.01	
5/21/2014	<0.01	
11/12/2014	<0.01	
5/24/2015	<0.01	
11/11/2015	<0.01	
4/13/2016	<0.01	
10/6/2016	<0.01	
4/7/2017	<0.01	
10/6/2017	<0.01	
3/22/2018	<0.01	
10/4/2018	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0074	
3/19/2020	<0.01	
9/10/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	<0.01	
2/15/2022	0.0037 (J)	
8/25/2022	<0.01	
2/27/2023	<0.01	
8/8/2023	<0.01	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01
7/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.01	
6/19/2010	0.0081 (J)	
7/28/2010	0.017 (J)	
9/8/2010	0.085	
4/30/2011	0.13 (O)	
10/27/2011	0.03	
5/4/2012	0.029	
11/11/2012	0.046	
5/10/2013	0.23 (O)	
11/7/2013	0.028	
5/21/2014	0.015 (J)	
11/13/2014	0.13 (O)	
5/23/2015	0.059	
11/11/2015	0.079	
4/19/2016	0.0218	
10/10/2016	0.013 (J)	
4/7/2017	<0.01	
10/9/2017	<0.01	
3/22/2018	<0.01	
10/4/2018	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0052	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/5/2021	<0.01	
8/12/2021	<0.01	
2/15/2022	<0.01	
8/25/2022	<0.01	
2/27/2023	0.016	
8/8/2023	<0.01	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01
7/31/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.01	
6/16/2010	<0.01	
7/27/2010	<0.01	
9/8/2010	<0.01	
4/29/2011	<0.01	
10/27/2011	<0.01	
5/3/2012	<0.01	
11/11/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/21/2014	<0.01	
11/12/2014	<0.01	
5/23/2015	<0.01	
11/12/2015	<0.01	
4/13/2016	<0.01	
10/6/2016	<0.01	
4/6/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	<0.01	
9/11/2019	0.0037 (J)	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/12/2021	<0.01	
2/15/2022	<0.01	
8/25/2022	<0.01	
2/27/2023	<0.01	
8/8/2023	<0.01	
3/1/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01
7/31/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.01	
6/16/2010	<0.01	
7/28/2010	<0.01	
9/8/2010	<0.01	
4/29/2011	<0.01	
10/27/2011	<0.01	
5/4/2012	<0.01	
11/11/2012	<0.01	
5/9/2013	<0.01	
11/5/2013	<0.01	
5/21/2014	<0.01	
11/12/2014	<0.01	
5/23/2015	<0.01	
11/12/2015	<0.01	
4/13/2016	<0.01	
10/5/2016	<0.01	
4/6/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	<0.01	
9/11/2019	0.004 (J)	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/17/2021	0.013	
10/18/2021	<0.01	
2/15/2022	<0.01	
8/25/2022	<0.01	
2/21/2023	<0.01	
8/9/2023	<0.01	
3/1/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		0.0097
8/1/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.01	
6/16/2010	<0.01	
7/27/2010	<0.01	
9/8/2010	<0.01	
4/29/2011	<0.01	
10/27/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/20/2014	<0.01	
11/12/2014	<0.01	
5/24/2015	<0.01	
11/12/2015	<0.01	
4/13/2016	0.00241 (J)	
10/5/2016	<0.01	
4/6/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	0.007 (J)	
10/2/2018	0.022 (O)	
3/27/2019	<0.01	
9/11/2019	0.0072	
3/18/2020	<0.01	
9/10/2020	0.018	
4/1/2021	0.0034 (J)	
8/11/2021	<0.01	
2/16/2022	0.0034 (J)	
8/25/2022	<0.01	
2/27/2023	<0.01	
8/9/2023	<0.01	
2/29/2024	0.0036 (J)	
8/6/2024	0.0033 (J)	
2/24/2025		0.0031 (J)
7/30/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/8/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/3/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/20/2014	<0.01	
11/12/2014	<0.01	
5/23/2015	<0.01	
11/12/2015	<0.01	
4/13/2016	0.00409 (J)	
10/5/2016	<0.01	
4/5/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/11/2019	0.0065	
3/18/2020	0.005	
9/10/2020	0.0037 (J)	
4/1/2021	<0.01	
8/11/2021	<0.01	
2/16/2022	0.0032 (J)	
8/26/2022	<0.01	
2/27/2023	<0.01	
8/9/2023	<0.01	
2/29/2024	<0.01	
8/6/2024	0.0028 (J)	
2/24/2025		0.0029 (J)
7/30/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.01	
6/18/2010	<0.01	
7/29/2010	<0.01	
9/9/2010	<0.01	
4/26/2011	<0.01	
10/28/2011	<0.01	
5/4/2012	<0.01	
11/11/2012	<0.01	
5/8/2013	<0.01	
11/7/2013	<0.01	
5/20/2014	<0.01	
11/12/2014	<0.01	
5/24/2015	<0.01	
11/12/2015	<0.01	
4/13/2016	0.00289 (J)	
10/7/2016	<0.01	
4/6/2017	<0.01	
10/6/2017	0.0071 (J)	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	<0.01	
9/11/2019	0.0085	
3/18/2020	0.0052	
9/10/2020	0.0038 (J)	
4/6/2021	0.004 (J)	
8/11/2021	<0.01	
2/16/2022	0.004 (J)	
8/26/2022	<0.01	
2/27/2023	<0.01	
8/9/2023	0.0031 (J)	
3/1/2024	<0.01	
8/6/2024	0.003 (J)	
2/24/2025		0.0036 (J)
7/30/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.01	
6/18/2010	<0.01	
7/28/2010	<0.01	
9/9/2010	<0.01	
4/30/2011	<0.01	
10/28/2011	<0.01	
5/3/2012	<0.01	
11/10/2012	<0.01	
5/8/2013	<0.01	
11/5/2013	<0.01	
5/20/2014	<0.01	
11/12/2014	<0.01	
5/24/2015	<0.01	
11/11/2015	<0.01	
4/13/2016	<0.01	
10/4/2016	<0.01	
4/6/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/11/2019	0.0038 (J)	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	<0.01	
2/16/2022	<0.01	
8/26/2022	<0.01	
2/27/2023	<0.01	
8/9/2023	<0.01	
3/1/2024	0.024	
5/7/2024	<0.01	
8/8/2024	<0.01	
2/25/2025		<0.01
7/31/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.01	
6/16/2010	<0.01	
7/26/2010	<0.01	
9/7/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/2/2012	<0.01	
11/9/2012	<0.01	
5/8/2013	<0.01	
11/6/2013	<0.01	
5/23/2014	<0.01	
11/8/2014	<0.01	
5/22/2015	<0.01	
11/10/2015	<0.01	
4/11/2016	<0.01	
10/5/2016	<0.01	
4/6/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/11/2019	0.0077	
3/18/2020	<0.01	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	<0.01	
2/16/2022	<0.01	
8/25/2022	<0.01	
2/28/2023	<0.01	
8/9/2023	<0.01	
2/29/2024	0.0032 (J)	
8/6/2024	<0.01	
2/25/2025		0.003 (J)
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (JO)	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0059	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/30/2025		0.014

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 11:03 AM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.01	
6/17/2010	<0.01	
7/27/2010	<0.01	
9/7/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/3/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/22/2015	<0.01	
11/10/2015	<0.01	
4/12/2016	<0.01	
10/5/2016	<0.01	
4/6/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	<0.01	
9/12/2019	0.0065	
3/19/2020	<0.01	
9/10/2020	<0.01	
4/5/2021	<0.01	
8/11/2021	<0.01	
2/16/2022	<0.01	
8/25/2022	0.0063	
2/28/2023	<0.01	
8/8/2023	<0.01	
3/1/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

FIGURE E.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-19	0.08	n/a	7/30/2025	1.9	Yes	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	7/24/2025	59	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	17.69	n/a	7/24/2025	18	Yes	24	14.66	1.279	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	7/30/2025	40	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	17.52	n/a	7/28/2025	18	Yes	23	14.07	1.448	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	1.999	n/a	7/24/2025	2.1	Yes	23	1.656	0.1436	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	1.969	n/a	7/24/2025	2.4	Yes	23	1.226	0.07433	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	7/24/2025	48	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	4.9	n/a	7/24/2025	9.5	Yes	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-19	3.243	n/a	7/30/2025	10	Yes	23	2.097	0.4799	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.496	n/a	7/28/2025	2.6	Yes	23	8.458	2.969	4.348	None	x^3	0.0004426	Param Intra 1 of 2
pH, Field (SU)	GWC-19	6.79	5.87	7/30/2025	5.34	Yes	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	7/25/2025	16	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	7/24/2025	200	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1.5	n/a	7/24/2025	6.4	Yes	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.9	n/a	7/30/2025	260	Yes	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWA-16	146.4	n/a	7/24/2025	180	Yes	23	98.43	20.08	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-1	169.9	n/a	7/25/2025	210	Yes	23	135.1	14.61	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-3	116.7	n/a	7/25/2025	130	Yes	23	81.7	14.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-4	178.1	n/a	7/24/2025	590	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-7	159.4	n/a	7/24/2025	230	Yes	23	122	15.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-18	126.9	n/a	7/28/2025	150	Yes	23	87.43	16.53	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-19	175	n/a	7/30/2025	460	Yes	23	103.7	29.86	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-20	150.8	n/a	7/28/2025	190	Yes	23	109.7	17.22	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.08	n/a	7/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.08	n/a	7/24/2025	0.08ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.08	n/a	7/24/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	7/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.08	n/a	7/31/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	7/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.13	n/a	7/24/2025	0.034J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.385	n/a	7/25/2025	0.11	No	12	0.2158	0.05992	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.085	n/a	7/31/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	7/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.2935	n/a	7/31/2025	0.14	No	23	0.1811	0.0471	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.134	n/a	7/31/2025	0.1	No	23	0.08873	0.01896	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	8/1/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	7/30/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	7/30/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	7/30/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.08	n/a	7/31/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	**GWC-19**	**0.08**	**n/a**	**7/30/2025**	**1.9**	**Yes**	**23**	**n/a**	**n/a**	**95.65**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**
Boron (mg/L)	GWC-20	0.12	n/a	7/28/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.275	n/a	7/24/2025	4.4	No	23	4.201	0.4501	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.37	n/a	7/24/2025	14	No	23	12	1.415	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.826	n/a	7/24/2025	7.4	No	23	7.203	1.099	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.23	n/a	7/25/2025	17	No	23	17.34	1.209	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.27	n/a	7/31/2025	17	No	23	17.47	1.174	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-3	10.92	n/a	7/25/2025	10	No	23	7.67	1.362	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**7/24/2025**	**59**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-5	68.6	n/a	7/25/2025	24	No	11	6.178	0.7155	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	21.45	n/a	7/31/2025	16	No	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**7/24/2025**	**18**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-8A	44.79	n/a	7/31/2025	42	No	11	26.36	6.265	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	23	n/a	7/31/2025	21	No	25	n/a	n/a	0	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-10	22.03	n/a	8/1/2025	19	No	23	17.52	1.888	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	14	n/a	7/30/2025	13	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-12	1.505	n/a	7/30/2025	1.2	No	23	1.11	0.1658	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-13	8.967	n/a	7/30/2025	7.3	No	23	6.802	0.9074	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	8.188	n/a	7/31/2025	6.8	No	23	6.673	0.6347	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	11.6	n/a	7/28/2025	10	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**7/30/2025**	**40**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**7/28/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-15	7.469	n/a	7/24/2025	6	No	23	1.752	0.1086	0	None	ln(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWA-16**	**1.999**	**n/a**	**7/24/2025**	**2.1**	**Yes**	**23**	**1.656**	**0.1436**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-17**	**1.969**	**n/a**	**7/24/2025**	**2.4**	**Yes**	**23**	**1.226**	**0.07433**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-1	4.625	n/a	7/25/2025	4.4	No	23	3.844	0.3272	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.676	n/a	7/31/2025	2.3	No	23	2.18	0.2078	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.825	n/a	7/25/2025	3.2	No	23	3.119	0.2958	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**7/24/2025**	**48**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-5	62.84	n/a	7/25/2025	5.5	No	13	4.18	1.357	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.235	n/a	7/31/2025	4.6	No	23	6.047	0.9174	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**7/24/2025**	**9.5**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWC-8A	10.3	n/a	7/31/2025	6	No	23	7.752	1.069	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-9	5.188	n/a	7/31/2025	4.5	No	23	3.815	0.5757	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-10	5.2	n/a	8/1/2025	3.6	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.137	n/a	7/30/2025	1.5	No	23	1.799	0.1415	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.241	n/a	7/30/2025	2	No	23	1.813	0.1792	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-13	1.927	n/a	7/30/2025	1.4	No	23	1.557	0.1547	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	4.514	n/a	7/31/2025	3.9	No	23	1.782	0.1435	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	3.135	n/a	7/28/2025	2.8	No	23	2.623	0.2145	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-19**	**3.243**	**n/a**	**7/30/2025**	**10**	**Yes**	**23**	**2.097**	**0.4799**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-20**	**2.496**	**n/a**	**7/28/2025**	**2.6**	**Yes**	**23**	**8.458**	**2.969**	**4.348**	**None**	**x^3**	**0.0004426**	**Param Intra 1 of 2**
Fluoride (mg/L)	GWA-15	0.077	n/a	7/24/2025	0.087J	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.089	n/a	7/24/2025	0.16J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.083	n/a	7/24/2025	0.11J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1483	n/a	7/25/2025	0.14J	No	25	0.06789	0.03426	24	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.072	n/a	7/31/2025	0.15J	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-3	0.092	n/a	7/25/2025	0.092J	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-4	0.1442	n/a	7/24/2025	0.13J	No	23	0.009019	0.00494	8.696	None	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.16	n/a	7/25/2025	0.1J	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.1	n/a	7/31/2025	0.14J	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	7/24/2025	0.12J	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2006	n/a	7/31/2025	0.17J	No	23	0.08996	0.04639	8.696	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.096	n/a	7/31/2025	0.17J	No	23	n/a	n/a	39.13	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-10	0.099	n/a	8/1/2025	0.14J	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-11	0.071	n/a	7/30/2025	0.091J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.046	n/a	7/30/2025	0.14J	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.06	n/a	7/30/2025	0.14J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.068	n/a	7/31/2025	0.11J	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.12	n/a	7/28/2025	0.1J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.079	n/a	7/30/2025	0.02ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.089	n/a	7/28/2025	0.12J	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	GWA-15	5.921	4.962	7/24/2025	5.32	No	38	5.442	0.2152	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWA-16	6.63	5.63	7/24/2025	6.31	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-17	6.524	5.455	7/24/2025	6.12	No	37	5.99	0.2393	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-1	6.816	6.185	7/25/2025	6.47	No	40	6.5	0.1424	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-2	7	5.79	7/31/2025	6.49	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-3	6.271	5.576	7/25/2025	5.86	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	7/24/2025	6	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-5	6.369	5.386	7/25/2025	6.03	No	38	5.878	0.2204	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	7/31/2025	6.26	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-7	6.628	5.958	7/24/2025	6.22	No	39	1595	150.8	0	None	x^4	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-8A	7.26	5.93	7/31/2025	6.38	No	43	n/a	n/a	0	n/a	n/a	0.002074	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	7/31/2025	6.5	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-10	6.66	5.96	8/1/2025	6.24	No	42	6.31	0.1585	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-11	6.38	5.58	7/30/2025	6.11	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-12	5.556	4.459	7/30/2025	5.11	No	38	3529	792.6	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-13	6.21	4.93	7/30/2025	5.88	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-14	6.11	4.87	7/31/2025	5.61	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-18	6.54	5.74	7/28/2025	6.33	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-19**	**6.79**	**5.87**	**7/30/2025**	**5.34**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-20	6.826	6.137	7/28/2025	6.47	No	41	77297	10790	0	None	x^6	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.661	n/a	7/24/2025	3.2	No	23	1.402	0.9467	30.43	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWA-16	1.4	n/a	7/24/2025	1.2	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1.3	n/a	7/24/2025	0.93J	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1.475	n/a	7/25/2025	1	No	23	0.8815	0.1397	34.78	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	1.393	n/a	7/31/2025	1.2	No	23	0.7193	0.2825	43.48	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**7/25/2025**	**16**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**7/24/2025**	**200**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-5	194.5	n/a	7/25/2025	73	No	11	105.8	30.15	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	22.26	n/a	7/31/2025	20	No	24	3.352	0.5775	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**7/24/2025**	**6.4**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:43 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-8A	52.2	n/a	7/31/2025	14	No	23	26.37	10.83	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	7/31/2025	16	No	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	6.536	n/a	8/1/2025	2.9	No	26	1.372	0.5072	11.54	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	7/30/2025	1ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	7/30/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.452	n/a	7/30/2025	1	No	22	0.849	0.2507	50	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-14	1.2	n/a	7/31/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1.8	n/a	7/28/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWC-19**	**1.9**	**n/a**	**7/30/2025**	**260**	**Yes**	**23**	**n/a**	**n/a**	**78.26**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	GWC-20	1.4	n/a	7/28/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWA-15	83.74	n/a	7/24/2025	78	No	23	41.78	17.59	8.696	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWA-16**	**146.4**	**n/a**	**7/24/2025**	**180**	**Yes**	**23**	**98.43**	**20.08**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-17	130	n/a	7/24/2025	130	No	23	73.87	23.54	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-1**	**169.9**	**n/a**	**7/25/2025**	**210**	**Yes**	**23**	**135.1**	**14.61**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-2	173.5	n/a	7/31/2025	140	No	23	15773	6005	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-3**	**116.7**	**n/a**	**7/25/2025**	**130**	**Yes**	**23**	**81.7**	**14.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**7/24/2025**	**590**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-5	487.4	n/a	7/25/2025	240	No	11	280.9	70.21	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-6	183.3	n/a	7/31/2025	160	No	23	145.7	15.73	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-7**	**159.4**	**n/a**	**7/24/2025**	**230**	**Yes**	**23**	**122**	**15.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-8A	393.1	n/a	7/31/2025	280	No	22	241.8	62.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-9	199.9	n/a	7/31/2025	180	No	23	21860	7584	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-10	183.6	n/a	8/1/2025	150	No	22	135.8	19.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-11	140.3	n/a	7/30/2025	89	No	22	101.4	16.17	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-12	80.53	n/a	7/30/2025	22	No	23	2.578	0.7293	17.39	Kaplan-Meier	x^(1/3)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-13	112.5	n/a	7/30/2025	61	No	22	63.45	20.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-14	99.68	n/a	7/31/2025	70	No	23	58.17	17.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-18**	**126.9**	**n/a**	**7/28/2025**	**150**	**Yes**	**23**	**87.43**	**16.53**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-19**	**175**	**n/a**	**7/30/2025**	**460**	**Yes**	**23**	**103.7**	**29.86**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-20**	**150.8**	**n/a**	**7/28/2025**	**190**	**Yes**	**23**	**109.7**	**17.22**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

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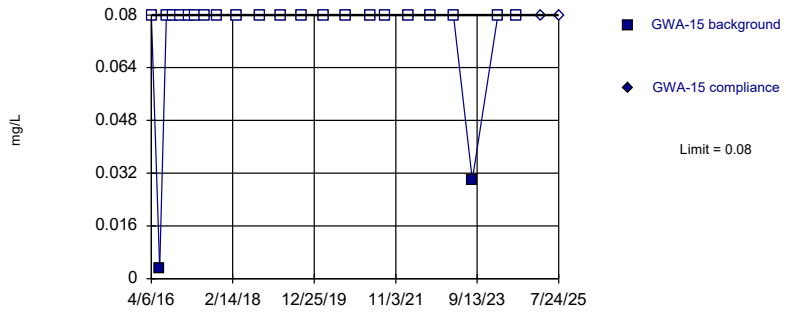
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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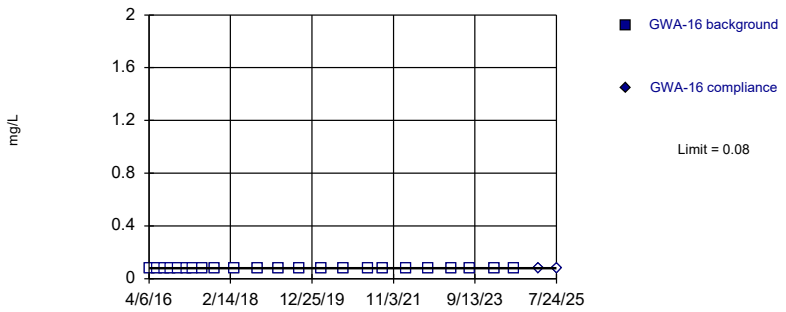
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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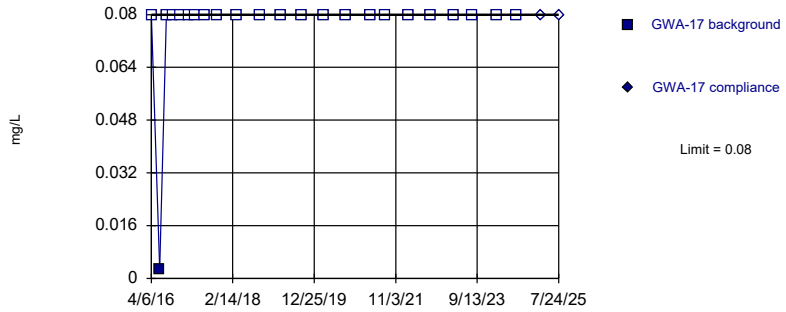
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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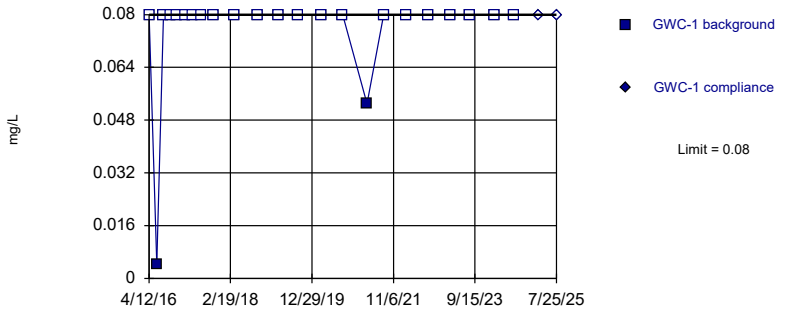
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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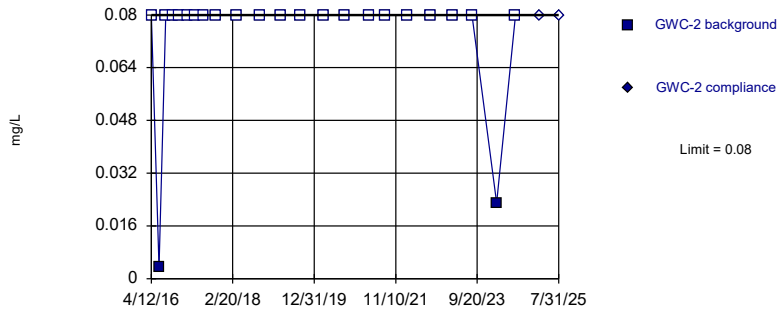
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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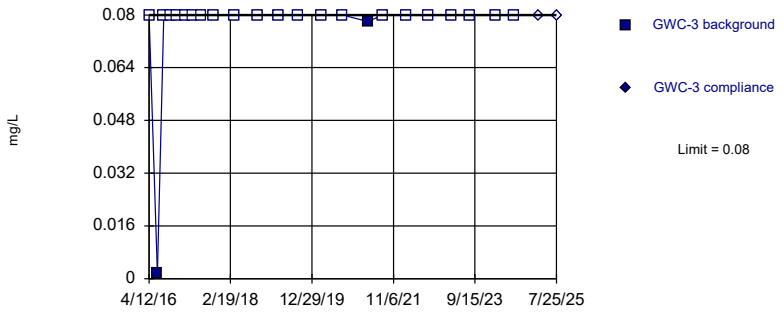
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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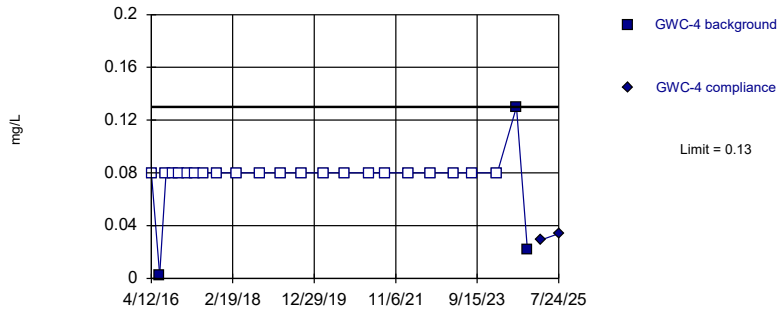
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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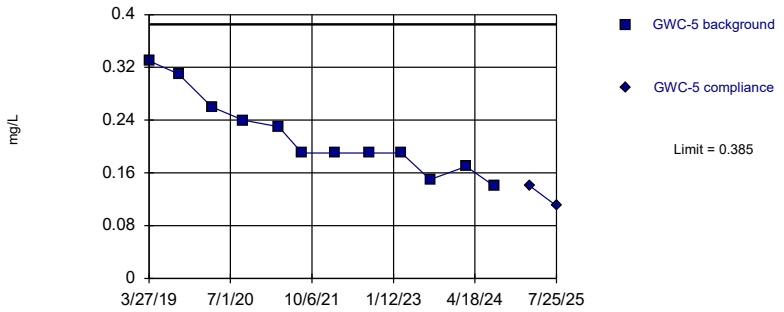
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2158, Std. Dev.=0.05992, n=12. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9138, critical = 0.859. Kappa = 2.824 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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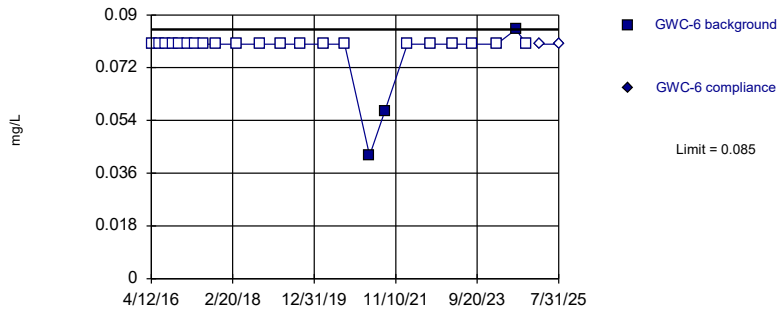
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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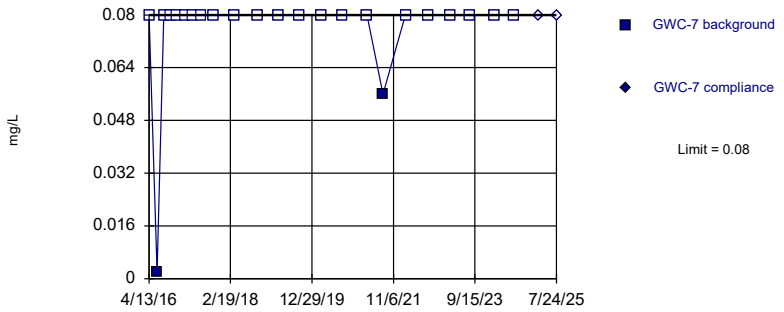
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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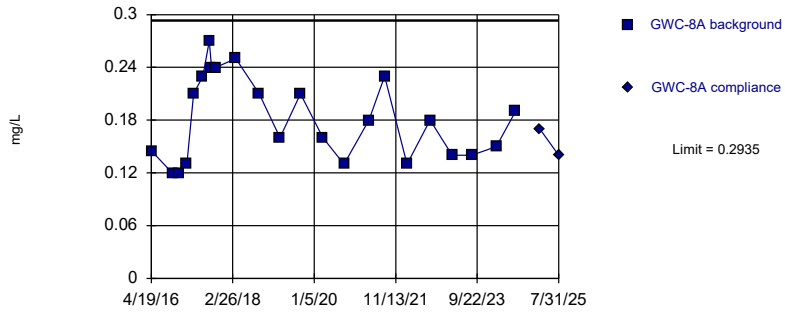
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1811, Std. Dev.=0.0471, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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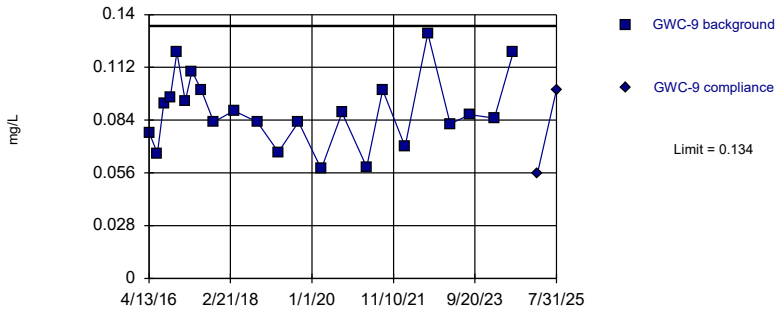
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08873, Std. Dev.=0.01896, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9614, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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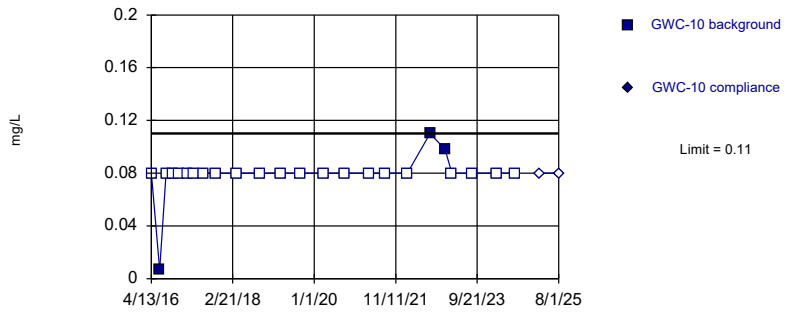
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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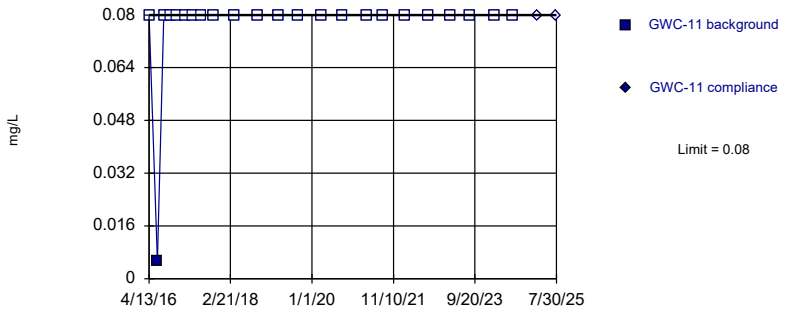
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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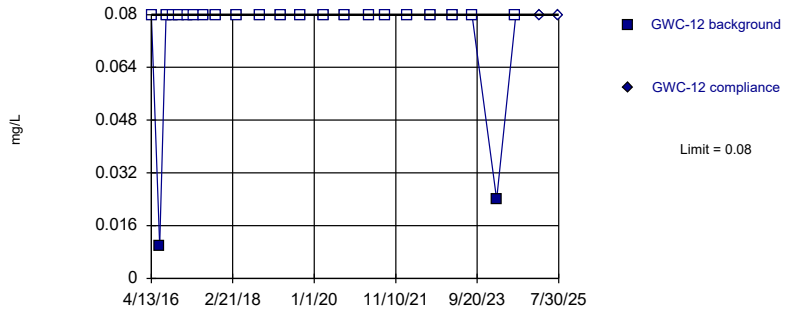
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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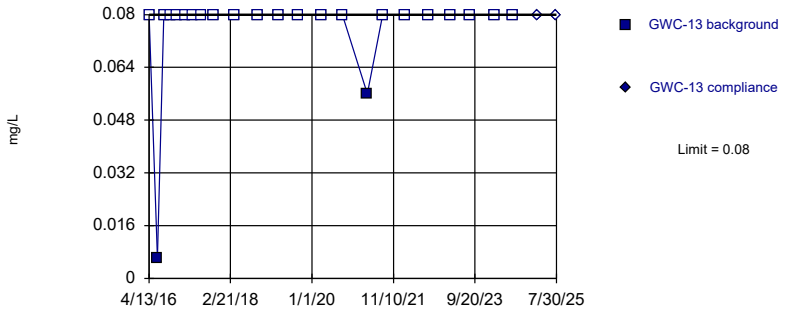
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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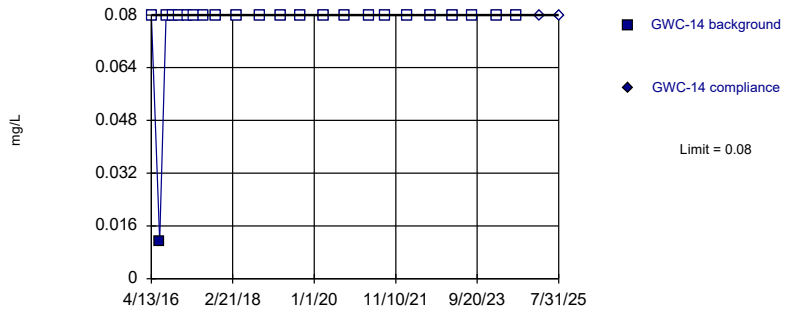
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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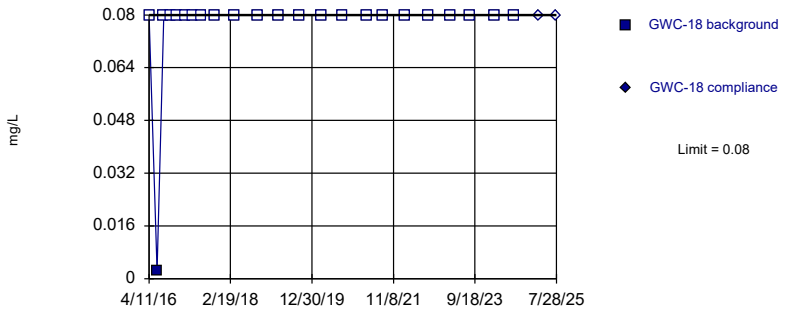
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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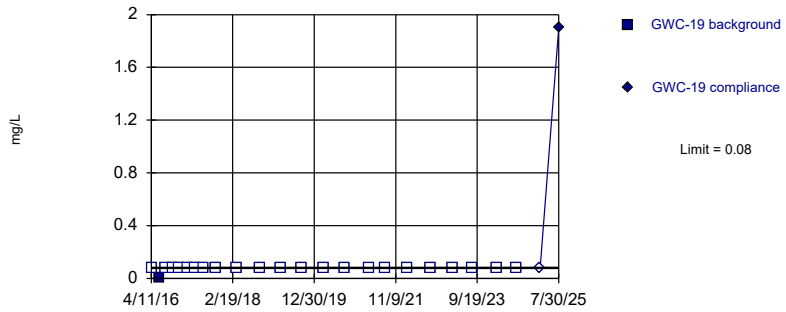
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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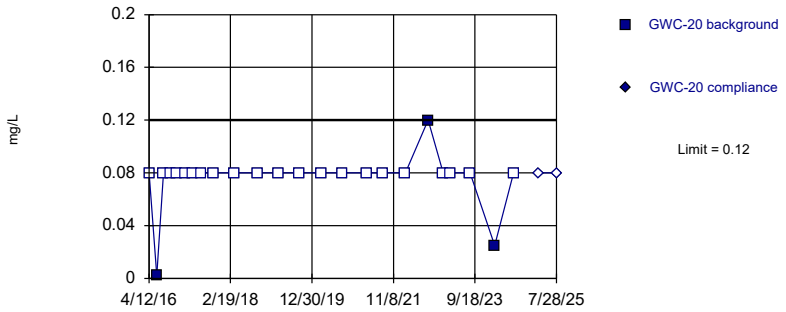
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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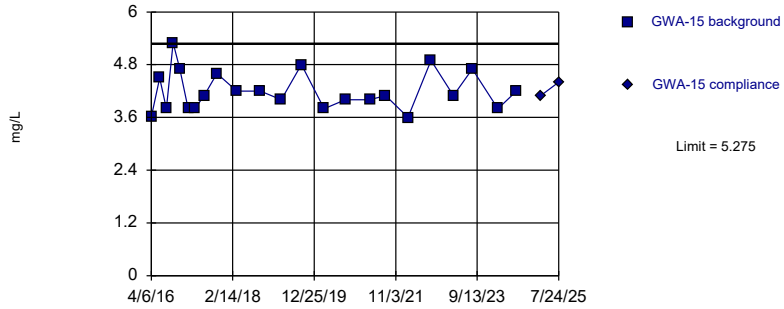
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.201, Std. Dev.=0.4501, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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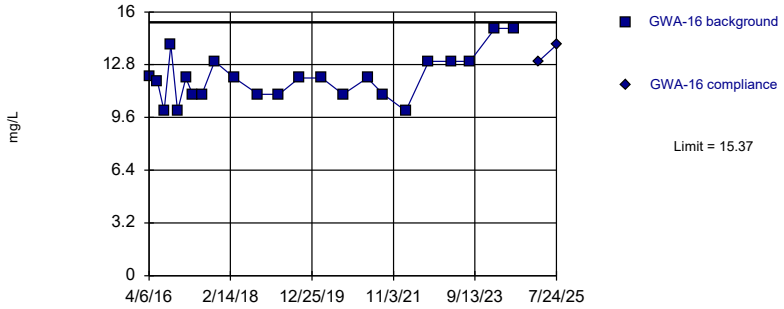
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=12, Std. Dev.=1.415, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9191, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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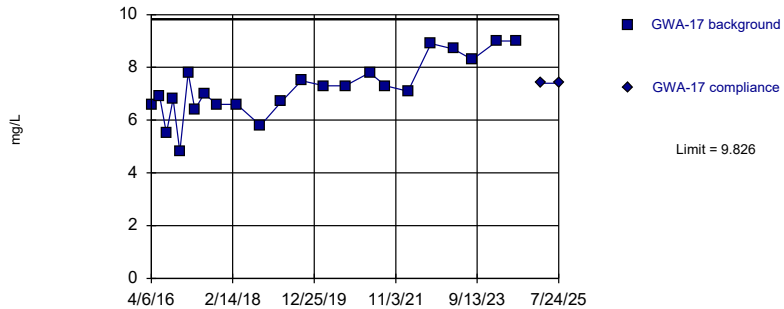
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.203, Std. Dev.=1.099, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9607, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:39 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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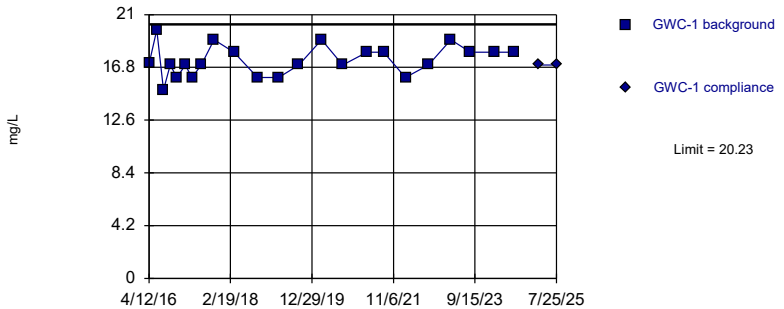
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.34, Std. Dev.=1.209, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9461, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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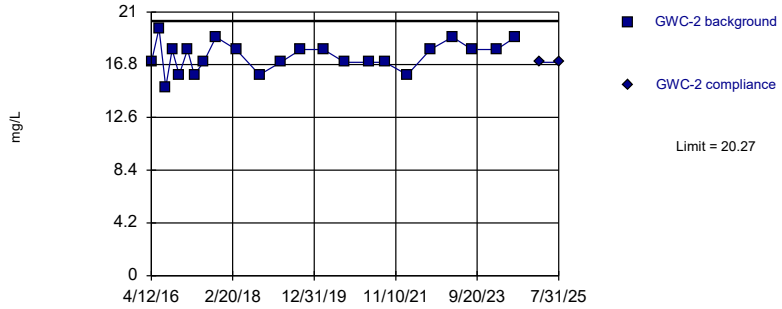
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.47, Std. Dev.=1.174, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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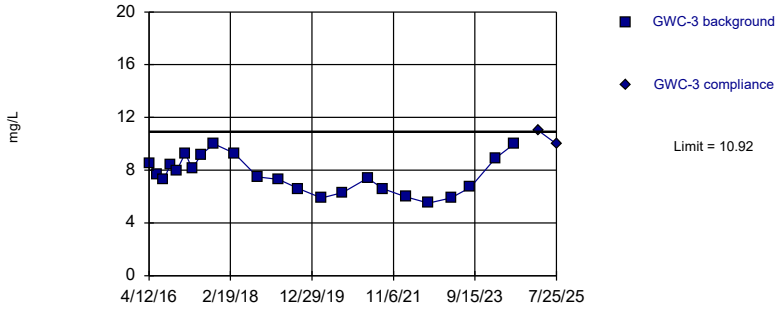
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.67, Std. Dev.=1.362, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9559, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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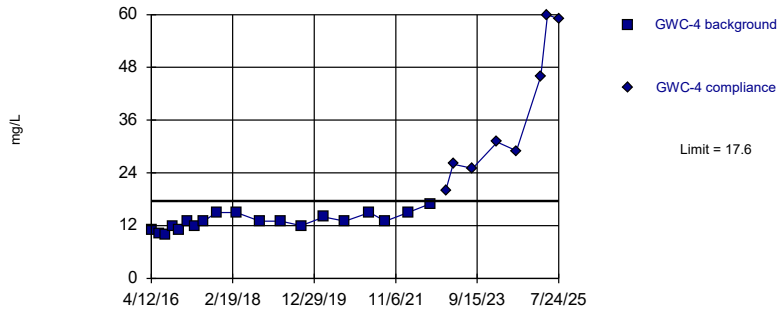
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=13, Std. Dev.=1.856, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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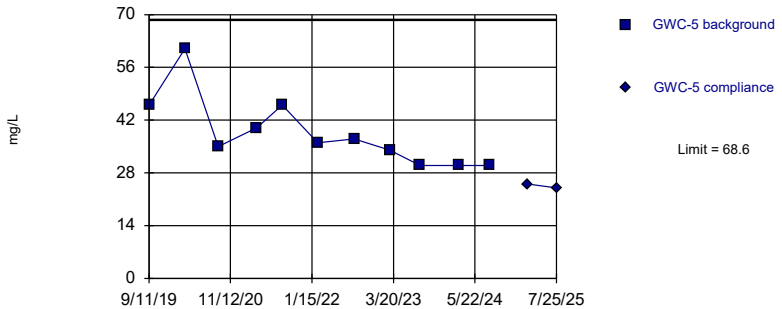
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=6.178, Std. Dev.=0.7155, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.875, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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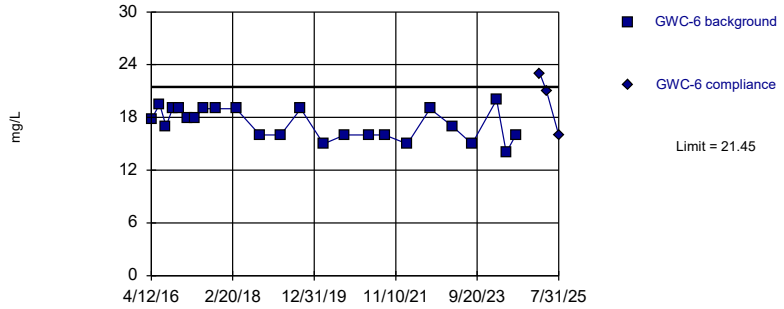
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.3, Std. Dev.=1.753, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

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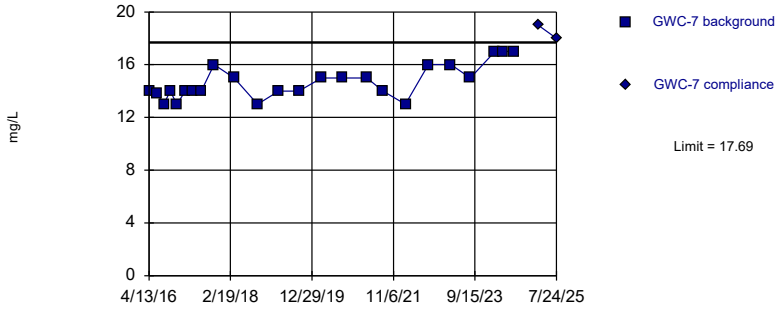
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=14.66, Std. Dev.=1.279, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8901, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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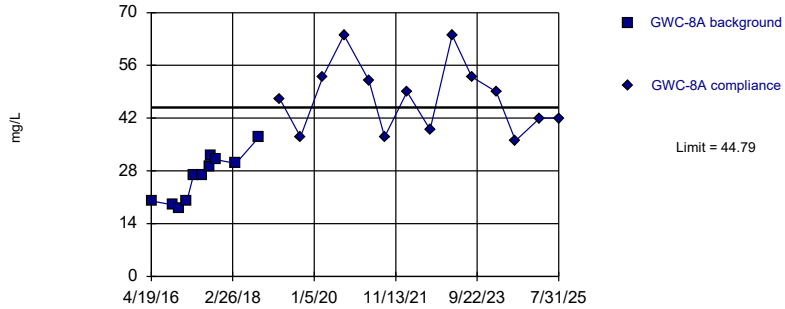
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=26.36, Std. Dev.=6.265, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9202, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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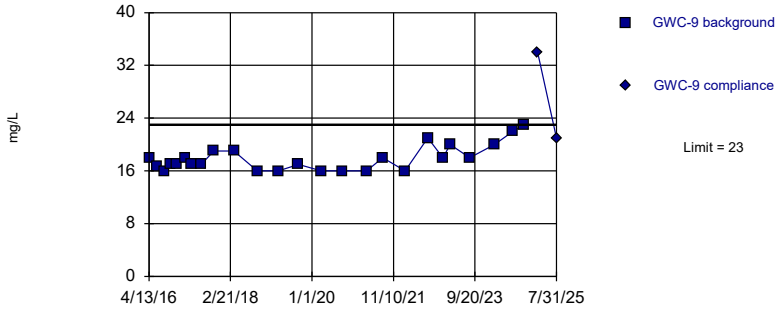
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

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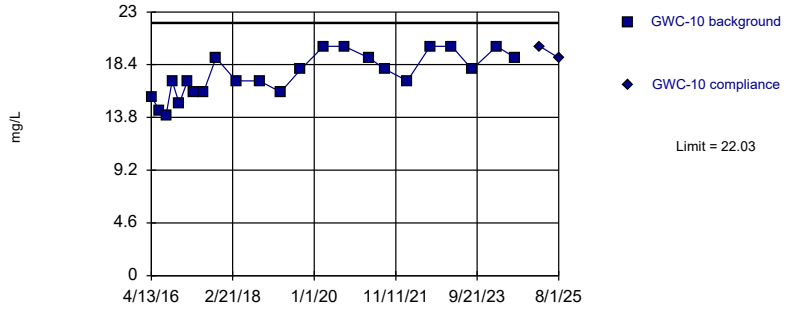
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.52, Std. Dev.=1.888, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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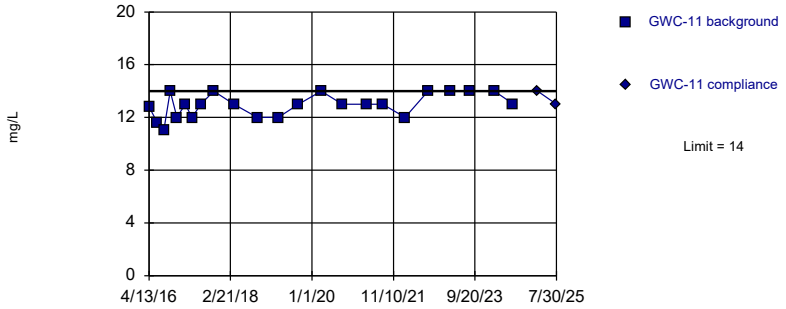
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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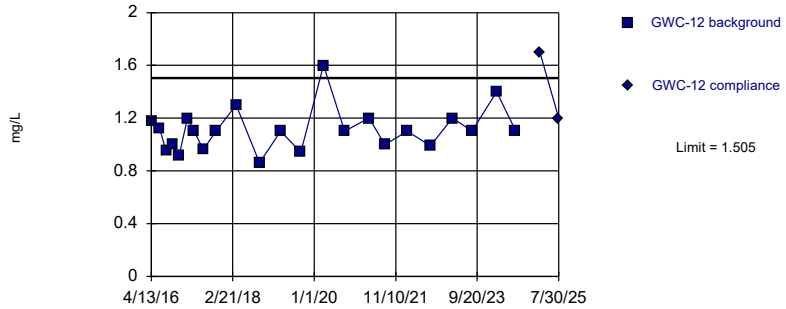
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.11, Std. Dev.=0.1658, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9029, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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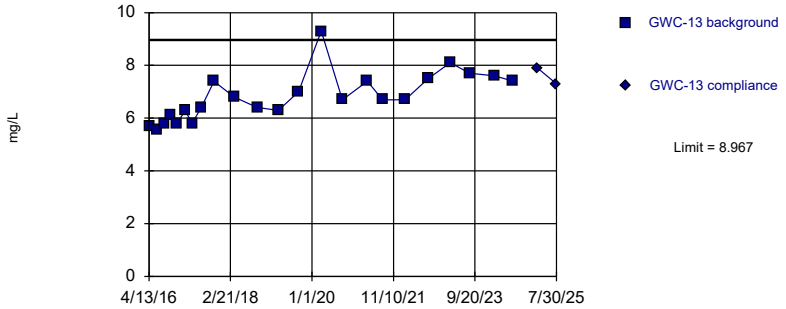
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.802, Std. Dev.=0.9074, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9365, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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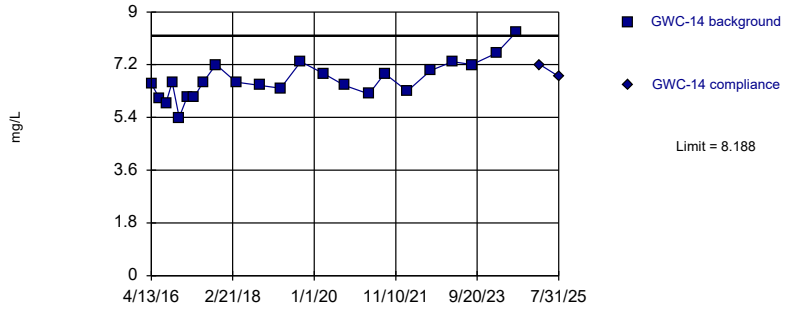
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.673, Std. Dev.=0.6347, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9737, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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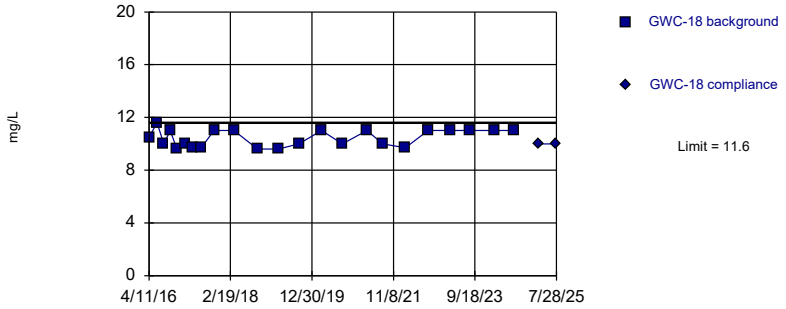
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
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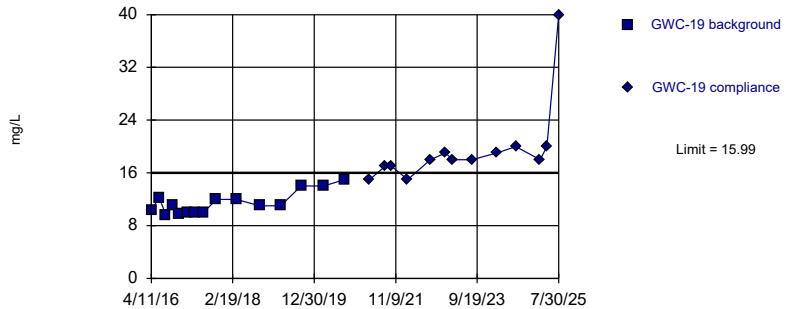
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.884, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
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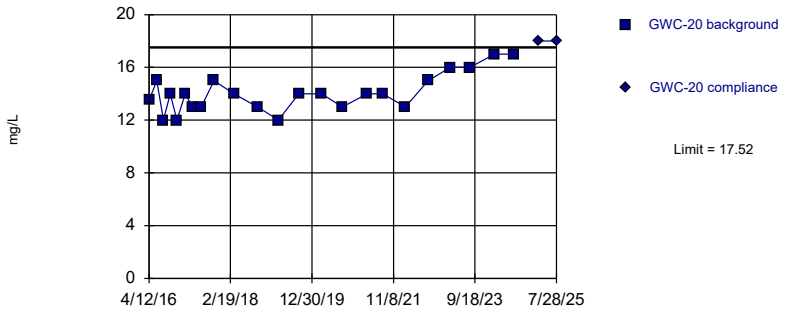
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=14.07, Std. Dev.=1.448, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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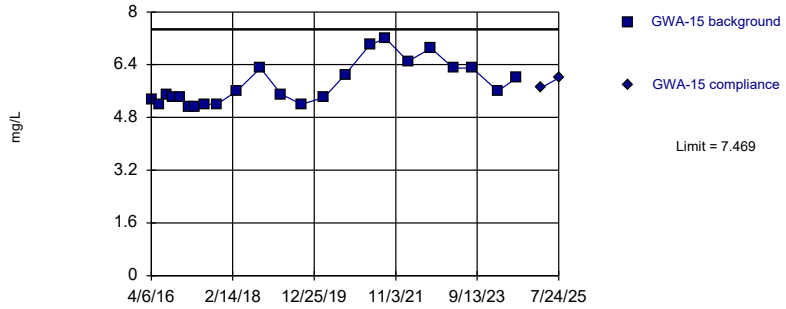
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=1.752, Std. Dev.=0.1086, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8848, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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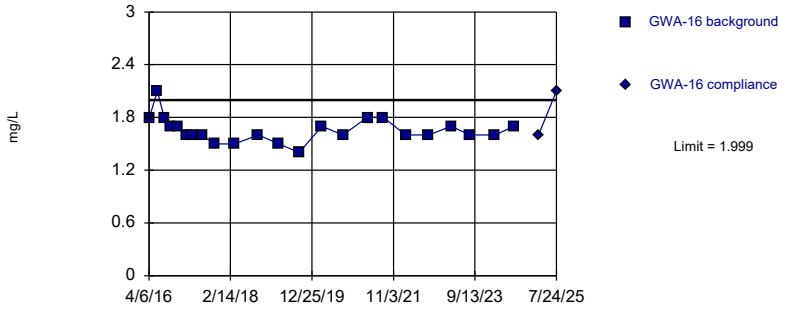
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.656, Std. Dev.=0.1436, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8873, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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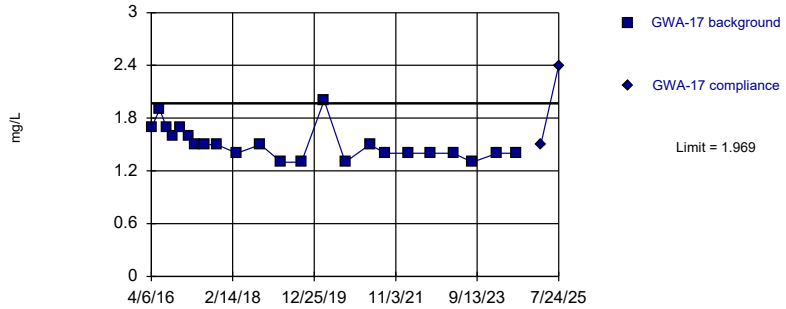
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.226, Std. Dev.=0.07433, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8867, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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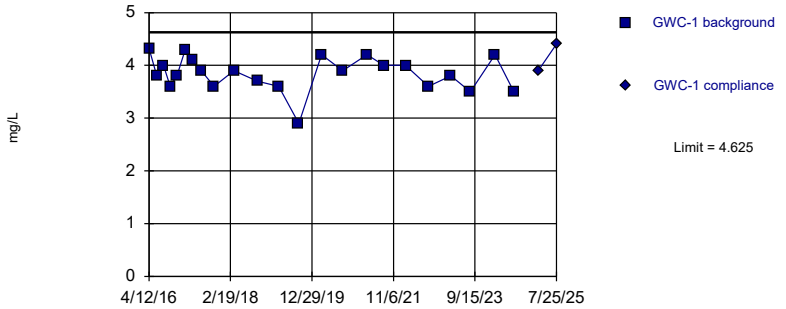
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.844, Std. Dev.=0.3272, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9314, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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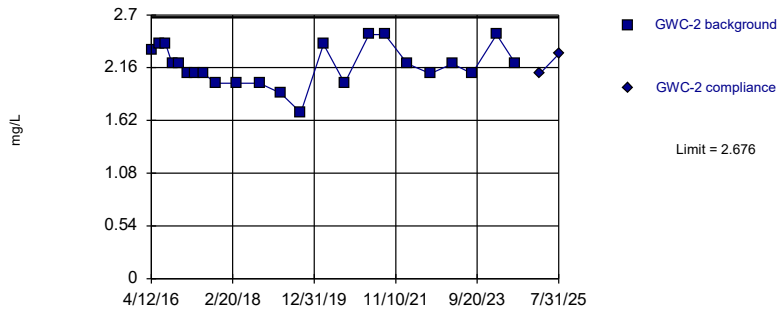
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.18, Std. Dev.=0.2078, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9444, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

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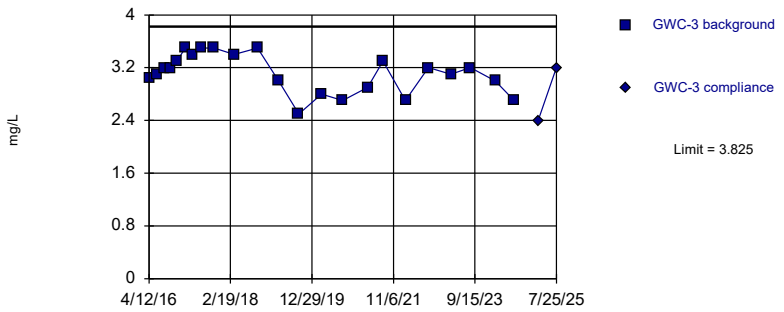
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.119, Std. Dev.=0.2958, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9382, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

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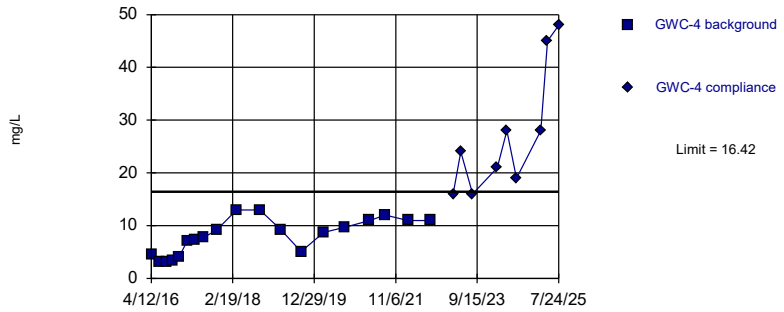
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.083, Std. Dev.=3.363, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9273, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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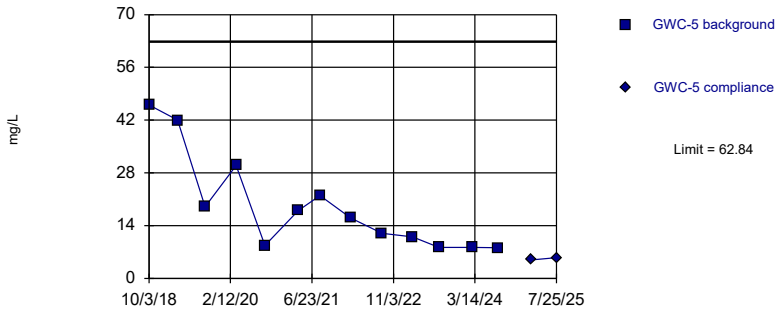
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=4.18, Std. Dev.=1.357, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8747, critical = 0.866. Kappa = 2.762 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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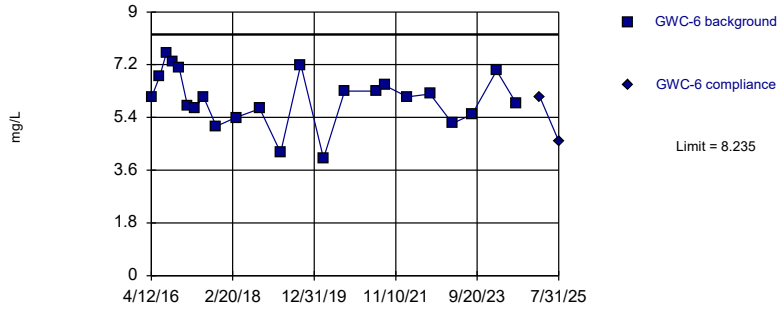
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.047, Std. Dev.=0.9174, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9659, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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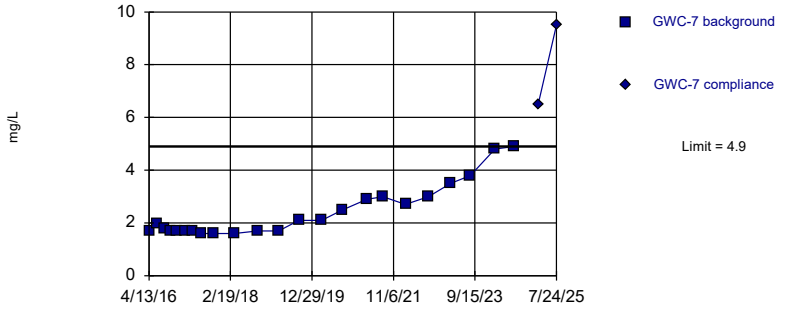
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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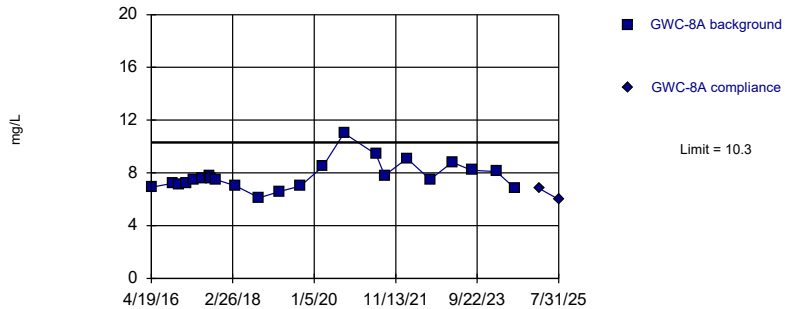
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.752, Std. Dev.=1.069, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9035, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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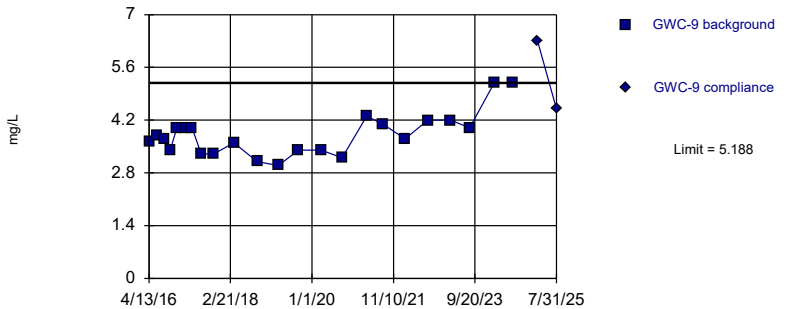
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.815, Std. Dev.=0.5757, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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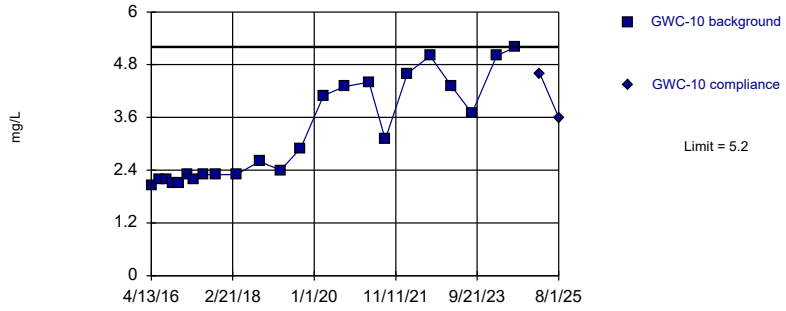
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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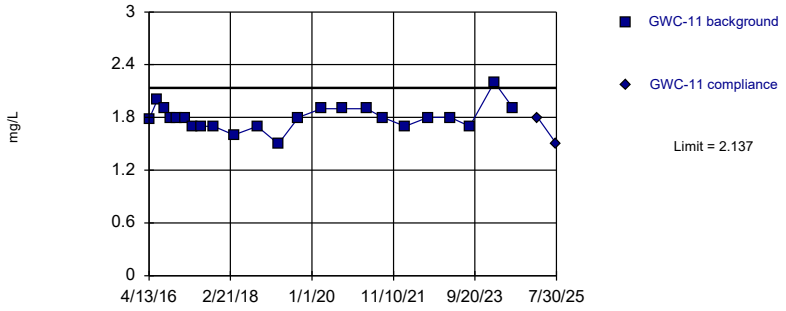
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.799, Std. Dev.=0.1415, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9219, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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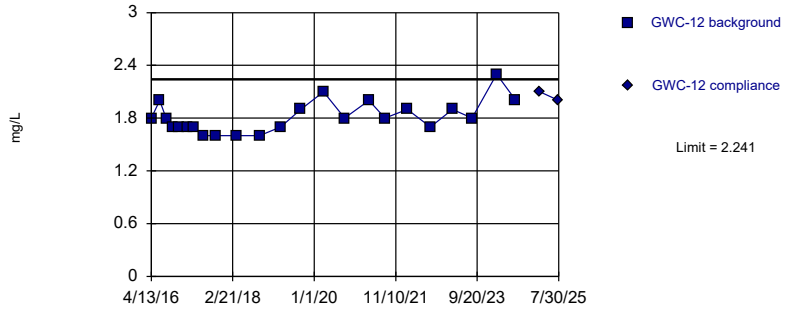
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.813, Std. Dev.=0.1792, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9062, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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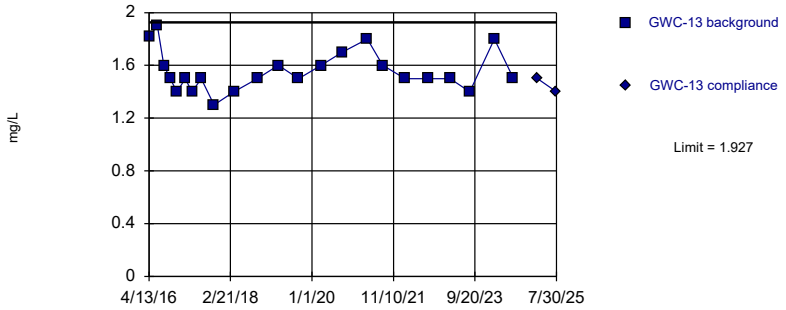
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.557, Std. Dev.=0.1547, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9006, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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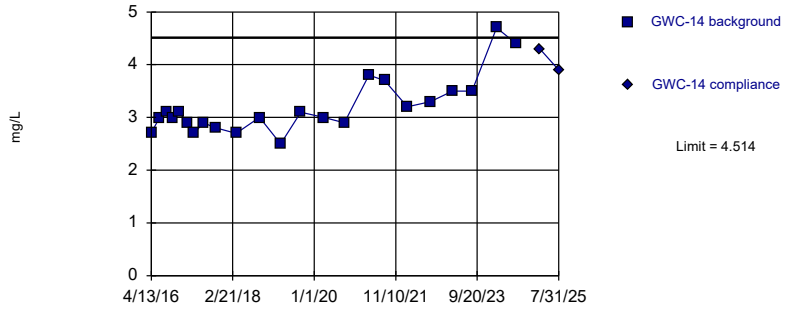
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.782, Std. Dev.=0.1435, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8826, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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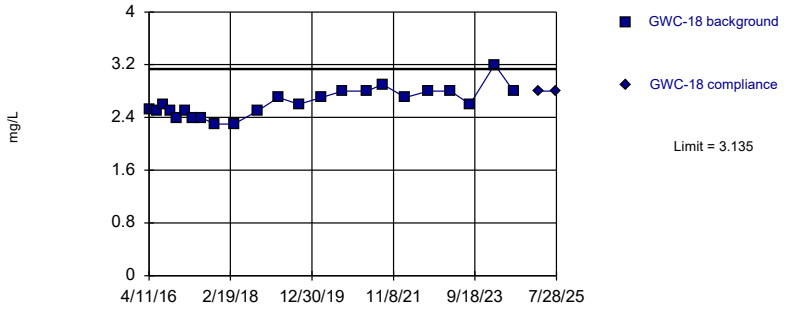
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.623, Std. Dev.=0.2145, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9423, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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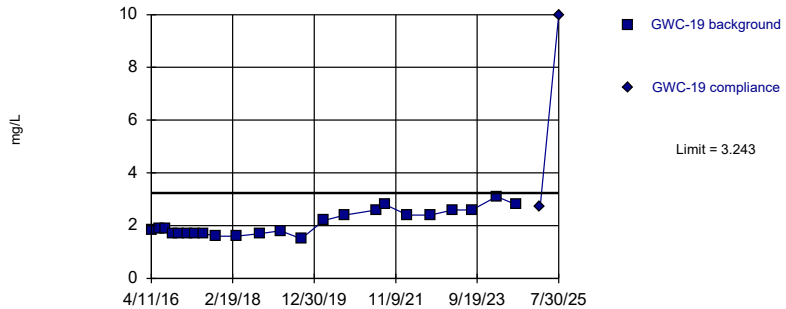
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.097, Std. Dev.=0.4799, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8822, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

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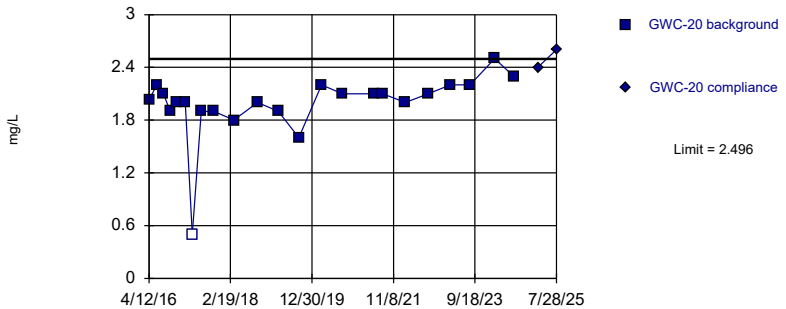
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=8.458, Std. Dev.=2.969, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9295, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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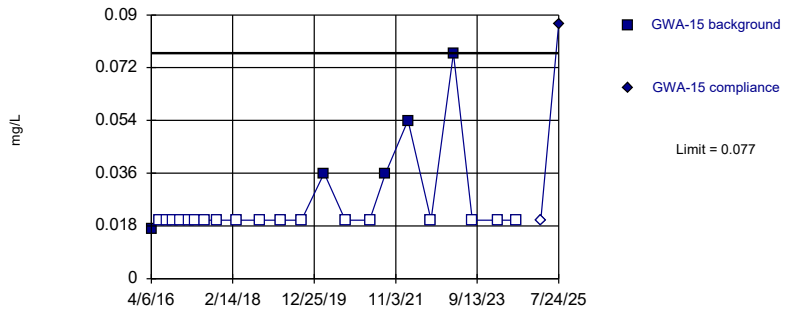
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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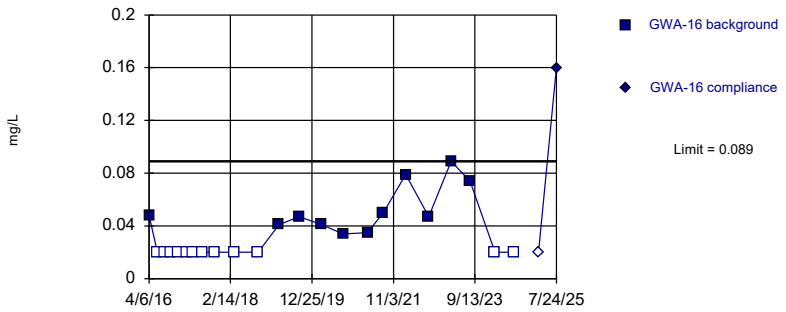
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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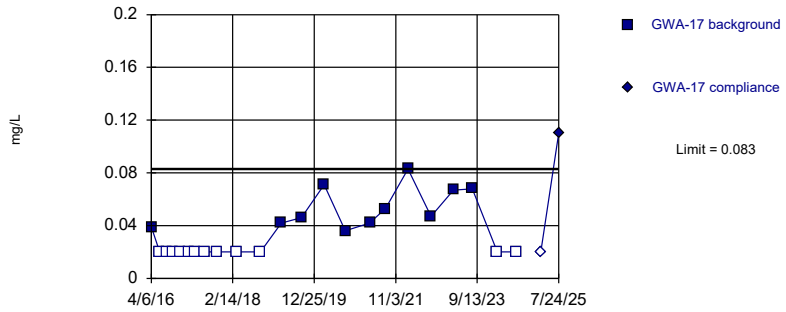
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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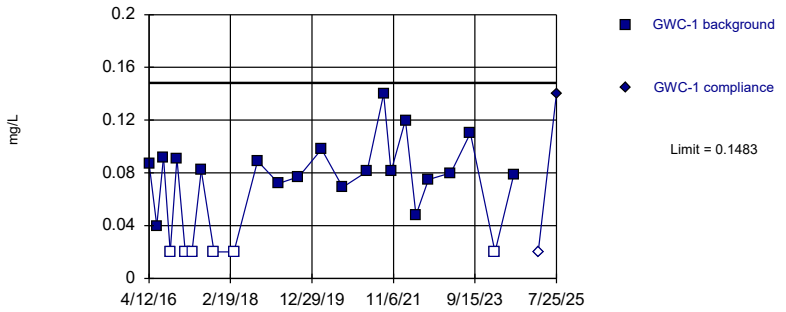
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.06789, Std. Dev.=0.03426, n=25, 24% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9029, critical = 0.888. Kappa = 2.347 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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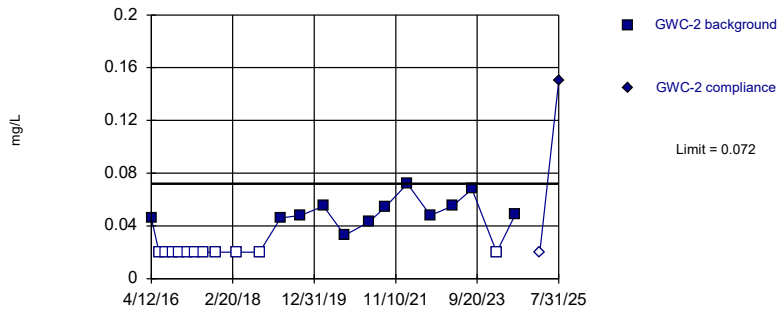
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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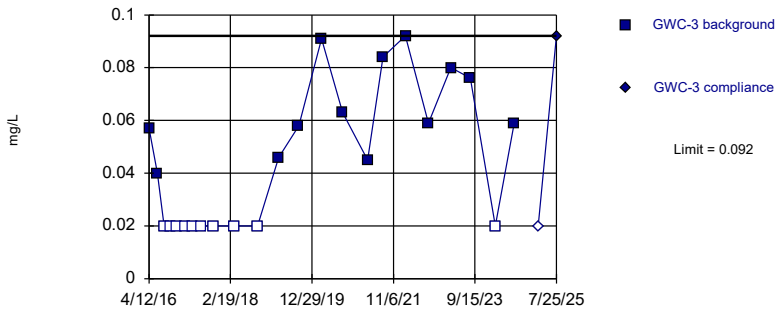
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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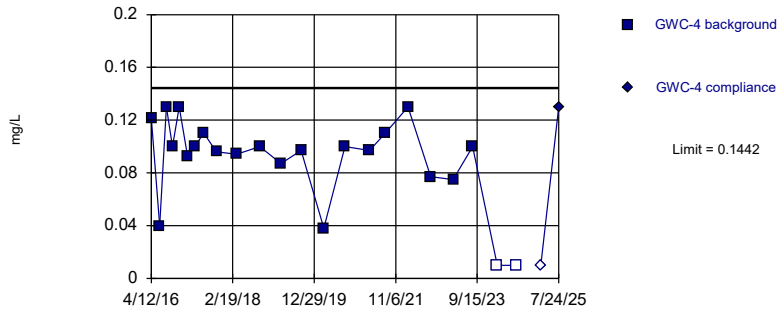
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.009019, Std. Dev.=0.00494, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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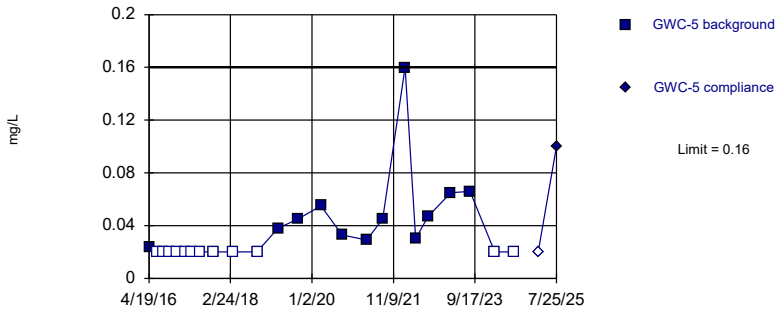
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 50% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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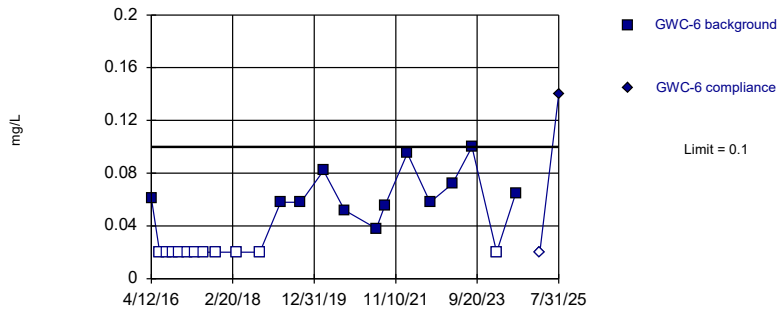
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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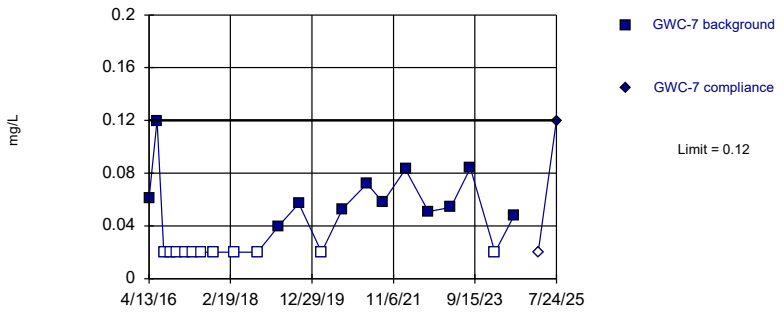
Hollow symbols indicate censored values.
Within Limit
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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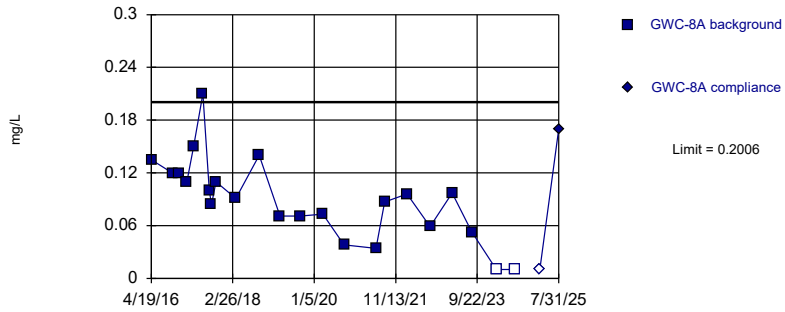
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08996, Std. Dev.=0.04639, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9725, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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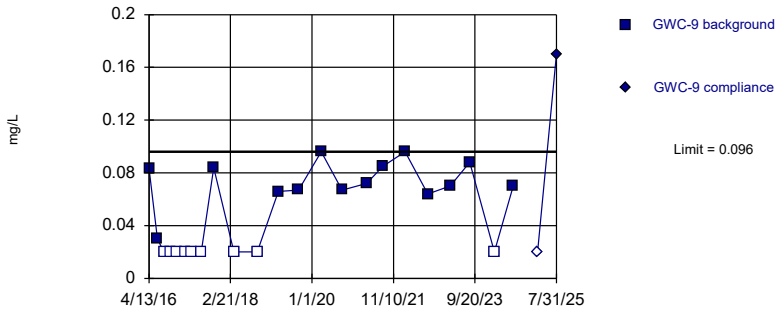
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 39.13% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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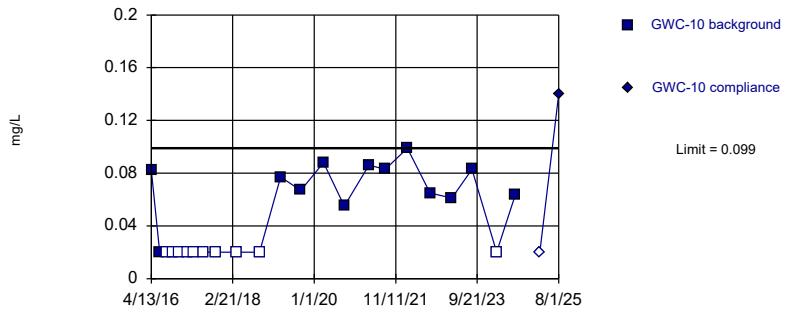
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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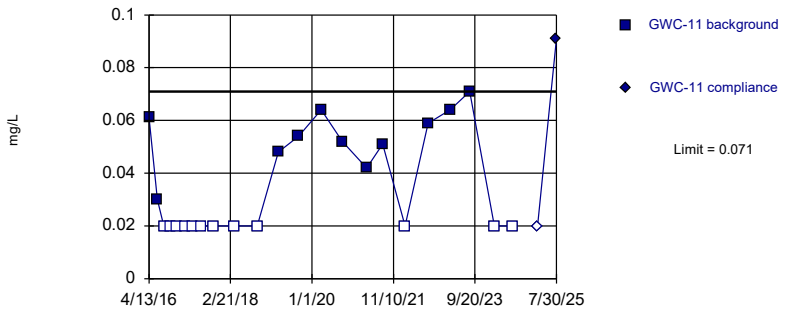
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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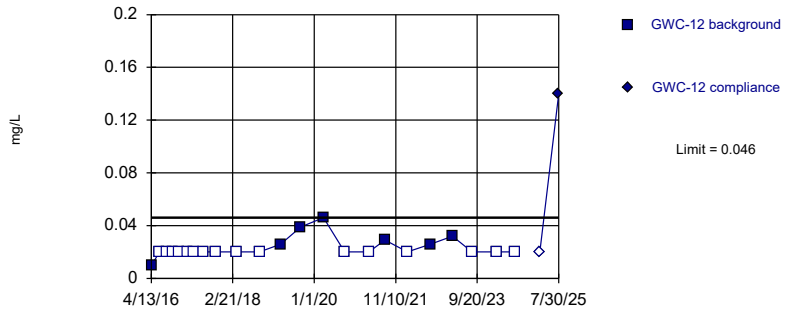
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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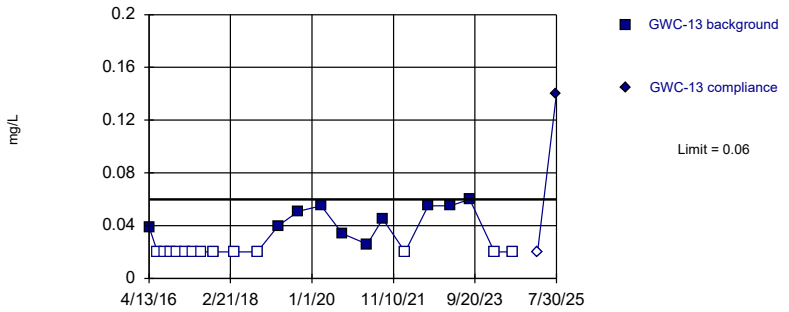
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:40 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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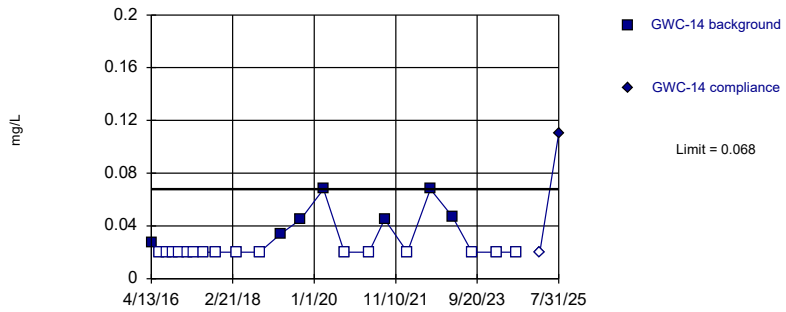
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

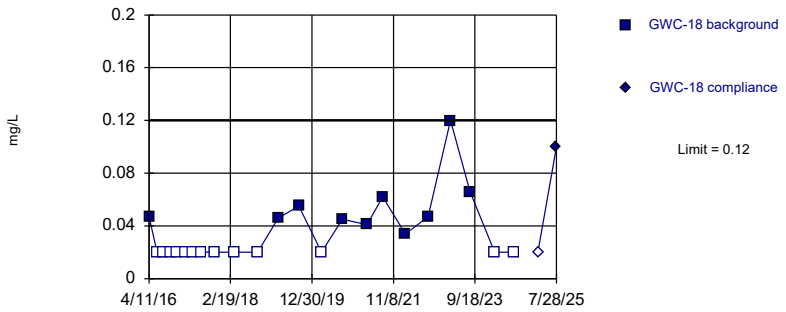
Constituent: Fluoride Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

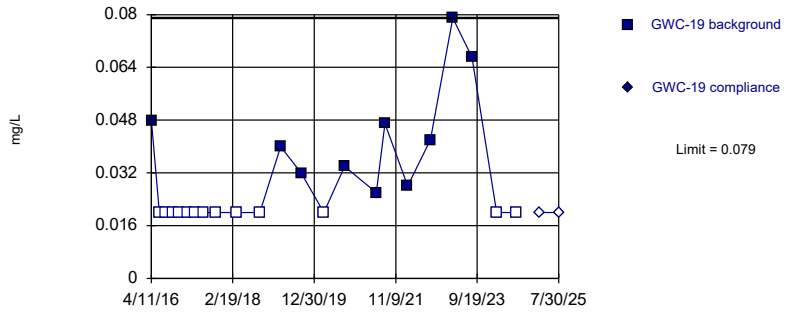
Constituent: Fluoride Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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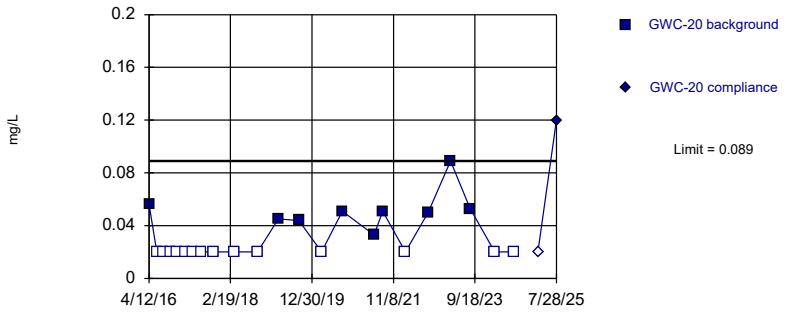
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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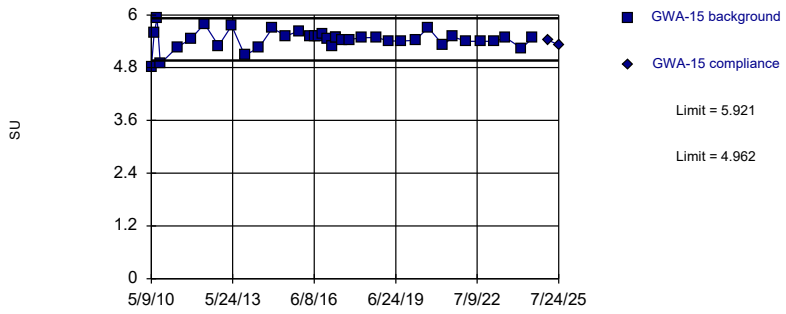
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.442, Std. Dev.=0.2152, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.927, critical = 0.916. Kappa = 2.228 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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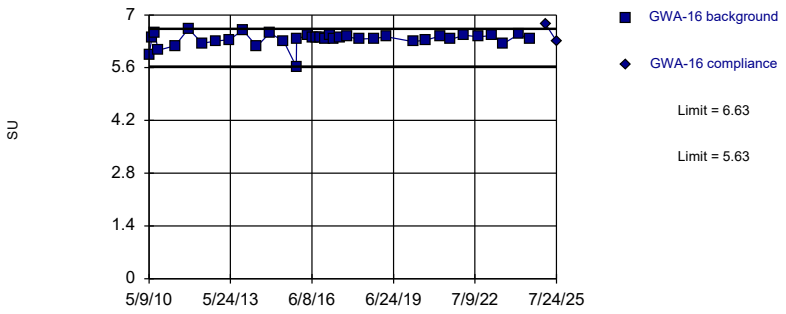
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 37 background values. Well-constituent pair annual alpha = 0.005442. Individual comparison alpha = 0.002723 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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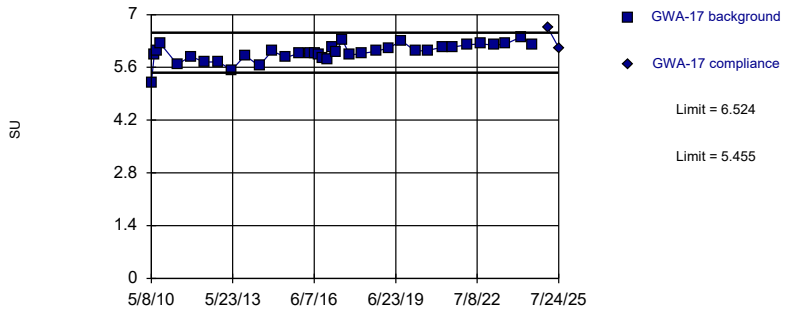
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.99, Std. Dev.=0.2393, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.914. Kappa = 2.235 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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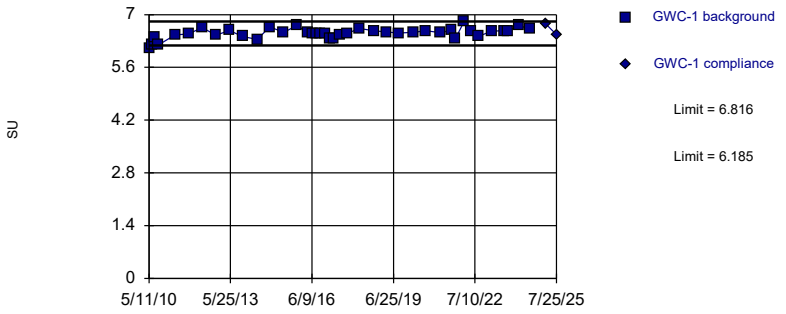
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.5, Std. Dev.=0.1424, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.919. Kappa = 2.216 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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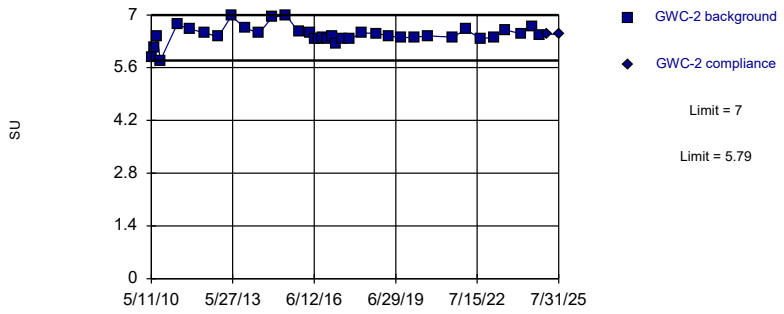
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 37 background values. Well-constituent pair annual alpha = 0.005442. Individual comparison alpha = 0.002723 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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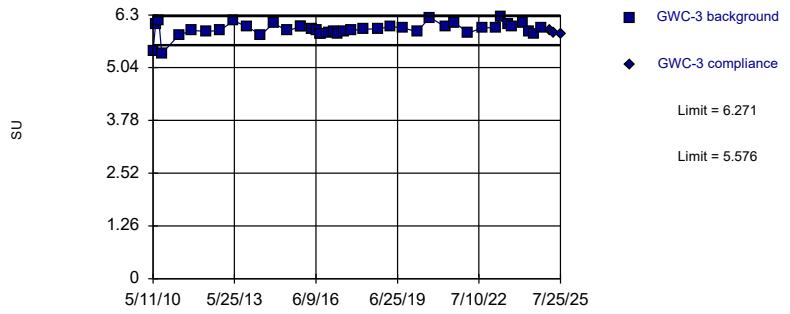
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=7542, Std. Dev.=976.1, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.922. Kappa = 2.206 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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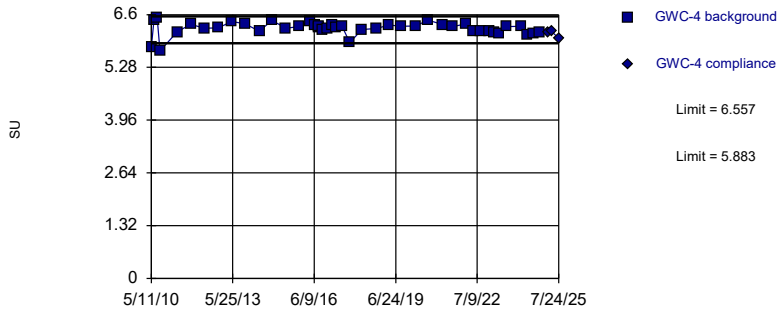
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=60468, Std. Dev.=8638, n=43. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.923. Kappa = 2.201 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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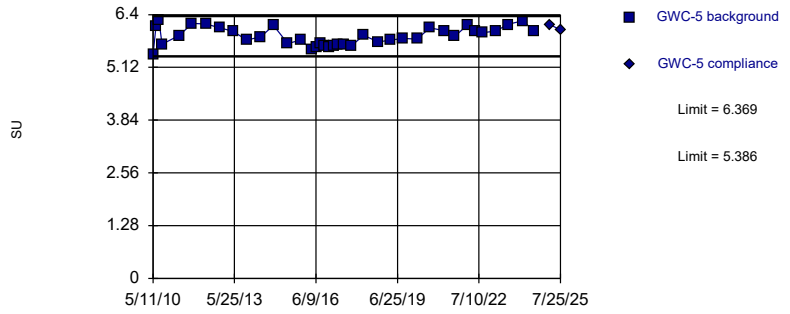
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.878, Std. Dev.=0.2204, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9586, critical = 0.916. Kappa = 2.228 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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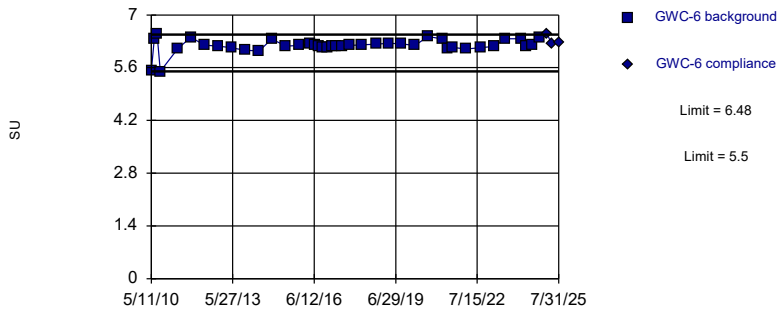
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 40 background values. Well-constituent pair annual alpha = 0.004632. Individual comparison alpha = 0.002317 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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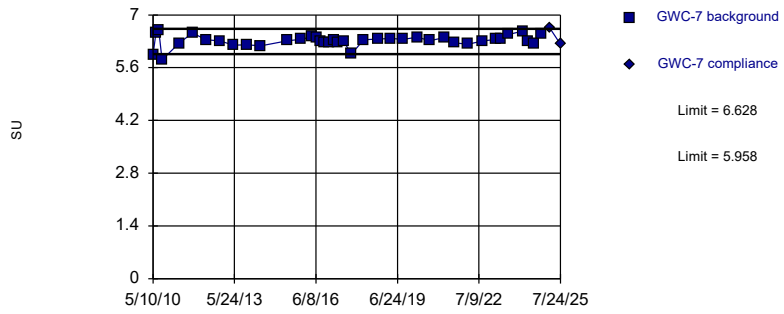
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^4 transformation): Mean=1595, Std. Dev.=150.8, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.917. Kappa = 2.222 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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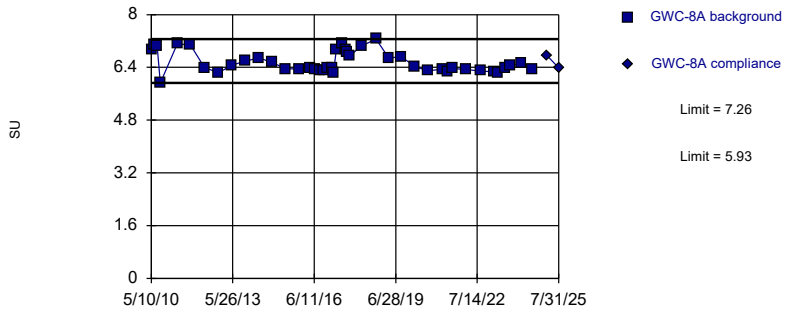
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 43 background values. Well-constituent pair annual alpha = 0.004145. Individual comparison alpha = 0.002074 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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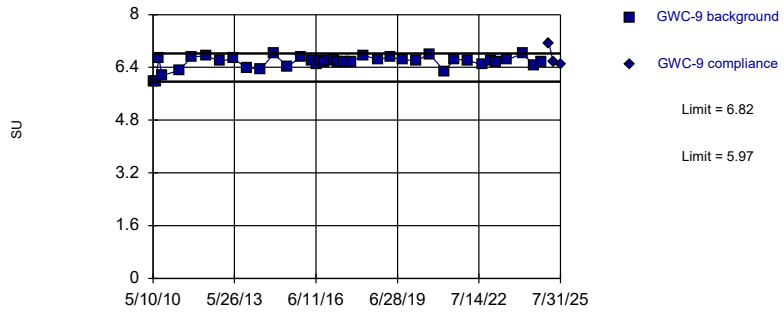
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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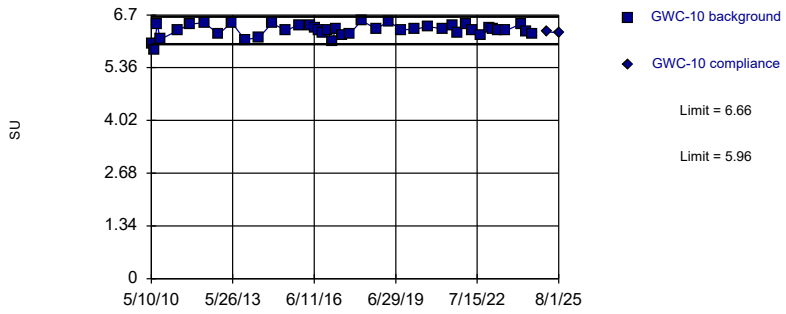
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.31, Std. Dev.=0.1585, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.941, critical = 0.922. Kappa = 2.206 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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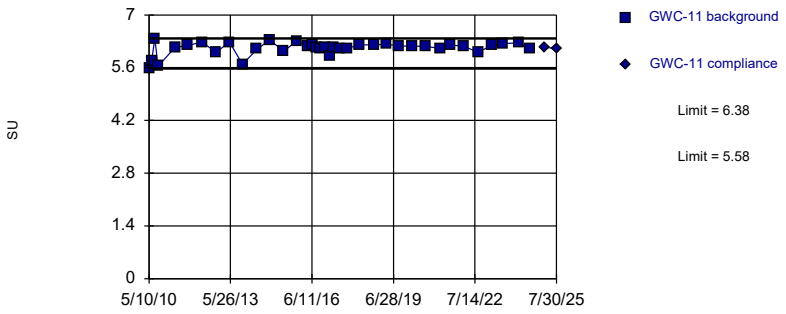
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 37 background values. Well-constituent pair annual alpha = 0.005442. Individual comparison alpha = 0.002723 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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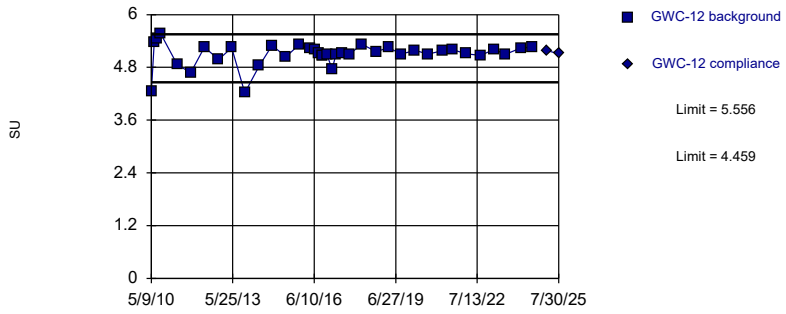
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=3529, Std. Dev.=792.6, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.916. Kappa = 2.228 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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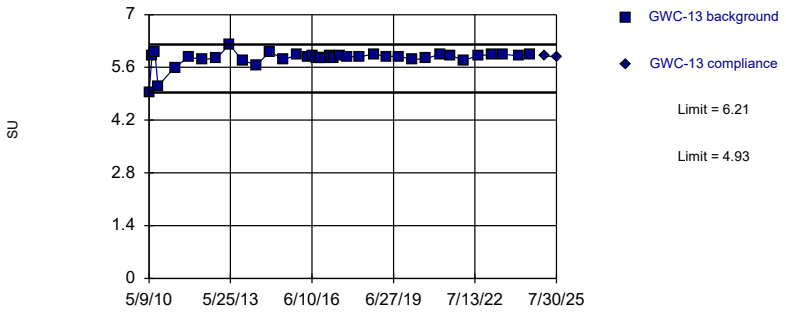
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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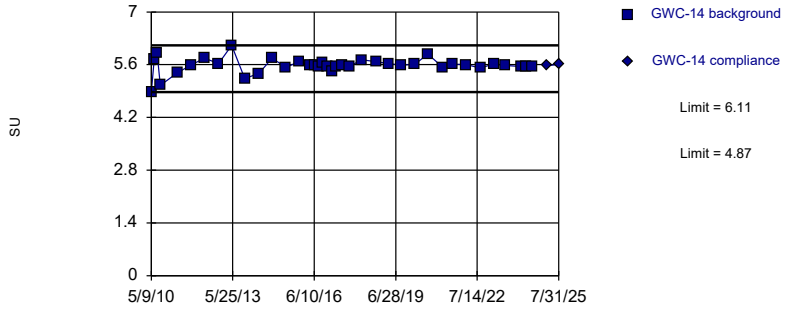
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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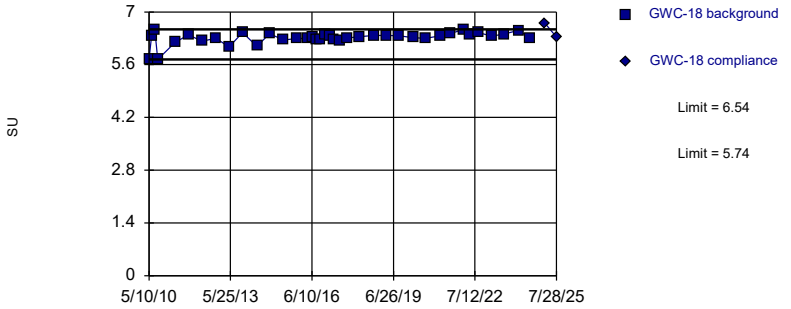
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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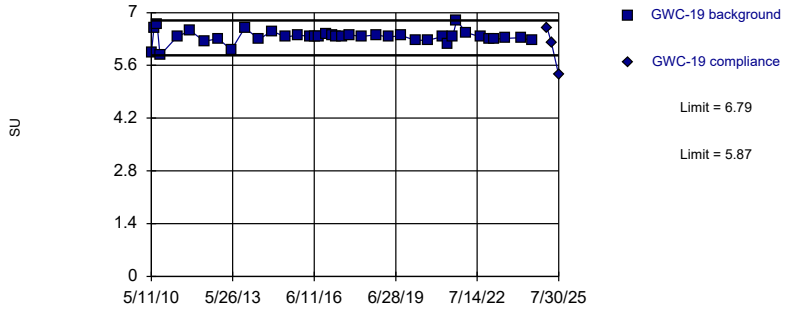
Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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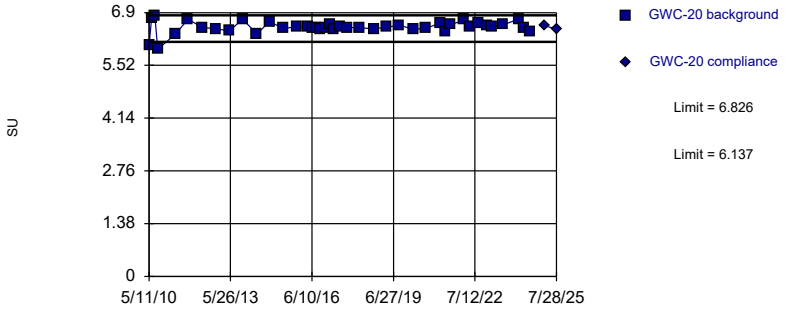
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=77297, Std. Dev.=10790, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.92. Kappa = 2.211 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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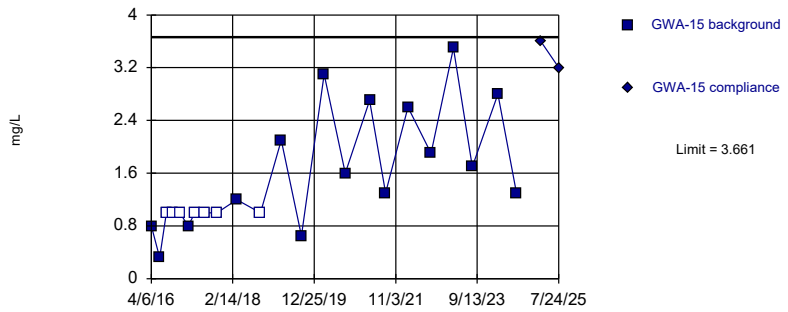
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=1.402, Std. Dev.=0.9467, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8844, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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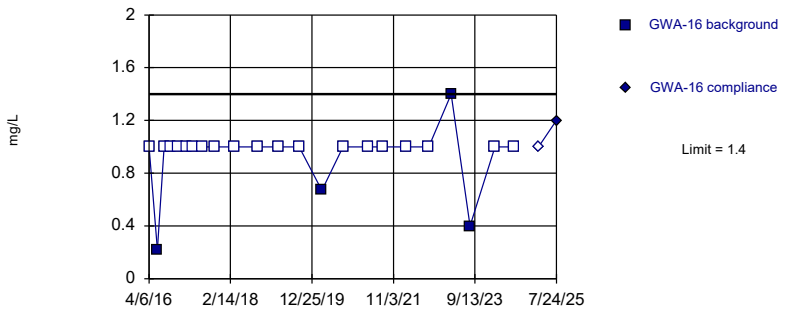
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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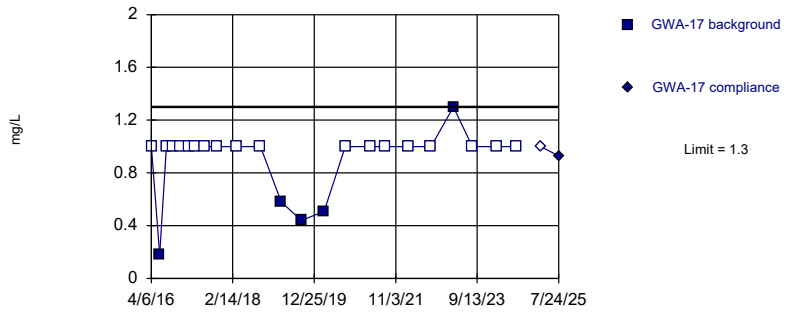
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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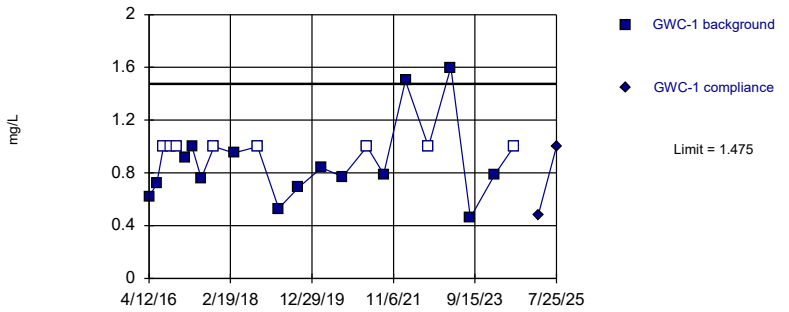
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.8815, Std. Dev.=0.1397, n=23, 34.78% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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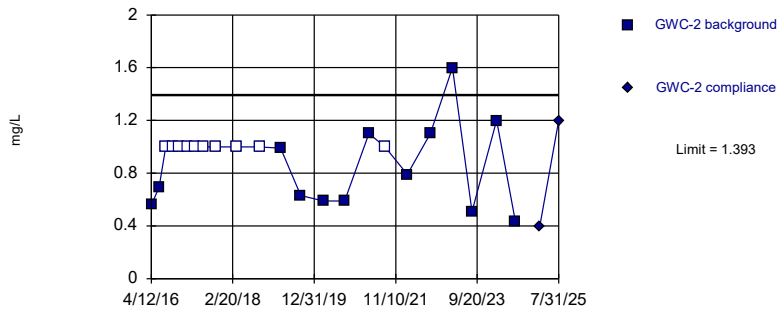
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7193, Std. Dev.=0.2825, n=23, 43.48% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.883, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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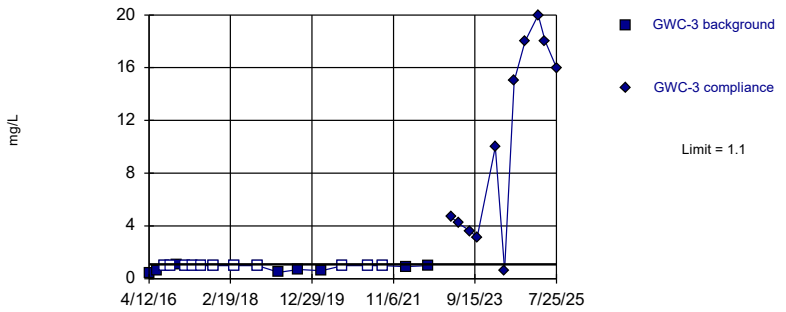
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell

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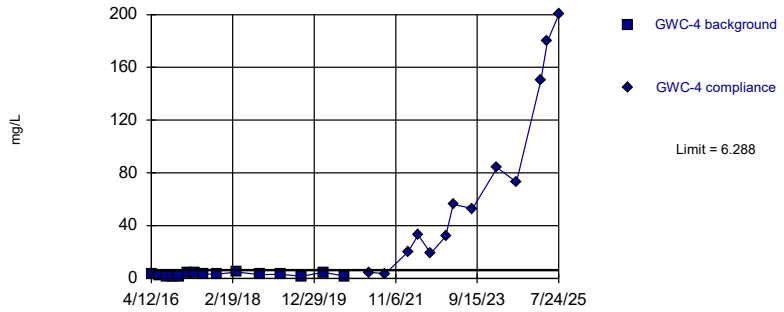
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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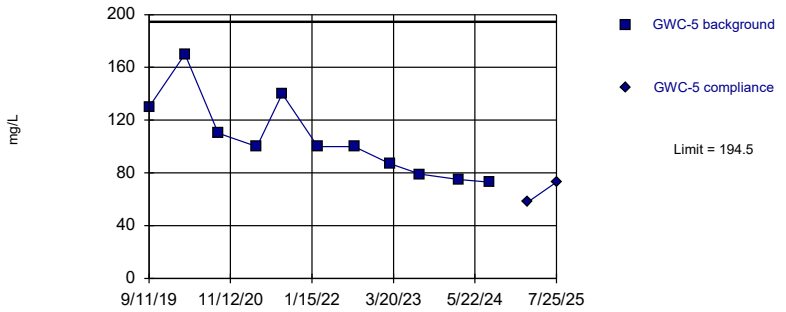
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=105.8, Std. Dev.=30.15, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9046, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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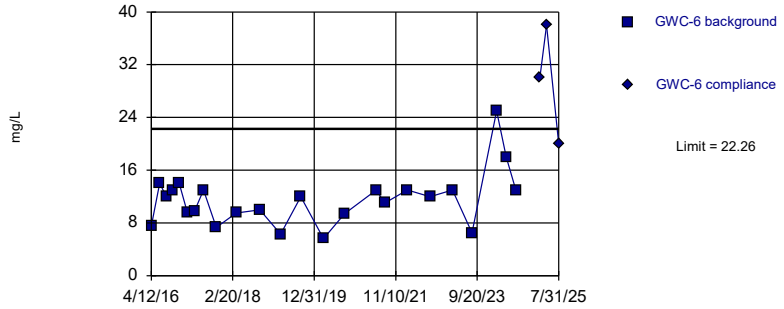
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.352, Std. Dev.=0.5775, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9279, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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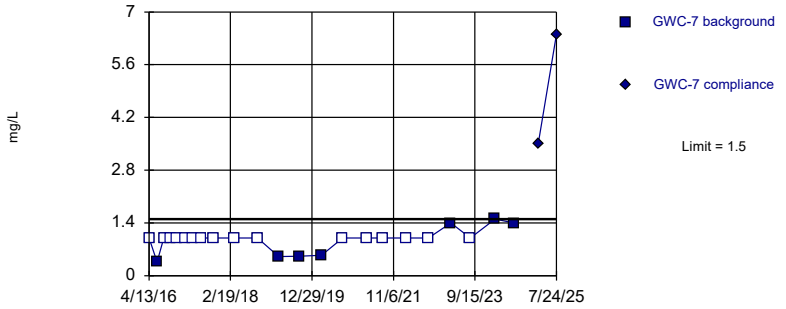
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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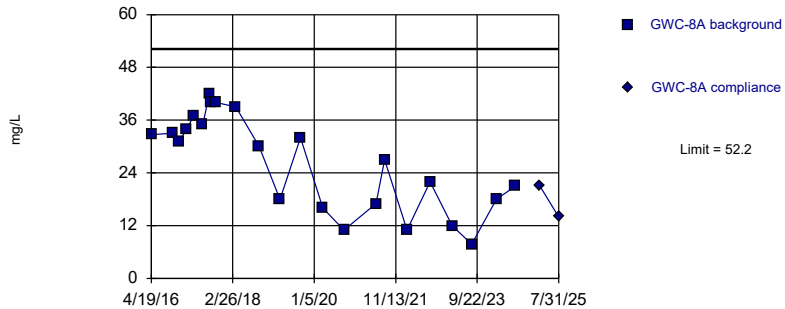
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=26.37, Std. Dev.=10.83, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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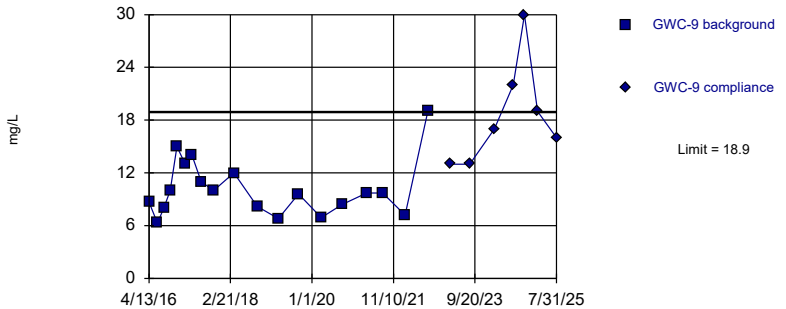
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.156, Std. Dev.=0.4807, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9365, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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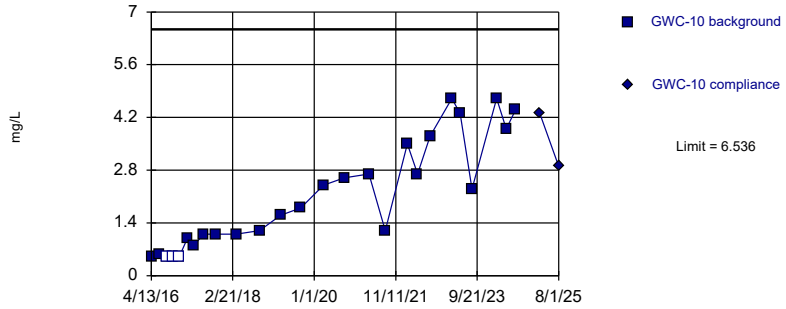
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.372, Std. Dev.=0.5072, n=26, 11.54% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9101, critical = 0.891. Kappa = 2.335 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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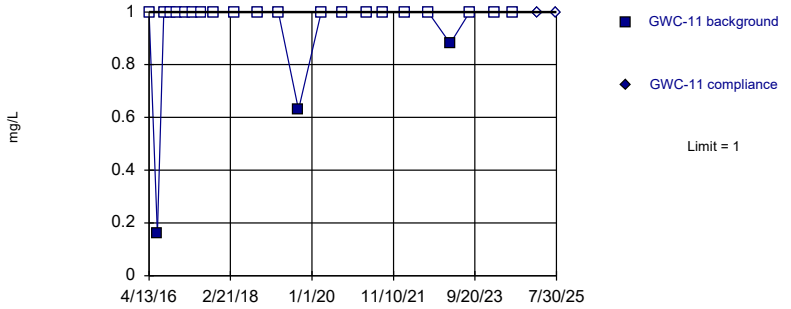
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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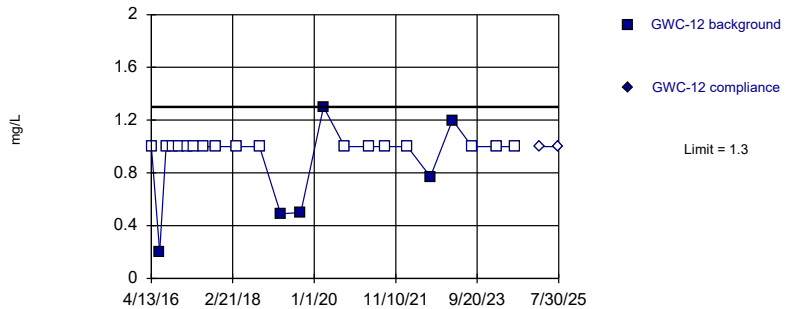
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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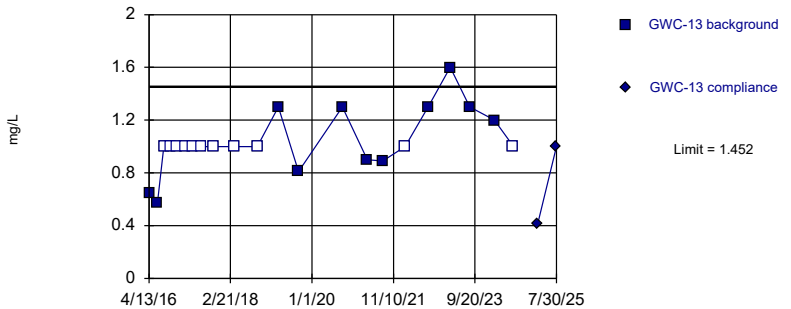
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.849, Std. Dev.=0.2507, n=22, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.896, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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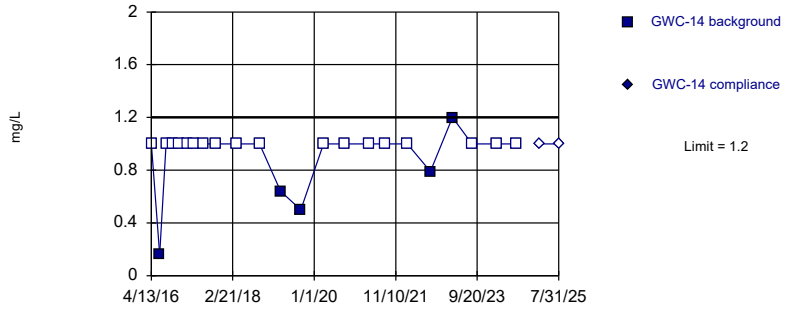
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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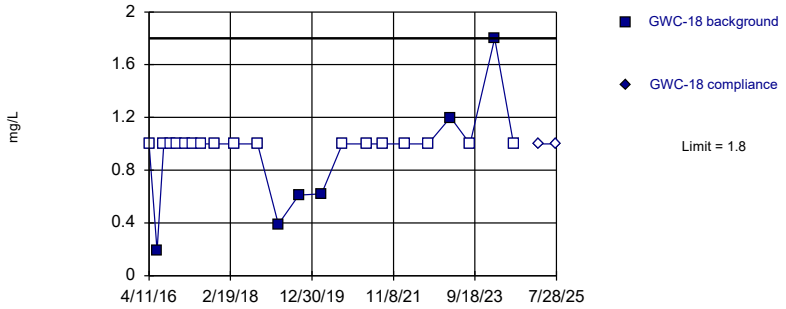
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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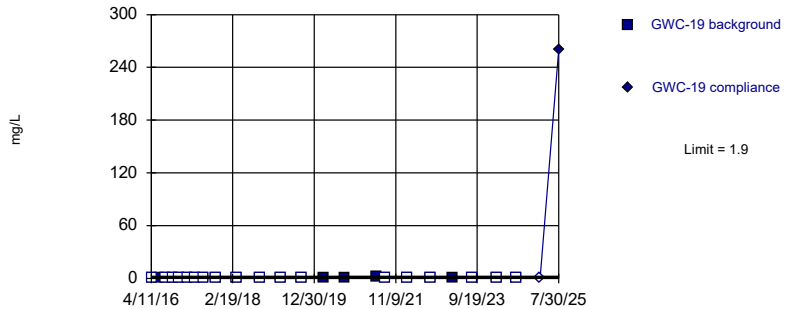
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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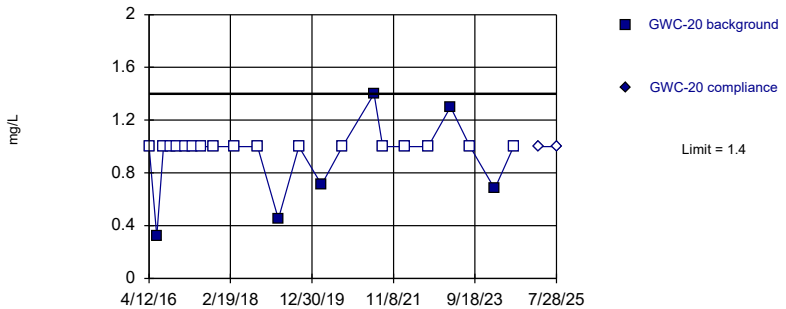
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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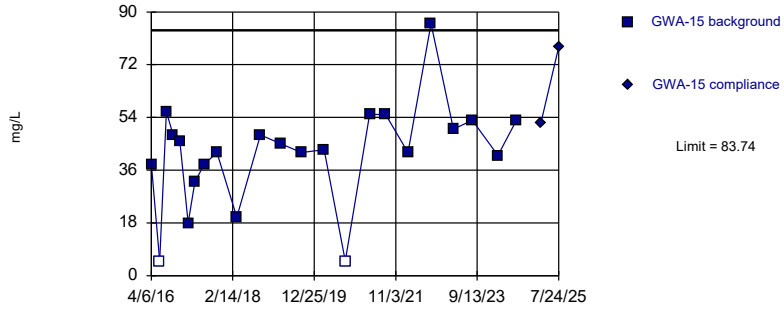
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=41.78, Std. Dev.=17.59, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9044, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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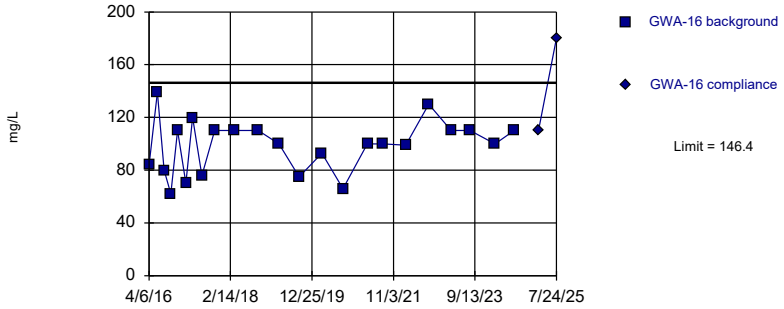
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=98.43, Std. Dev.=20.08, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9487, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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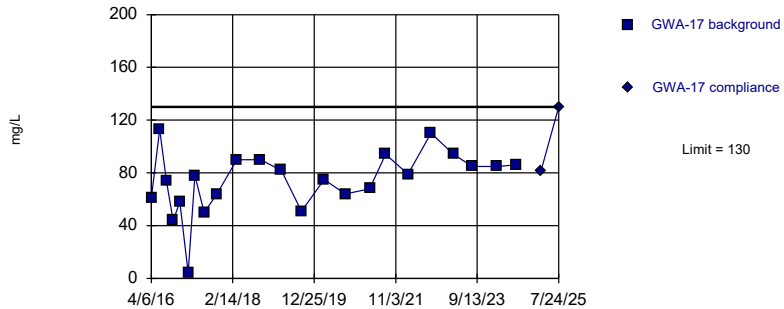
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=73.87, Std. Dev.=23.54, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9374, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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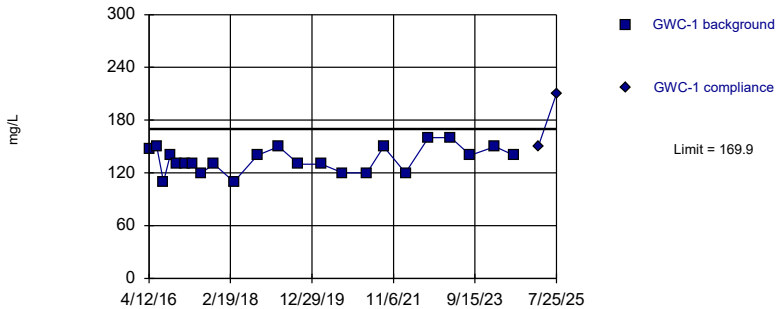
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=135.1, Std. Dev.=14.61, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9453, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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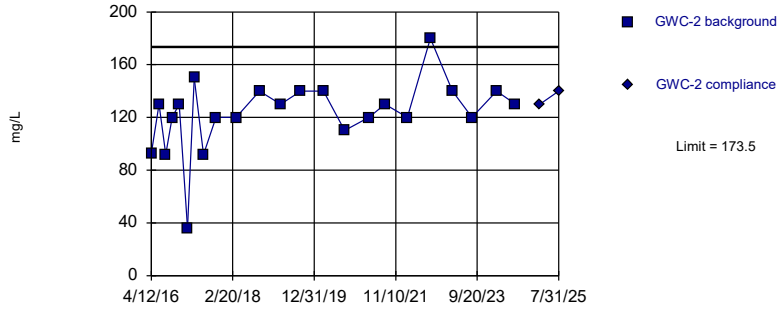
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=15773, Std. Dev.=6005, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9208, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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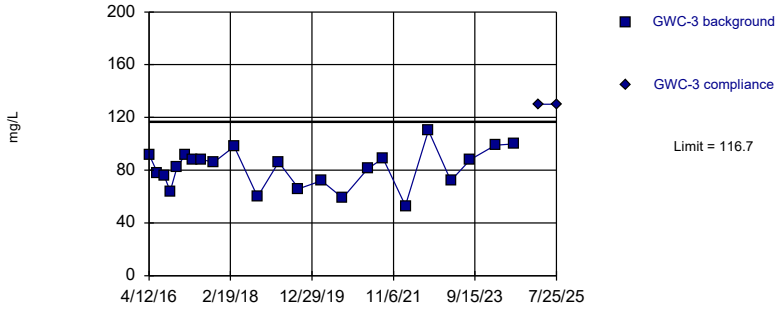
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=81.7, Std. Dev.=14.66, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9742, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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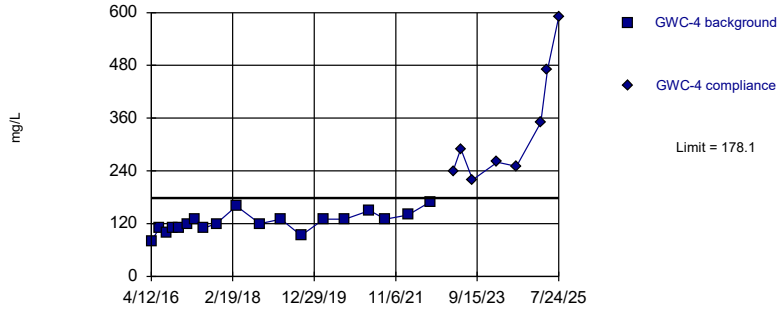
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=123.4, Std. Dev.=22.1, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9712, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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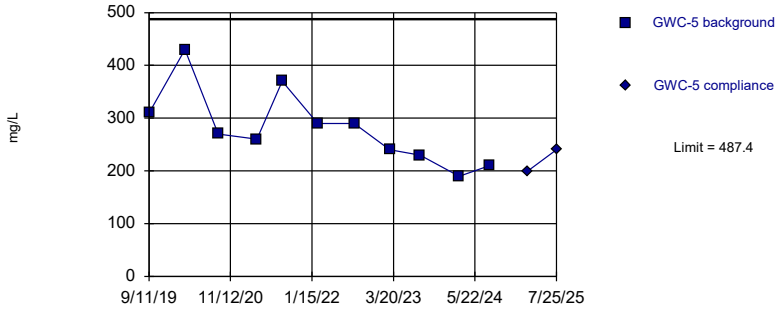
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=280.9, Std. Dev.=70.21, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9358, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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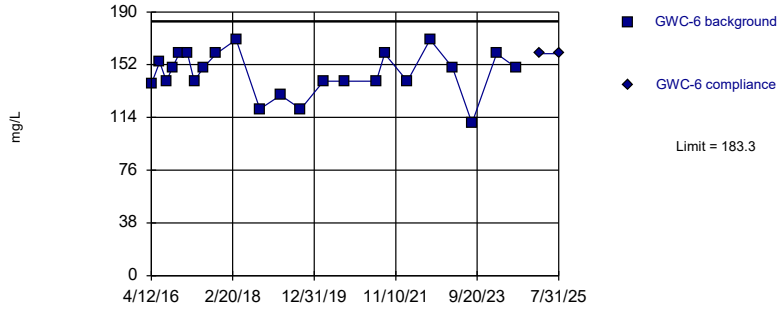
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=145.7, Std. Dev.=15.73, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:41 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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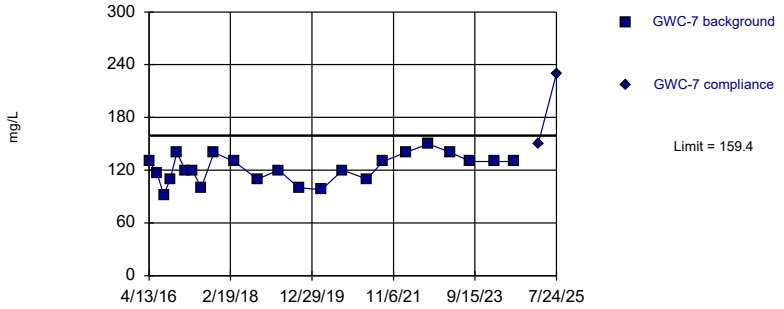
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=122, Std. Dev.=15.66, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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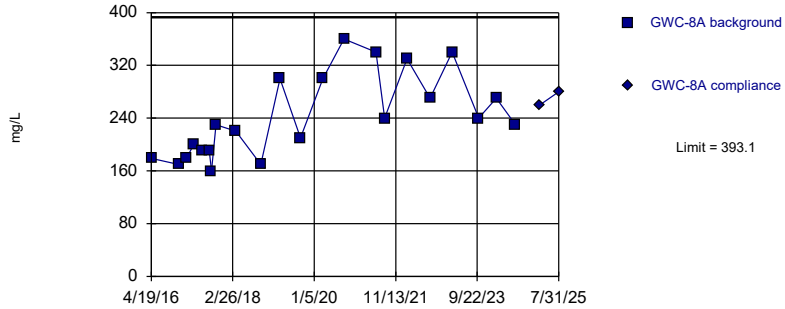
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=241.8, Std. Dev.=62.89, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9193, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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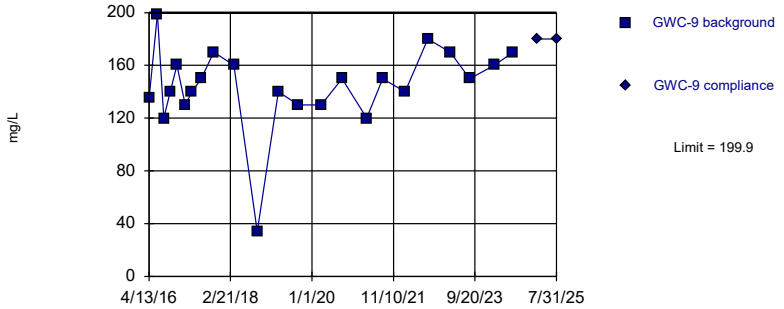
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=21860, Std. Dev.=7584, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.949, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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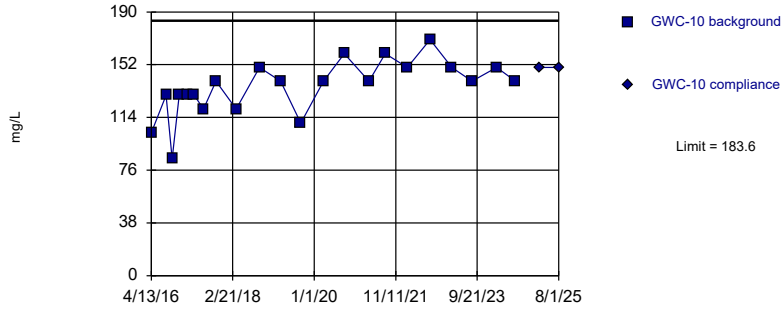
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=135.8, Std. Dev.=19.89, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
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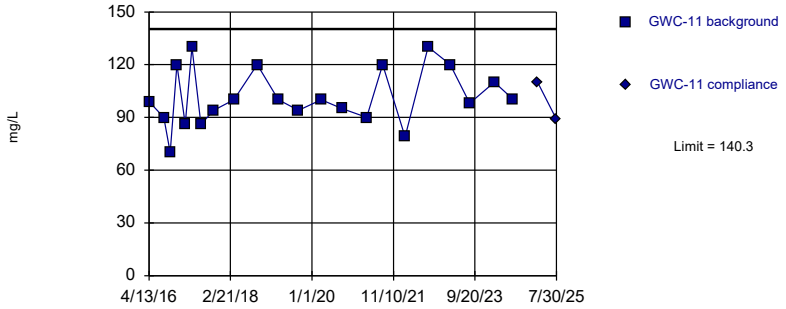
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=101.4, Std. Dev.=16.17, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9442, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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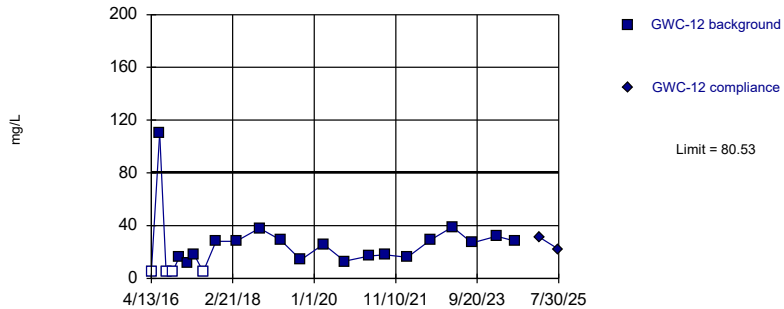
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=2.578, Std. Dev.=0.7293, n=23, 17.39% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8986, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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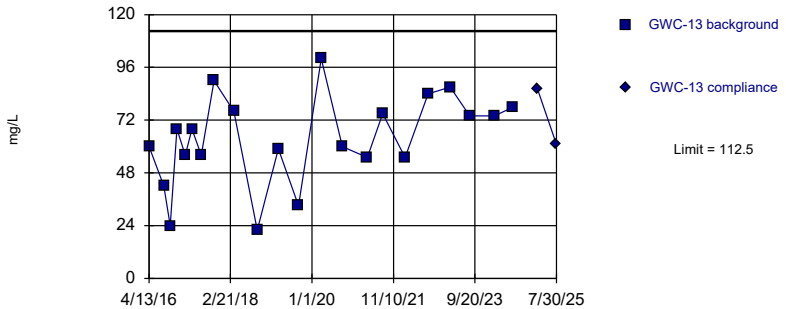
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=63.45, Std. Dev.=20.4, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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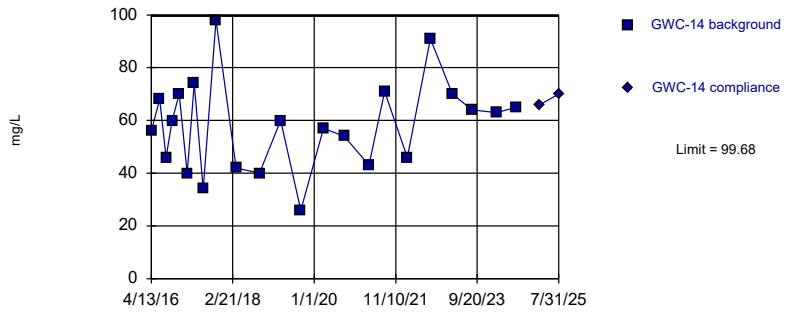
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=58.17, Std. Dev.=17.4, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9705, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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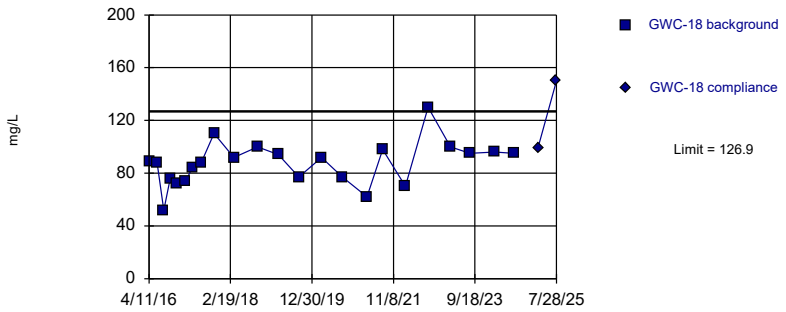
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=87.43, Std. Dev.=16.53, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9658, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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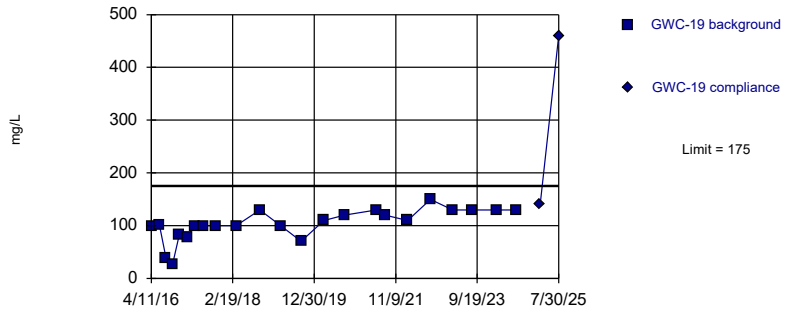
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=103.7, Std. Dev.=29.86, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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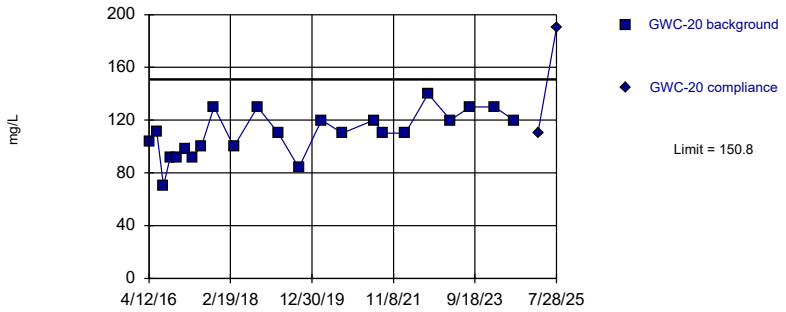
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=109.7, Std. Dev.=17.22, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9691, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 9/9/2025 2:42 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	<0.08	
6/15/2016	0.0031 (J)	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/3/2023	0.03 (J)	
3/4/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08
7/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/3/2023	<0.08	
2/28/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08
7/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<0.08	
6/15/2016	0.0028 (J)	
8/10/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/28/2023	<0.08	
8/3/2023	<0.08	
2/28/2024	<0.08	
8/6/2024	<0.08	
2/26/2025		<0.08
7/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	0.0044 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	0.053 (J)	
8/18/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08
7/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	<0.08	
6/16/2016	0.0034 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	0.023 (J)	
8/6/2024	<0.08	
2/25/2025		<0.08
7/31/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	<0.08	
6/20/2016	0.0015 (J)	
8/12/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.078 (J)	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/9/2023	<0.08	
3/4/2024	<0.08	
8/7/2024	<0.08	
2/25/2025		<0.08
7/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	<0.08	
6/20/2016	0.0026 (J)	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/7/2024	0.13	
11/6/2024	0.022 (J)	
2/25/2025		0.029 (J)
7/24/2025		0.034 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	<0.1	
6/22/2016	0.238	
8/16/2016	0.39	
10/6/2016	0.34	
12/1/2016	0.37	
2/9/2017	0.38	
4/6/2017	0.4	
6/21/2017	0.39	
10/5/2017	0.47	
3/22/2018	0.48	
10/3/2018	0.47	
3/27/2019	0.33	
9/11/2019	0.31	
3/18/2020	0.26	
9/9/2020	0.24	
4/1/2021	0.23	
8/12/2021	0.19	
2/15/2022	0.19	
8/25/2022	0.19	
2/28/2023	0.19	
8/8/2023	0.15	
2/29/2024	0.17	
8/6/2024	0.14	
2/25/2025		0.14
7/25/2025		0.11

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	0.042 (J)	
8/11/2021	0.057 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/7/2024	0.085	
11/6/2024	<0.08	
2/24/2025		<0.08
7/31/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<0.08	
6/20/2016	0.0019 (J)	
8/15/2016	<0.08	
10/6/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	0.056 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08
7/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.145	
10/10/2016	0.12	
12/1/2016	0.12	
2/9/2017	0.13	
4/7/2017	0.21	
6/21/2017	0.23	
8/15/2017	0.27	
9/1/2017	0.24	
10/9/2017	0.24	
3/22/2018	0.25	
10/4/2018	0.21	
3/27/2019	0.16	
9/11/2019	0.21	
3/18/2020	0.16	
9/9/2020	0.13	
4/5/2021	0.18	
8/12/2021	0.23	
2/15/2022	0.13	
8/25/2022	0.18	
2/27/2023	0.14	
8/8/2023	0.14	
2/29/2024	0.15	
8/6/2024	0.19	
2/24/2025		0.17
7/31/2025		0.14

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.0774 (J)	
6/22/2016	0.0663 (J)	
8/15/2016	0.093	
10/6/2016	0.096	
12/1/2016	0.12	
2/8/2017	0.094	
4/6/2017	0.11	
6/21/2017	0.1	
10/5/2017	0.083	
3/21/2018	0.089	
10/2/2018	0.083	
3/27/2019	0.067	
9/11/2019	0.083	
3/18/2020	0.058 (J)	
9/9/2020	0.088	
4/1/2021	0.059 (J)	
8/12/2021	0.1	
2/15/2022	0.07 (J)	
8/25/2022	0.13	
2/27/2023	0.082	
8/8/2023	0.087	
3/1/2024	0.085	
8/6/2024	0.12	
2/24/2025		0.056 (J)
7/31/2025		0.1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	<0.08	
6/21/2016	0.0068 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/17/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	0.11	
12/28/2022	0.098	
2/21/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08
8/1/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<0.08	
6/21/2016	0.0053 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08
7/30/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<0.08	
6/21/2016	0.0099 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
2/29/2024	0.024 (J)	
8/6/2024	<0.08	
2/24/2025		<0.08
7/30/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	<0.08	
6/21/2016	0.0062 (J)	
8/15/2016	<0.08	
10/7/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.056 (J)	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08
7/30/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<0.08	
6/21/2016	0.0115 (J)	
8/15/2016	<0.08	
10/4/2016	<0.08	
12/1/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/8/2024	<0.08	
2/25/2025		<0.08
7/31/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<0.08	
6/16/2016	0.0024 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/9/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<0.08	
6/16/2016	0.0026 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/9/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08
7/30/2025		1.9

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<0.08	
6/16/2016	0.0022 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	0.12	
12/28/2022	<0.08	
2/28/2023	<0.08	
8/8/2023	<0.08	
3/1/2024	0.025 (J)	
8/6/2024	<0.08	
2/25/2025		<0.08
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	3.62	
6/15/2016	4.5	
8/10/2016	3.8	
10/4/2016	5.3	
11/30/2016	4.7	
2/7/2017	3.8	
4/4/2017	3.8	
6/20/2017	4.1	
10/4/2017	4.6	
3/20/2018	4.2	
10/2/2018	4.2	
3/26/2019	4	
9/10/2019	4.8	
3/18/2020	3.8	
9/9/2020	4	
4/1/2021	4	
8/11/2021	4.1	
2/15/2022	3.6	
8/25/2022	4.9	
2/28/2023	4.1	
8/3/2023	4.7	
3/4/2024	3.8	
8/6/2024	4.2	
2/25/2025		4.1
7/24/2025		4.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	12.1	
6/15/2016	11.8	
8/10/2016	10	
10/4/2016	14	
11/29/2016	10	
2/7/2017	12	
4/4/2017	11	
6/20/2017	11	
10/5/2017	13	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/10/2019	12	
3/18/2020	12	
9/9/2020	11	
4/1/2021	12	
8/11/2021	11	
2/15/2022	10	
8/25/2022	13	
2/28/2023	13	
8/3/2023	13	
2/28/2024	15	
8/6/2024	15	
2/25/2025		13
7/24/2025		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	6.58	
6/15/2016	6.9	
8/10/2016	5.5	
10/5/2016	6.8	
11/29/2016	4.8	
2/7/2017	7.8	
4/4/2017	6.4	
6/20/2017	7	
10/5/2017	6.6	
3/20/2018	6.6	
10/2/2018	5.8	
3/26/2019	6.7	
9/10/2019	7.5	
3/18/2020	7.3	
9/9/2020	7.3	
4/1/2021	7.8	
8/11/2021	7.3	
2/15/2022	7.1	
8/24/2022	8.9	
2/28/2023	8.7	
8/3/2023	8.3	
2/28/2024	9	
8/6/2024	9	
2/26/2025		7.4
7/24/2025		7.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	17.1	
6/16/2016	19.8	
8/11/2016	15	
10/4/2016	17	
11/30/2016	16	
2/7/2017	17	
4/5/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	16	
9/10/2019	17	
3/18/2020	19	
9/9/2020	17	
4/1/2021	18	
8/18/2021	18	
2/15/2022	16	
8/24/2022	17	
2/27/2023	19	
8/9/2023	18	
3/1/2024	18	
8/6/2024	18	
2/25/2025		17
7/25/2025		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	17	
6/16/2016	19.7	
8/11/2016	15	
10/4/2016	18	
11/30/2016	16	
2/7/2017	18	
4/6/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	17	
9/10/2019	18	
3/18/2020	18	
9/9/2020	17	
4/1/2021	17	
8/12/2021	17	
2/15/2022	16	
8/26/2022	18	
2/27/2023	19	
8/9/2023	18	
3/1/2024	18	
8/6/2024	19	
2/25/2025		17
7/31/2025		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	8.52	
6/20/2016	7.7	
8/12/2016	7.3	
10/5/2016	8.4	
11/30/2016	8	
2/8/2017	9.3	
4/6/2017	8.1	
6/21/2017	9.2	
10/5/2017	10	
3/21/2018	9.3	
10/3/2018	7.5	
3/26/2019	7.3	
9/10/2019	6.6	
3/18/2020	5.9	
9/10/2020	6.3	
4/6/2021	7.4	
8/12/2021	6.6	
2/15/2022	6	
8/25/2022	5.5	
2/28/2023	5.9	
8/9/2023	6.7	
3/4/2024	8.9	
8/7/2024	10	
2/25/2025		11
7/25/2025		10

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20
2/27/2023		26
8/8/2023		25
2/29/2024		31
8/7/2024		29
2/25/2025		46
4/22/2025		60 (R)
7/24/2025		59

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	198 (o)	
6/22/2016	132	
8/16/2016	94	
10/6/2016	100	
12/1/2016	100	
2/9/2017	120	
4/6/2017	140	
6/21/2017	160	
10/5/2017	130	
3/22/2018	130	
10/3/2018	88	
3/27/2019	75	
9/11/2019	46	
3/18/2020	61	
9/9/2020	35	
4/1/2021	40	
8/12/2021	46	
2/15/2022	36	
8/25/2022	37	
2/28/2023	34	
8/8/2023	30	
2/29/2024	30	
8/6/2024	30	
2/25/2025		25
7/25/2025		24

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023	17	
8/8/2023	15	
2/29/2024	20	
5/20/2024	14	
8/7/2024	16	
2/24/2025		23
4/22/2025		21 (R)
7/31/2025		16

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	14	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021	15	
8/11/2021	14	
2/15/2022	13	
8/25/2022	16	
2/27/2023	16	
8/8/2023	15	
2/29/2024	17	
5/7/2024	17	
8/6/2024	17	
2/24/2025		19
7/24/2025		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	20	
10/10/2016	19	
12/1/2016	18	
2/9/2017	20	
4/7/2017	27	
6/21/2017	27	
8/15/2017	29	
9/1/2017	32	
10/9/2017	31	
3/22/2018	30	
10/4/2018	37	
3/27/2019		47
9/11/2019		37
3/18/2020		53
9/9/2020		64
4/5/2021		52
8/12/2021		37
2/15/2022		49
8/25/2022		39
2/27/2023		64
8/8/2023		53
2/29/2024		49
8/6/2024		36
2/24/2025		42
7/31/2025		42

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	18	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021	16	
8/12/2021	18	
2/15/2022	16	
8/25/2022	21	
12/28/2022	18	
2/27/2023	20	
8/8/2023	18	
3/1/2024	20	
8/6/2024	22	
11/6/2024	23	
2/24/2025		34
7/31/2025		21

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	15.6	
6/21/2016	14.4	
8/15/2016	14	
10/5/2016	17	
12/1/2016	15	
2/8/2017	17	
4/6/2017	16	
6/21/2017	16	
10/5/2017	19	
3/21/2018	17	
10/2/2018	17	
3/27/2019	16	
9/11/2019	18	
3/18/2020	20	
9/9/2020	20	
4/1/2021	19	
8/17/2021	18	
2/15/2022	17	
8/25/2022	20	
2/21/2023	20	
8/9/2023	18	
3/1/2024	20	
8/6/2024	19	
2/24/2025		20
8/1/2025		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	12.8	
6/21/2016	11.6	
8/15/2016	11	
10/5/2016	14	
12/1/2016	12	
2/8/2017	13	
4/6/2017	12	
6/20/2017	13	
10/5/2017	14	
3/21/2018	13	
10/2/2018	12	
3/27/2019	12	
9/11/2019	13	
3/18/2020	14	
9/10/2020	13	
4/1/2021	13	
8/11/2021	13	
2/16/2022	12	
8/25/2022	14	
2/27/2023	14	
8/9/2023	14	
2/29/2024	14	
8/6/2024	13	
2/24/2025		14
7/30/2025		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.18	
6/21/2016	1.12	
8/15/2016	0.95	
10/5/2016	1	
12/1/2016	0.92	
2/8/2017	1.2	
4/5/2017	1.1	
6/20/2017	0.96	
10/5/2017	1.1	
3/21/2018	1.3	
10/2/2018	0.86	
3/26/2019	1.1	
9/11/2019	0.94	
3/18/2020	1.6	
9/10/2020	1.1	
4/1/2021	1.2	
8/11/2021	1	
2/16/2022	1.1	
8/26/2022	0.99	
2/27/2023	1.2	
8/9/2023	1.1	
2/29/2024	1.4	
8/6/2024	1.1	
2/24/2025		1.7
7/30/2025		1.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	5.71	
6/21/2016	5.54	
8/15/2016	5.8	
10/7/2016	6.1	
12/1/2016	5.8	
2/9/2017	6.3	
4/6/2017	5.8	
6/22/2017	6.4	
10/6/2017	7.4	
3/22/2018	6.8	
10/3/2018	6.4	
3/26/2019	6.3	
9/11/2019	7	
3/18/2020	9.3	
9/10/2020	6.7	
4/6/2021	7.4	
8/11/2021	6.7	
2/16/2022	6.7	
8/26/2022	7.5	
2/27/2023	8.1	
8/9/2023	7.7	
3/1/2024	7.6	
8/6/2024	7.4	
2/24/2025		7.9
7/30/2025		7.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	6.55	
6/21/2016	6.04	
8/15/2016	5.9	
10/4/2016	6.6	
12/1/2016	5.4	
2/7/2017	6.1	
4/6/2017	6.1	
6/20/2017	6.6	
10/5/2017	7.2	
3/20/2018	6.6	
10/2/2018	6.5	
3/26/2019	6.4	
9/11/2019	7.3	
3/18/2020	6.9	
9/9/2020	6.5	
4/1/2021	6.2	
8/11/2021	6.9	
2/16/2022	6.3	
8/26/2022	7	
2/27/2023	7.3	
8/9/2023	7.2	
3/1/2024	7.6	
8/8/2024	8.3	
2/25/2025		7.2
7/31/2025		6.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	10.5	
6/16/2016	11.6	
8/11/2016	10	
10/5/2016	11	
11/29/2016	9.6	
2/8/2017	10	
4/6/2017	9.7	
6/21/2017	9.7	
10/5/2017	11	
3/20/2018	11	
10/2/2018	9.6	
3/26/2019	9.6	
9/11/2019	10	
3/18/2020	11	
9/9/2020	10	
4/1/2021	11	
8/11/2021	10	
2/16/2022	9.7	
8/25/2022	11	
2/28/2023	11	
8/9/2023	11	
2/29/2024	11	
8/6/2024	11	
2/25/2025		10
7/28/2025		10

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
8/11/2021		17
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19
2/28/2023		18
8/8/2023		18
2/29/2024		19
8/6/2024		20
2/25/2025		18
4/22/2025		20 (R)
7/30/2025		40

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021	14	
8/11/2021	14	
2/16/2022	13	
8/25/2022	15	
2/28/2023	16	
8/8/2023	16	
3/1/2024	17	
8/6/2024	17	
2/25/2025		18
7/28/2025		18

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	5.342	
6/15/2016	5.2	
8/10/2016	5.5	
10/4/2016	5.4	
11/30/2016	5.4	
2/7/2017	5.1	
4/4/2017	5.1	
6/20/2017	5.2	
10/4/2017	5.2	
3/20/2018	5.6	
10/2/2018	6.3	
3/26/2019	5.5	
9/10/2019	5.2	
3/18/2020	5.4	
9/9/2020	6.1	
4/1/2021	7	
8/11/2021	7.2	
2/15/2022	6.5	
8/25/2022	6.9	
2/28/2023	6.3	
8/3/2023	6.3	
3/4/2024	5.6	
8/6/2024	6	
2/25/2025		5.7
7/24/2025		6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	1.789	
6/15/2016	2.1	
8/10/2016	1.8	
10/4/2016	1.7	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.6	
6/20/2017	1.6	
10/5/2017	1.5	
3/20/2018	1.5	
10/2/2018	1.6	
3/26/2019	1.5	
9/10/2019	1.4	
3/18/2020	1.7	
9/9/2020	1.6	
4/1/2021	1.8	
8/11/2021	1.8	
2/15/2022	1.6	
8/25/2022	1.6	
2/28/2023	1.7	
8/3/2023	1.6	
2/28/2024	1.6	
8/6/2024	1.7	
2/25/2025		1.6
7/24/2025		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	1.69	
6/15/2016	1.9	
8/10/2016	1.7	
10/5/2016	1.6	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.5	
6/20/2017	1.5	
10/5/2017	1.5	
3/20/2018	1.4	
10/2/2018	1.5	
3/26/2019	1.3	
9/10/2019	1.3	
3/18/2020	2	
9/9/2020	1.3	
4/1/2021	1.5	
8/11/2021	1.4	
2/15/2022	1.4	
8/24/2022	1.4	
2/28/2023	1.4	
8/3/2023	1.3	
2/28/2024	1.4	
8/6/2024	1.4	
2/26/2025		1.5
7/24/2025		2.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8 (D)	
8/11/2016	4	
10/4/2016	3.6	
11/30/2016	3.8	
2/7/2017	4.3	
4/5/2017	4.1	
6/20/2017	3.9	
10/4/2017	3.6	
3/20/2018	3.9	
10/2/2018	3.7	
3/26/2019	3.6	
9/10/2019	2.9	
3/18/2020	4.2	
9/9/2020	3.9	
4/1/2021	4.2	
8/18/2021	4	
2/15/2022	4	
8/24/2022	3.6	
2/27/2023	3.8	
8/9/2023	3.5	
3/1/2024	4.2	
8/6/2024	3.5	
2/25/2025		3.9
7/25/2025		4.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4 (D)	
8/11/2016	2.4	
10/4/2016	2.2	
11/30/2016	2.2	
2/7/2017	2.1	
4/6/2017	2.1	
6/20/2017	2.1	
10/4/2017	2	
3/20/2018	2	
10/2/2018	2	
3/26/2019	1.9	
9/10/2019	1.7	
3/18/2020	2.4	
9/9/2020	2	
4/1/2021	2.5	
8/12/2021	2.5	
2/15/2022	2.2	
8/26/2022	2.1	
2/27/2023	2.2	
8/9/2023	2.1	
3/1/2024	2.5	
8/6/2024	2.2	
2/25/2025		2.1
7/31/2025		2.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	3.04	
6/20/2016	3.1	
8/16/2016	3.2	
10/5/2016	3.2	
11/30/2016	3.3	
2/8/2017	3.5	
4/6/2017	3.4	
6/21/2017	3.5	
10/5/2017	3.5	
3/21/2018	3.4	
10/3/2018	3.5	
3/26/2019	3	
9/10/2019	2.5	
3/18/2020	2.8	
9/10/2020	2.7	
4/6/2021	2.9	
8/12/2021	3.3	
2/15/2022	2.7	
8/25/2022	3.2	
2/28/2023	3.1	
8/9/2023	3.2	
3/4/2024	3	
8/7/2024	2.7	
2/25/2025		2.4
7/25/2025		3.2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28
8/7/2024		19
2/25/2025		28
4/22/2025		45 (R)
7/24/2025		48

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	124 (O)	
6/22/2016	81	
8/16/2016	71	
10/6/2016	68	
12/1/2016	74	
2/9/2017	76	
4/6/2017	92	
6/21/2017	100	
10/5/2017	67	
3/22/2018	74	
10/3/2018	46	
3/27/2019	42	
9/11/2019	19	
3/18/2020	30	
9/9/2020	8.7	
4/1/2021	18	
8/12/2021	22	
2/15/2022	16	
8/25/2022	12	
2/28/2023	11	
8/8/2023	8.2	
2/29/2024	8.2	
8/6/2024	8.1	
2/25/2025		4.9 (J)
7/25/2025		5.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	6.07	
6/20/2016	6.8	
8/16/2016	7.6	
10/6/2016	7.3	
11/30/2016	7.1	
2/9/2017	5.8	
4/6/2017	5.7	
6/21/2017	6.1	
10/6/2017	5.1	
3/21/2018	5.4	
10/3/2018	5.7	
3/26/2019	4.2	
9/11/2019	7.2	
3/18/2020	4	
9/10/2020	6.3	
6/2/2021	6.3	
8/11/2021	6.5	
2/15/2022	6.1	
8/25/2022	6.2	
2/27/2023	5.2	
8/8/2023	5.5	
2/29/2024	7	
8/7/2024	5.9	
2/24/2025		6.1
7/31/2025		4.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	1.68	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021	2.9	
8/11/2021	3	
2/15/2022	2.7	
8/25/2022	3	
2/27/2023	3.5	
8/8/2023	3.8	
2/29/2024	4.8	
8/6/2024	4.9	
2/24/2025		6.5
7/24/2025		9.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	6.9	
10/10/2016	7.2	
12/1/2016	7.1	
2/9/2017	7.2	
4/7/2017	7.5	
6/21/2017	7.6	
8/15/2017	7.8	
9/1/2017	7.6	
10/9/2017	7.5	
3/22/2018	7	
10/4/2018	6.1	
3/27/2019	6.6	
9/11/2019	7	
3/18/2020	8.5	
9/9/2020	11	
6/1/2021	9.4	
8/12/2021	7.8	
2/15/2022	9.1	
8/25/2022	7.5	
2/27/2023	8.8	
8/8/2023	8.2	
2/29/2024	8.1	
8/6/2024	6.8	
2/24/2025		6.8
7/31/2025		6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	3.64	
6/22/2016	3.8	
8/15/2016	3.7	
10/6/2016	3.4	
12/1/2016	4	
2/8/2017	4	
4/6/2017	4	
6/21/2017	3.3	
10/5/2017	3.3	
3/21/2018	3.6	
10/2/2018	3.1	
3/27/2019	3	
9/11/2019	3.4	
3/18/2020	3.4	
9/9/2020	3.2	
4/1/2021	4.3	
8/12/2021	4.1	
2/15/2022	3.7	
8/25/2022	4.2	
2/27/2023	4.2	
8/8/2023	4	
3/1/2024	5.2	
8/6/2024	5.2	
2/24/2025		6.3
7/31/2025		4.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	2.04	
6/21/2016	2.2	
8/15/2016	2.2	
10/5/2016	2.1	
12/1/2016	2.1	
2/8/2017	2.3	
4/6/2017	2.2	
6/21/2017	2.3	
10/5/2017	2.3	
3/21/2018	2.3	
10/2/2018	2.6	
3/27/2019	2.4	
9/11/2019	2.9	
3/18/2020	4.1	
9/9/2020	4.3	
4/1/2021	4.4	
8/17/2021	3.1	
2/15/2022	4.6	
8/25/2022	5	
2/21/2023	4.3	
8/9/2023	3.7	
3/1/2024	5	
8/6/2024	5.2	
2/24/2025		4.6
8/1/2025		3.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	1.78	
6/21/2016	2	
8/15/2016	1.9	
10/5/2016	1.8	
12/1/2016	1.8	
2/8/2017	1.8	
4/6/2017	1.7	
6/20/2017	1.7	
10/5/2017	1.7	
3/21/2018	1.6	
10/2/2018	1.7	
3/27/2019	1.5	
9/11/2019	1.8	
3/18/2020	1.9	
9/10/2020	1.9	
4/1/2021	1.9	
8/11/2021	1.8	
2/16/2022	1.7	
8/25/2022	1.8	
2/27/2023	1.8	
8/9/2023	1.7	
2/29/2024	2.2	
8/6/2024	1.9	
2/24/2025		1.8
7/30/2025		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.8	
6/21/2016	2	
8/15/2016	1.8	
10/5/2016	1.7	
12/1/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/20/2017	1.6	
10/5/2017	1.6	
3/21/2018	1.6	
10/2/2018	1.6	
3/26/2019	1.7	
9/11/2019	1.9	
3/18/2020	2.1	
9/10/2020	1.8	
4/1/2021	2	
8/11/2021	1.8	
2/16/2022	1.9	
8/26/2022	1.7	
2/27/2023	1.9	
8/9/2023	1.8	
2/29/2024	2.3	
8/6/2024	2	
2/24/2025		2.1
7/30/2025		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	1.82	
6/21/2016	1.9	
8/15/2016	1.6	
10/7/2016	1.5	
12/1/2016	1.4	
2/9/2017	1.5	
4/6/2017	1.4	
6/22/2017	1.5	
10/6/2017	1.3	
3/22/2018	1.4	
10/3/2018	1.5	
3/26/2019	1.6	
9/11/2019	1.5	
3/18/2020	1.6	
9/10/2020	1.7	
4/6/2021	1.8	
8/11/2021	1.6	
2/16/2022	1.5	
8/26/2022	1.5	
2/27/2023	1.5	
8/9/2023	1.4	
3/1/2024	1.8	
8/6/2024	1.5	
2/24/2025		1.5
7/30/2025		1.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	2.71	
6/21/2016	3	
8/15/2016	3.1	
10/4/2016	3	
12/1/2016	3.1	
2/7/2017	2.9	
4/6/2017	2.7	
6/20/2017	2.9	
10/5/2017	2.8	
3/20/2018	2.7	
10/2/2018	3	
3/26/2019	2.5	
9/11/2019	3.1	
3/18/2020	3	
9/9/2020	2.9	
4/1/2021	3.8	
8/11/2021	3.7	
2/16/2022	3.2	
8/26/2022	3.3	
2/27/2023	3.5	
8/9/2023	3.5	
3/1/2024	4.7	
8/8/2024	4.4	
2/25/2025		4.3
7/31/2025		3.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5 (D)	
8/11/2016	2.6	
10/5/2016	2.5	
11/29/2016	2.4	
2/8/2017	2.5	
4/6/2017	2.4	
6/21/2017	2.4	
10/5/2017	2.3	
3/20/2018	2.3	
10/2/2018	2.5	
3/26/2019	2.7	
9/11/2019	2.6	
3/18/2020	2.7	
9/9/2020	2.8	
4/1/2021	2.8	
8/11/2021	2.9	
2/16/2022	2.7	
8/25/2022	2.8	
2/28/2023	2.8	
8/9/2023	2.6	
2/29/2024	3.2	
8/6/2024	2.8	
2/25/2025		2.8
7/28/2025		2.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9 (D)	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021	2.6	
8/11/2021	2.8	
2/16/2022	2.4	
8/25/2022	2.4	
2/28/2023	2.6	
8/8/2023	2.6	
2/29/2024	3.1	
8/6/2024	2.8	
2/25/2025		2.7
7/30/2025		10

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2 (D)	
8/11/2016	2.1	
10/5/2016	1.9	
11/30/2016	2	
2/8/2017	2	
4/6/2017	<1	
6/21/2017	1.9	
10/5/2017	1.9	
3/21/2018	1.8	
10/3/2018	2	
3/26/2019	1.9	
9/12/2019	1.6	
3/19/2020	2.2	
9/10/2020	2.1	
6/1/2021	2.1	
8/11/2021	2.1	
2/16/2022	2	
8/25/2022	2.1	
2/28/2023	2.2	
8/8/2023	2.2	
3/1/2024	2.5	
8/6/2024	2.3	
2/25/2025		2.4
7/28/2025		2.6

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.02	
8/10/2016	<0.02	
10/4/2016	<0.02	
11/30/2016	<0.02	
2/7/2017	<0.02	
4/4/2017	<0.02	
6/20/2017	<0.02	
10/4/2017	<0.02	
3/20/2018	<0.02	
10/2/2018	<0.02	
3/26/2019	<0.02	
9/10/2019	<0.02	
3/18/2020	0.036 (J)	
9/9/2020	<0.02	
4/1/2021	<0.02	
8/11/2021	0.036 (J)	
2/15/2022	0.054 (J)	
8/25/2022	<0.02	
2/28/2023	0.077 (J)	
8/3/2023	<0.02	
3/4/2024	<0.02	
8/6/2024	<0.02	
2/25/2025		<0.02
7/24/2025		0.087 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.02	
8/10/2016	<0.02	
10/4/2016	<0.02	
11/29/2016	<0.02	
2/7/2017	<0.02	
4/4/2017	<0.02	
6/20/2017	<0.02	
10/5/2017	<0.02	
3/20/2018	<0.02	
10/2/2018	<0.02	
3/26/2019	0.041 (J)	
9/10/2019	0.047 (J)	
3/18/2020	0.041 (J)	
9/9/2020	0.034 (J)	
4/1/2021	0.035 (J)	
8/11/2021	0.05 (J)	
2/15/2022	0.079 (J)	
8/25/2022	0.047 (J)	
2/28/2023	0.089 (J)	
8/3/2023	0.074 (J)	
2/28/2024	<0.02	
8/6/2024	<0.02	
2/25/2025		<0.02
7/24/2025		0.16 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.02	
8/10/2016	<0.02	
10/5/2016	<0.02	
11/29/2016	<0.02	
2/7/2017	<0.02	
4/4/2017	<0.02	
6/20/2017	<0.02	
10/5/2017	<0.02	
3/20/2018	<0.02	
10/2/2018	<0.02	
3/26/2019	0.042 (J)	
9/10/2019	0.046 (J)	
3/18/2020	0.071 (J)	
9/9/2020	0.036 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.053 (J)	
2/15/2022	0.083 (J)	
8/24/2022	0.047 (J)	
2/28/2023	0.067 (J)	
8/3/2023	0.068 (J)	
2/28/2024	<0.02	
8/6/2024	<0.02	
2/26/2025		<0.02
7/24/2025		0.11 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (JD)	
8/11/2016	0.092 (J)	
10/4/2016	<0.02	
11/30/2016	0.091 (J)	
2/7/2017	<0.02	
4/5/2017	<0.02	
6/20/2017	0.082 (J)	
10/4/2017	<0.02	
3/20/2018	<0.02	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021	0.081 (J)	
8/18/2021	0.14	
10/18/2021	0.081 (J)	
2/15/2022	0.12	
5/12/2022	0.048 (J)	
8/24/2022	0.075 (J)	
2/27/2023	0.08 (J)	
8/9/2023	0.11	
3/1/2024	<0.02	
8/6/2024	0.079 (J)	
2/25/2025		<0.02
7/25/2025		0.14 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.02 (D)	
8/11/2016	<0.02	
10/4/2016	<0.02	
11/30/2016	<0.02	
2/7/2017	<0.02	
4/6/2017	<0.02	
6/20/2017	<0.02	
10/4/2017	<0.02	
3/20/2018	<0.02	
10/2/2018	<0.02	
3/26/2019	0.046 (J)	
9/10/2019	0.048 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.043 (J)	
8/12/2021	0.054 (J)	
2/15/2022	0.072 (J)	
8/26/2022	0.048 (J)	
2/27/2023	0.055 (J)	
8/9/2023	0.068 (J)	
3/1/2024	<0.02	
8/6/2024	0.049 (J)	
2/25/2025		<0.02
7/31/2025		0.15 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.057 (J)	
6/20/2016	0.04 (J)	
8/16/2016	<0.02	
10/5/2016	<0.02	
11/30/2016	<0.02	
2/8/2017	<0.02	
4/6/2017	<0.02	
6/21/2017	<0.02	
10/5/2017	<0.02	
3/21/2018	<0.02	
10/3/2018	<0.02	
3/26/2019	0.046 (J)	
9/10/2019	0.058 (J)	
3/18/2020	0.091 (J)	
9/10/2020	0.063 (J)	
4/6/2021	0.045 (J)	
8/12/2021	0.084 (J)	
2/15/2022	0.092 (J)	
8/25/2022	0.059 (J)	
2/28/2023	0.08 (J)	
8/9/2023	0.076 (J)	
3/4/2024	<0.02	
8/7/2024	0.059 (J)	
2/25/2025		<0.02
7/25/2025		0.092 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	0.121 (J)	
6/20/2016	0.04 (J)	
8/16/2016	0.13 (J)	
10/6/2016	0.1 (J)	
11/30/2016	0.13 (J)	
2/8/2017	0.093 (J)	
4/6/2017	0.1 (J)	
6/22/2017	0.11 (J)	
10/6/2017	0.096 (J)	
3/21/2018	0.094 (J)	
10/3/2018	0.1 (J)	
3/26/2019	0.087 (J)	
9/10/2019	0.097 (J)	
3/19/2020	0.038 (J)	
9/10/2020	0.1	
4/2/2021	0.097 (J)	
8/12/2021	0.11	
2/15/2022	0.13	
8/25/2022	0.077 (J)	
2/27/2023	0.075 (J)	
8/8/2023	0.1	
2/29/2024	<0.02	
8/7/2024	<0.02	
2/25/2025		<0.02
7/24/2025		0.13 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.02	
8/16/2016	<0.02	
10/6/2016	<0.02	
12/1/2016	<0.02	
2/9/2017	<0.02	
4/6/2017	<0.02	
6/21/2017	<0.02	
10/5/2017	<0.02	
3/22/2018	<0.02	
10/3/2018	<0.02	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.029 (J)	
8/12/2021	0.045 (J)	
2/15/2022	0.16	
5/12/2022	0.03 (J)	
8/25/2022	0.047 (J)	
2/28/2023	0.065 (J)	
8/8/2023	0.066 (J)	
2/29/2024	<0.02	
8/6/2024	<0.02	
2/25/2025		<0.02
7/25/2025		0.1 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.02	
8/16/2016	<0.02	
10/6/2016	<0.02	
11/30/2016	<0.02	
2/9/2017	<0.02	
4/6/2017	<0.02	
6/21/2017	<0.02	
10/6/2017	<0.02	
3/21/2018	<0.02	
10/3/2018	<0.02	
3/26/2019	0.058 (J)	
9/11/2019	0.058 (J)	
3/18/2020	0.082 (J)	
9/10/2020	0.052 (J)	
6/2/2021	0.038 (J)	
8/11/2021	0.055 (J)	
2/15/2022	0.095 (J)	
8/25/2022	0.058 (J)	
2/27/2023	0.072 (J)	
8/8/2023	0.1	
2/29/2024	<0.02	
8/7/2024	0.065 (J)	
2/24/2025		<0.02
7/31/2025		0.14 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	0.061 (J)	
6/20/2016	0.12 (J)	
8/15/2016	<0.02	
10/6/2016	<0.02	
12/1/2016	<0.02	
2/9/2017	<0.02	
4/7/2017	<0.02	
6/22/2017	<0.02	
10/6/2017	<0.02	
3/22/2018	<0.02	
10/4/2018	<0.02	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.02	
9/10/2020	0.053 (J)	
4/1/2021	0.072 (J)	
8/11/2021	0.058 (J)	
2/15/2022	0.083 (J)	
8/25/2022	0.051 (J)	
2/27/2023	0.054 (J)	
8/8/2023	0.084 (J)	
2/29/2024	<0.02	
8/6/2024	0.048 (J)	
2/24/2025		<0.02
7/24/2025		0.12 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.135 (J)	
10/10/2016	0.12 (J)	
12/1/2016	0.12 (J)	
2/9/2017	0.11 (J)	
4/7/2017	0.15 (J)	
6/21/2017	0.21	
8/15/2017	0.1 (J)	
9/1/2017	0.084 (J)	
10/9/2017	0.11 (J)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J)	
3/27/2019	0.071 (J)	
9/11/2019	0.071 (J)	
3/18/2020	0.073 (J)	
9/9/2020	0.038 (J)	
6/1/2021	0.034 (J)	
8/12/2021	0.087 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.059 (J)	
2/27/2023	0.097 (J)	
8/8/2023	0.053 (J)	
2/29/2024	<0.02	
8/6/2024	<0.02	
2/24/2025		<0.02
7/31/2025		0.17 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.083 (J)	
6/22/2016	0.03 (J)	
8/15/2016	<0.02	
10/6/2016	<0.02	
12/1/2016	<0.02	
2/8/2017	<0.02	
4/6/2017	<0.02	
6/21/2017	<0.02	
10/5/2017	0.084 (J)	
3/21/2018	<0.02	
10/2/2018	<0.02	
3/27/2019	0.066 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.096 (J)	
9/9/2020	0.067 (J)	
4/1/2021	0.072 (J)	
8/12/2021	0.085 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.064 (J)	
2/27/2023	0.07 (J)	
8/8/2023	0.088 (J)	
3/1/2024	<0.02	
8/6/2024	0.07 (J)	
2/24/2025		<0.02
7/31/2025		0.17 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.082 (J)	
6/21/2016	0.02 (J)	
8/15/2016	<0.02	
10/5/2016	<0.02	
12/1/2016	<0.02	
2/8/2017	<0.02	
4/6/2017	<0.02	
6/21/2017	<0.02	
10/5/2017	<0.02	
3/21/2018	<0.02	
10/2/2018	<0.02	
3/27/2019	0.077 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.088 (J)	
9/9/2020	0.055 (J)	
4/1/2021	0.086 (J)	
8/17/2021	0.083 (J)	
2/15/2022	0.099 (J)	
8/25/2022	0.065 (J)	
2/21/2023	0.061 (J)	
8/9/2023	0.083 (J)	
3/1/2024	<0.02	
8/6/2024	0.064 (J)	
2/24/2025		<0.02
8/1/2025		0.14 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	0.061 (J)	
6/21/2016	0.03 (J)	
8/15/2016	<0.02	
10/5/2016	<0.02	
12/1/2016	<0.02	
2/8/2017	<0.02	
4/6/2017	<0.02	
6/20/2017	<0.02	
10/5/2017	<0.02	
3/21/2018	<0.02	
10/2/2018	<0.02	
3/27/2019	0.048 (J)	
9/11/2019	0.054 (J)	
3/18/2020	0.064 (J)	
9/10/2020	0.052 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.02	
8/25/2022	0.059 (J)	
2/27/2023	0.064 (J)	
8/9/2023	0.071 (J)	
2/29/2024	<0.02	
8/6/2024	<0.02	
2/24/2025		<0.02
7/30/2025		0.091 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	0.01 (J)	
6/21/2016	<0.02	
8/15/2016	<0.02	
10/5/2016	<0.02	
12/1/2016	<0.02	
2/8/2017	<0.02	
4/5/2017	<0.02	
6/20/2017	<0.02	
10/5/2017	<0.02	
3/21/2018	<0.02	
10/2/2018	<0.02	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.02	
4/1/2021	<0.02	
8/11/2021	0.029 (J)	
2/16/2022	<0.02	
8/26/2022	0.026 (J)	
2/27/2023	0.032 (J)	
8/9/2023	<0.02	
2/29/2024	<0.02	
8/6/2024	<0.02	
2/24/2025		<0.02
7/30/2025		0.14 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.039 (J)	
6/21/2016	<0.02	
8/15/2016	<0.02	
10/7/2016	<0.02	
12/1/2016	<0.02	
2/9/2017	<0.02	
4/6/2017	<0.02	
6/22/2017	<0.02	
10/6/2017	<0.02	
3/22/2018	<0.02	
10/3/2018	<0.02	
3/26/2019	0.04 (J)	
9/11/2019	0.051 (J)	
3/18/2020	0.055 (J)	
9/10/2020	0.034 (J)	
4/6/2021	0.026 (J)	
8/11/2021	0.045 (J)	
2/16/2022	<0.02	
8/26/2022	0.055 (J)	
2/27/2023	0.055 (J)	
8/9/2023	0.06 (J)	
3/1/2024	<0.02	
8/6/2024	<0.02	
2/24/2025		<0.02
7/30/2025		0.14 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	0.027 (J)	
6/21/2016	<0.02	
8/15/2016	<0.02	
10/4/2016	<0.02	
12/1/2016	<0.02	
2/7/2017	<0.02	
4/6/2017	<0.02	
6/20/2017	<0.02	
10/5/2017	<0.02	
3/20/2018	<0.02	
10/2/2018	<0.02	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.02	
4/1/2021	<0.02	
8/11/2021	0.045 (J)	
2/16/2022	<0.02	
8/26/2022	0.068 (J)	
2/27/2023	0.047 (J)	
8/9/2023	<0.02	
3/1/2024	<0.02	
8/8/2024	<0.02	
2/25/2025		<0.02
7/31/2025		0.11 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.02 (D)	
8/11/2016	<0.02	
10/5/2016	<0.02	
11/29/2016	<0.02	
2/8/2017	<0.02	
4/6/2017	<0.02	
6/21/2017	<0.02	
10/5/2017	<0.02	
3/20/2018	<0.02	
10/2/2018	<0.02	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.02	
9/9/2020	0.045 (J)	
4/1/2021	0.041 (J)	
8/11/2021	0.062 (J)	
2/16/2022	0.034 (J)	
8/25/2022	0.047 (J)	
2/28/2023	0.12	
8/9/2023	0.066 (J)	
2/29/2024	<0.02	
8/6/2024	<0.02	
2/25/2025		<0.02
7/28/2025		0.1 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.02 (D)	
8/11/2016	<0.02	
10/5/2016	<0.02	
11/29/2016	<0.02	
2/8/2017	<0.02	
4/5/2017	<0.02	
6/21/2017	<0.02	
10/5/2017	<0.02	
3/20/2018	<0.02	
10/2/2018	<0.02	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.02	
9/9/2020	0.034 (J)	
6/1/2021	0.026 (J)	
8/11/2021	0.047 (J)	
2/16/2022	0.028 (J)	
8/25/2022	0.042 (J)	
2/28/2023	0.079 (J)	
8/8/2023	0.067 (J)	
2/29/2024	<0.02	
8/6/2024	<0.02	
2/25/2025		<0.02
7/30/2025		<0.02

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.02 (D)	
8/11/2016	<0.02	
10/5/2016	<0.02	
11/30/2016	<0.02	
2/8/2017	<0.02	
4/6/2017	<0.02	
6/21/2017	<0.02	
10/5/2017	<0.02	
3/21/2018	<0.02	
10/3/2018	<0.02	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.02	
9/10/2020	0.051 (J)	
6/1/2021	0.033 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.02	
8/25/2022	0.05 (J)	
2/28/2023	0.089 (J)	
8/8/2023	0.053 (J)	
3/1/2024	<0.02	
8/6/2024	<0.02	
2/25/2025		<0.02
7/28/2025		0.12 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	4.81	
6/18/2010	5.6	
7/28/2010	5.92	
9/9/2010	4.89	
4/30/2011	5.27	
10/28/2011	5.45	
5/2/2012	5.8	
11/9/2012	5.3	
5/8/2013	5.76	
11/5/2013	5.08	
5/20/2014	5.26 (D)	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5	
6/15/2016	5.52	
8/10/2016	5.5	
10/4/2016	5.56	
11/30/2016	5.46	
2/7/2017	5.28	
4/1/2017	5.48	
4/4/2017	5.48	
6/20/2017	5.44	
10/4/2017	5.44	
3/20/2018	5.48	
10/2/2018	5.49	
3/26/2019	5.41	
9/10/2019	5.41	
3/18/2020	5.42	
9/9/2020	5.71	
4/1/2021	5.31	
8/11/2021	5.5	
2/15/2022	5.4	
8/25/2022	5.4	
2/28/2023	5.4	
8/3/2023	5.48	
3/4/2024	5.24	
8/6/2024	5.48	
2/25/2025		5.43
7/24/2025		5.32

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	5.94	
6/16/2010	6.4	
7/27/2010	6.53	
9/7/2010	6.06	
4/29/2011	6.18	
10/28/2011	6.63	
5/2/2012	6.25	
11/9/2012	6.31	
5/8/2013	6.34	
11/6/2013	6.6	
5/20/2014	6.16 (D)	
11/8/2014	6.52	
5/22/2015	6.3	
11/9/2015	5.63	
11/11/2015	6.36	
4/6/2016	6.46	
6/15/2016	6.39	
8/10/2016	6.39	
10/4/2016	6.4	
11/29/2016	6.36	
2/7/2017	6.45	
4/4/2017	6.37	
6/20/2017	6.4	
10/5/2017	6.42	
3/20/2018	6.36	
10/2/2018	6.38	
3/26/2019	6.42	
3/18/2020	6.29	
9/9/2020	6.33	
4/1/2021	6.44	
8/11/2021	6.35	
2/15/2022	6.46	
8/25/2022	6.42	
2/28/2023	6.45	
8/3/2023	6.24	
2/28/2024	6.49	
8/6/2024	6.35	
2/25/2025		6.76
7/24/2025		6.31

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	5.2	
6/16/2010	5.93	
7/26/2010	6.03	
9/7/2010	6.23	
4/29/2011	5.68	
10/28/2011	5.89	
5/2/2012	5.74	
11/9/2012	5.75	
5/8/2013	5.53	
11/6/2013	5.92	
5/20/2014	5.635 (D)	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.96	
6/15/2016	5.96	
8/10/2016	5.94	
10/5/2016	5.86	
11/29/2016	5.82	
2/7/2017	6.15	
4/4/2017	6	
6/20/2017	6.34	
10/5/2017	5.93	
3/20/2018	5.97	
10/2/2018	6.03	
3/26/2019	6.12	
9/10/2019	6.31	
3/18/2020	6.03	
9/9/2020	6.05	
4/1/2021	6.14	
8/11/2021	6.14	
2/15/2022	6.2	
8/24/2022	6.22	
2/28/2023	6.19	
8/3/2023	6.22	
2/28/2024	6.41	
8/6/2024	6.21	
2/26/2025		6.65
7/24/2025		6.12

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	6.09	
6/17/2010	6.19	
7/27/2010	6.41	
9/9/2010	6.19	
4/28/2011	6.46	
10/29/2011	6.49	
5/3/2012	6.66	
11/9/2012	6.45	
5/9/2013	6.58	
11/5/2013	6.42	
5/23/2014	6.345 (D)	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
9/10/2019	6.51	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021	6.52	
8/18/2021	6.59	
10/18/2021	6.36	
2/15/2022	6.83	
5/12/2022	6.55	
8/24/2022	6.42	
2/27/2023	6.56	
8/9/2023	6.57	
10/4/2023	6.56	
3/1/2024	6.71	
8/6/2024	6.61	
2/25/2025		6.77
7/25/2025		6.47

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	5.89	
6/19/2010	6.14	
7/27/2010	6.42	
9/9/2010	5.79	
4/28/2011	6.74	
10/28/2011	6.62	
5/3/2012	6.53	
11/9/2012	6.42	
5/9/2013	6.97	
11/5/2013	6.66	
5/22/2014	6.515 (D)	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
9/10/2019	6.39	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021	7.32 (O)	
8/12/2021	6.41	
2/15/2022	6.61	
8/26/2022	6.37	
2/27/2023	6.41	
8/9/2023	6.6	
3/1/2024	6.5	
8/6/2024	6.7	
11/7/2024	6.45	
2/25/2025		6.49
7/31/2025		6.49

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	5.45	
6/17/2010	6.08	
7/28/2010	6.18	
9/7/2010	5.37	
4/29/2011	5.82	
10/28/2011	5.93	
5/3/2012	5.91	
11/9/2012	5.93	
5/10/2013	6.16	
11/6/2013	6.03	
5/22/2014	5.825 (D)	
11/9/2014	6.1	
5/22/2015	5.92	
11/10/2015	6.02	
11/16/2015	6.02	
4/12/2016	5.97	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
9/10/2019	5.99	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023	6	
5/2/2023	6.27	
8/9/2023	6.07	
10/4/2023	6.03	
3/4/2024	6.11	
5/20/2024	5.9	
8/7/2024	5.84	
11/7/2024	6	
2/25/2025		5.93
4/23/2025		5.88 (R)
7/25/2025		5.86

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	5.79	
6/17/2010	6.45	
7/28/2010	6.53	
9/8/2010	5.69	
4/28/2011	6.17	
10/29/2011	6.36	
5/3/2012	6.26	
11/10/2012	6.27	
5/10/2013	6.43	
11/6/2013	6.37	
5/22/2014	6.19 (D)	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44	
6/20/2016	6.33	
8/12/2016	6.29	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
9/10/2019	6.31	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19	
8/25/2022	6.19	
12/28/2022	6.2	
2/27/2023	6.17	
5/2/2023	6.13	
8/8/2023	6.3	
2/29/2024	6.31	
5/20/2024	6.08	
8/7/2024	6.12	
11/6/2024	6.15	
2/25/2025		6.17
4/22/2025		6.18 (R)
7/24/2025		6

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	5.43	
6/18/2010	6.12	
7/27/2010	6.28	
9/9/2010	5.68	
4/29/2011	5.89	
10/28/2011	6.19	
5/4/2012	6.17	
11/10/2012	6.08	
5/9/2013	5.99	
11/6/2013	5.78	
5/22/2014	5.86 (D)	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
9/11/2019	5.82	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021	6.01	
8/12/2021	5.87	
2/15/2022	6.16	
5/12/2022	5.99	
8/25/2022	5.96	
2/28/2023	6	
8/8/2023	6.16	
2/29/2024	6.25	
8/6/2024	6	
2/25/2025		6.16
7/25/2025		6.03

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	5.52	
6/18/2010	6.35	
7/27/2010	6.48	
9/9/2010	5.5	
4/30/2011	6.09	
10/29/2011	6.41	
5/4/2012	6.2	
11/10/2012	6.17	
5/9/2013	6.13	
11/7/2013	6.06	
5/21/2014	6.045 (D)	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
9/11/2019	6.23	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023	6.16	
8/8/2023	6.37	
2/29/2024	6.37	
5/20/2024	6.16	
8/7/2024	6.19	
11/6/2024	6.4	
2/24/2025		6.5
4/22/2025		6.23 (R)
7/31/2025		6.26

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	5.95	
6/18/2010	6.52	
7/28/2010	6.58	
9/9/2010	5.81	
4/30/2011	6.25	
10/29/2011	6.52	
5/4/2012	6.34	
11/10/2012	6.31	
5/9/2013	6.2	
11/7/2013	6.21	
5/21/2014	6.18 (D)	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
9/11/2019	6.35	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023	6.35	
5/2/2023	6.38	
8/8/2023	6.48	
2/29/2024	6.57	
5/7/2024	6.3	
8/6/2024	6.25	
11/6/2024	6.51	
2/24/2025		6.67
7/24/2025		6.22

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	6.93	
6/19/2010	7.08	
7/28/2010	7.05	
9/8/2010	5.93	
4/30/2011	7.11	
10/27/2011	7.08	
5/4/2012	6.39	
11/11/2012	6.24	
5/10/2013	6.46	
11/7/2013	6.59	
5/21/2014	6.685 (D)	
11/13/2014	6.55	
5/23/2015	6.36	
11/11/2015	6.36	
4/19/2016	6.4	
6/23/2016	6.35	
8/23/2016	6.29	
10/10/2016	6.3 (D)	
12/1/2016	6.37 (D)	
2/9/2017	6.39 (D)	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11	
8/15/2017	6.95	
9/1/2017	6.86	
10/9/2017	6.75	
3/22/2018	7.05	
10/4/2018	7.26	
3/27/2019	6.69	
9/11/2019	6.72	
3/18/2020	6.42	
9/9/2020	6.3	
4/5/2021	6.35	
6/1/2021	6.28	
8/12/2021	6.37	
2/15/2022	6.34	
8/25/2022	6.29	
2/27/2023	6.27	
5/2/2023	6.23	
8/8/2023	6.38	
10/4/2023	6.45	
2/29/2024	6.52	
8/6/2024	6.35	
2/24/2025		6.75
7/31/2025		6.38

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	5.99	
6/16/2010	5.97	
7/27/2010	6.69	
9/8/2010	6.15	
4/29/2011	6.31	
10/27/2011	6.72	
5/3/2012	6.74	
11/11/2012	6.59	
5/9/2013	6.67	
11/6/2013	6.38	
5/21/2014	6.355 (D)	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
9/11/2019	6.63	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62	
2/27/2023	6.57	
8/8/2023	6.63	
3/1/2024	6.82	
8/6/2024	6.47	
11/6/2024	6.58	
2/24/2025		7.14
4/22/2025		6.56 (R)
7/31/2025		6.5

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	5.97	
6/16/2010	5.82	
7/28/2010	6.47	
9/8/2010	6.08	
4/29/2011	6.3	
10/27/2011	6.47	
5/4/2012	6.5	
11/11/2012	6.21	
5/9/2013	6.51	
11/5/2013	6.07	
5/21/2014	6.125 (D)	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
9/11/2019	6.32	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021	6.35	
8/17/2021	6.45	
10/18/2021	6.25	
2/15/2022	6.48	
5/12/2022	6.31	
8/25/2022	6.2	
12/28/2022	6.36	
2/21/2023	6.33	
5/2/2023	6.3	
8/9/2023	6.3	
3/1/2024	6.47	
5/20/2024	6.28	
8/6/2024	6.22	
2/24/2025		6.27
8/1/2025		6.24

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	5.58	
6/16/2010	5.78	
7/27/2010	6.38	
9/8/2010	5.64	
4/29/2011	6.14	
10/27/2011	6.19	
5/4/2012	6.28	
11/10/2012	6	
5/9/2013	6.28	
11/6/2013	5.69	
5/20/2014	6.09 (D)	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17	
6/21/2016	6.19	
8/15/2016	6.15	
10/5/2016	6.1	
12/1/2016	6.15	
2/8/2017	5.9	
4/6/2017	6.13	
6/20/2017	6.12	
10/5/2017	6.11	
3/21/2018	6.21	
10/2/2018	6.21	
3/27/2019	6.22	
9/11/2019	6.17	
3/18/2020	6.17	
9/10/2020	6.16	
4/1/2021	6.11	
8/11/2021	6.21	
2/16/2022	6.16	
8/25/2022	6.01	
2/27/2023	6.19	
8/9/2023	6.24	
2/29/2024	6.26	
8/6/2024	6.11	
2/24/2025		6.14
7/30/2025		6.11

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	4.25	
6/18/2010	5.37	
7/27/2010	5.45	
9/8/2010	5.58	
4/29/2011	4.86	
10/28/2011	4.68	
5/3/2012	5.26	
11/10/2012	4.98	
5/9/2013	5.25	
11/6/2013	4.22	
5/20/2014	4.83 (D)	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22	
6/21/2016	5.2	
8/15/2016	5.12	
10/5/2016	5.07	
10/7/2016	5.07	
12/1/2016	5.08	
2/8/2017	4.76	
4/5/2017	5.1	
6/20/2017	5.13	
10/5/2017	5.1	
3/21/2018	5.33	
10/2/2018	5.16	
3/26/2019	5.25	
9/11/2019	5.1	
3/18/2020	5.19	
9/10/2020	5.1	
4/1/2021	5.18	
8/11/2021	5.2	
2/16/2022	5.11	
8/26/2022	5.07	
2/27/2023	5.2	
8/9/2023	5.1	
2/29/2024	5.24	
8/6/2024	5.26	
2/24/2025		5.18
7/30/2025		5.11

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	4.93	
6/18/2010	5.91	
7/29/2010	6.01	
9/9/2010	5.1	
4/26/2011	5.6	
10/28/2011	5.87	
5/4/2012	5.82	
11/11/2012	5.83	
5/8/2013	6.21	
11/7/2013	5.78	
5/20/2014	5.665 (D)	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88	
6/21/2016	5.9	
8/15/2016	5.86	
10/4/2016	5.85	
10/7/2016	5.85	
12/1/2016	5.85	
2/9/2017	5.92	
4/6/2017	5.85	
6/22/2017	5.9	
10/6/2017	5.88	
3/22/2018	5.88	
10/3/2018	5.95	
3/26/2019	5.89	
9/11/2019	5.89	
3/18/2020	5.81	
9/10/2020	5.83	
4/6/2021	5.95	
8/11/2021	5.92	
2/16/2022	5.79	
8/26/2022	5.91	
2/27/2023	5.94	
8/9/2023	5.95	
3/1/2024	5.9	
8/6/2024	5.95	
2/24/2025		5.9
7/30/2025		5.88

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	4.87	
6/18/2010	5.75	
7/28/2010	5.9	
9/9/2010	5.05	
4/30/2011	5.38	
10/28/2011	5.59	
5/3/2012	5.77	
11/10/2012	5.63	
5/8/2013	6.11	
11/5/2013	5.23	
5/20/2014	5.37 (D)	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
9/11/2019	5.59	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021	5.53	
8/11/2021	5.61	
2/16/2022	5.6	
8/26/2022	5.51	
2/27/2023	5.62	
8/9/2023	5.58	
3/1/2024	5.55	
5/7/2024	5.55	
8/8/2024	5.56	
2/25/2025		5.57
7/31/2025		5.61

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	5.76	
6/16/2010	6.38	
7/26/2010	6.52	
9/7/2010	5.74	
4/29/2011	6.19	
10/28/2011	6.39	
5/2/2012	6.22	
11/9/2012	6.3	
5/8/2013	6.07	
11/6/2013	6.45	
5/23/2014	6.09 (D)	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
9/11/2019	6.37	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021	6.37	
8/11/2021	6.43	
2/16/2022	6.54	
5/12/2022	6.39	
8/25/2022	6.45	
2/28/2023	6.36	
8/9/2023	6.41	
2/29/2024	6.51	
8/6/2024	6.3	
2/25/2025		6.69
7/28/2025		6.33

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	5.93	
6/16/2010	6.58	
7/27/2010	6.69	
9/7/2010	5.87	
4/29/2011	6.37	
10/28/2011	6.52	
5/2/2012	6.24	
11/9/2012	6.31	
5/9/2013	6.01	
11/6/2013	6.6	
5/22/2014	6.295 (D)	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
9/12/2019	6.39	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
10/7/2021	6.79	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29	
2/28/2023	6.29	
8/8/2023	6.32	
2/29/2024	6.33	
8/6/2024	6.26	
2/25/2025		6.59
4/22/2025		6.21 (R)
7/30/2025		5.34

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	6.05	
6/17/2010	6.77	
7/27/2010	6.82	
9/7/2010	5.94	
4/29/2011	6.33	
10/28/2011	6.73	
5/3/2012	6.51	
11/10/2012	6.48	
5/9/2013	6.42	
11/6/2013	6.73	
5/22/2014	6.345 (D)	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
9/12/2019	6.57	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021	6.64	
6/1/2021	6.39	
8/11/2021	6.58	
2/16/2022	6.71	
5/12/2022	6.52	
8/25/2022	6.62	
12/28/2022	6.56	
2/28/2023	6.53	
8/8/2023	6.59	
3/1/2024	6.73	
5/7/2024	6.5	
8/6/2024	6.41	
2/25/2025		6.55
7/28/2025		6.47

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	0.32 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.8 (J)	
4/4/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	1.2	
10/2/2018	<1	
3/26/2019	2.1	
9/10/2019	0.65 (J)	
3/18/2020	3.1	
9/9/2020	1.6	
4/1/2021	2.7	
8/11/2021	1.3	
2/15/2022	2.6	
8/25/2022	1.9	
2/28/2023	3.5	
8/3/2023	1.7	
3/4/2024	2.8	
8/6/2024	1.3	
2/25/2025		3.6
7/24/2025		3.2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	0.22 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/10/2019	<1	
3/18/2020	0.67 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/28/2023	1.4	
8/3/2023	0.4 (J)	
2/28/2024	<1	
8/6/2024	<1	
2/25/2025		<1
7/24/2025		1.2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.58 (J)	
9/10/2019	0.44 (J)	
3/18/2020	0.51 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/24/2022	<1	
2/28/2023	1.3	
8/3/2023	<1	
2/28/2024	<1	
8/6/2024	<1	
2/26/2025		<1
7/24/2025		0.93 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	0.72 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.92 (J)	
4/5/2017	1	
6/20/2017	0.76 (J)	
10/4/2017	<1	
3/20/2018	0.95 (J)	
10/2/2018	<1	
3/26/2019	0.53 (J)	
9/10/2019	0.69 (J)	
3/18/2020	0.84 (J)	
9/9/2020	0.77 (J)	
4/1/2021	<1	
8/18/2021	0.79 (J)	
2/15/2022	1.5	
8/24/2022	<1	
2/27/2023	1.6	
8/9/2023	0.46 (J)	
3/1/2024	0.79 (J)	
8/6/2024	<1	
2/25/2025		0.48 (J)
7/25/2025		1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	0.69 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.99 (J)	
9/10/2019	0.63 (J)	
3/18/2020	0.59 (J)	
9/9/2020	0.59 (J)	
4/1/2021	1.1	
8/12/2021	<1	
2/15/2022	0.79 (J)	
8/26/2022	1.1	
2/27/2023	1.6	
8/9/2023	0.51 (J)	
3/1/2024	1.2	
8/6/2024	0.43 (J)	
2/25/2025		0.4 (J)
7/31/2025		1.2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.419 (J)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1
3/4/2024		10
5/20/2024		0.64 (J)
8/7/2024		15
11/7/2024		18
2/25/2025		20
4/23/2025		18 (R)
7/25/2025		16

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33
8/25/2022		19
12/28/2022		32
2/27/2023		56
8/8/2023		53
2/29/2024		84
8/7/2024		73
2/25/2025		150
4/22/2025		180 (R)
7/24/2025		200

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	575 (O)	
6/22/2016	470	
8/16/2016	360	
10/6/2016	300	
12/1/2016	340	
2/9/2017	350	
4/6/2017	380	
6/21/2017	490	
10/5/2017	380	
3/22/2018	400	
10/3/2018	270	
3/27/2019	260	
9/11/2019	130	
3/18/2020	170	
9/9/2020	110	
4/1/2021	100	
8/12/2021	140	
2/15/2022	100	
8/25/2022	100	
2/28/2023	87	
8/8/2023	79	
2/29/2024	75	
8/6/2024	73	
2/25/2025		58
7/25/2025		73

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023	13	
8/8/2023	6.5	
2/29/2024	25	
5/20/2024	18	
8/7/2024	13	
2/24/2025		30
4/22/2025		38 (R)
7/31/2025		20

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<1	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/27/2023	1.4	
8/8/2023	<1	
2/29/2024	1.5	
8/6/2024	1.4	
2/24/2025		3.5
7/24/2025		6.4

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	32.7	
10/10/2016	33	
12/1/2016	31	
2/9/2017	34	
4/7/2017	37	
6/21/2017	35	
8/15/2017	42	
9/1/2017	40	
10/9/2017	40	
3/22/2018	39	
10/4/2018	30	
3/27/2019	18	
9/11/2019	32	
3/18/2020	16	
9/9/2020	11	
6/1/2021	17	
8/12/2021	27	
2/15/2022	11	
8/25/2022	22	
2/27/2023	12	
8/8/2023	7.8	
2/29/2024	18	
8/6/2024	21	
2/24/2025		21
7/31/2025		14

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	8.66	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021	9.7	
8/12/2021	9.7	
2/15/2022	7.2	
8/25/2022	19	
2/27/2023		13
8/8/2023		13
3/1/2024		17
8/6/2024		22
11/6/2024		30
2/24/2025		19
7/31/2025		16

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.51 (J)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019	1.6	
9/11/2019	1.8	
3/18/2020	2.4	
9/9/2020	2.6	
4/1/2021	2.7	
8/17/2021	1.2	
2/15/2022	3.5	
5/12/2022	2.7	
8/25/2022	3.7	
2/21/2023	4.7	
5/2/2023	4.3	
8/9/2023	2.3	
3/1/2024	4.7	
5/20/2024	3.9	
8/6/2024	4.4	
2/24/2025		4.3
8/1/2025		2.9

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/27/2019	<1	
9/11/2019	0.63 (J)	
3/18/2020	<1	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/27/2023	0.88 (J)	
8/9/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/24/2025		<1
7/30/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<1	
6/21/2016	0.2 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/26/2019	0.49 (J)	
9/11/2019	0.5 (J)	
3/18/2020	1.3	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.77 (J)	
2/27/2023	1.2	
8/9/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/24/2025		<1
7/30/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.646 (J)	
6/21/2016	0.57 (J)	
8/15/2016	<1	
10/7/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/6/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/26/2019	1.3	
9/11/2019	0.81 (J)	
3/18/2020	25 (O)	
9/10/2020	1.3	
4/6/2021	0.9 (J)	
8/11/2021	0.89 (J)	
2/16/2022	<1	
8/26/2022	1.3	
2/27/2023	1.6	
8/9/2023	1.3	
3/1/2024	1.2	
8/6/2024	<1	
2/24/2025		0.41 (J)
7/30/2025		1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/4/2016	<1	
12/1/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.64 (J)	
9/11/2019	0.5 (J)	
3/18/2020	<1	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.79 (J)	
2/27/2023	1.2	
8/9/2023	<1	
3/1/2024	<1	
8/8/2024	<1	
2/25/2025		<1
7/31/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	0.19 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.39 (J)	
9/11/2019	0.61 (J)	
3/18/2020	0.62 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.2	
8/9/2023	<1	
2/29/2024	1.8	
8/6/2024	<1	
2/25/2025		<1
7/28/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	0.23 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021	1.9	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.2	
8/8/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/25/2025		<1
7/30/2025		260

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	0.32 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/30/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.45 (J)	
9/12/2019	<1	
3/19/2020	0.71 (J)	
9/10/2020	<1	
6/1/2021	1.4	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.3	
8/8/2023	<1	
3/1/2024	0.68 (J)	
8/6/2024	<1	
2/25/2025		<1
7/28/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	38	
6/15/2016	<10	
8/10/2016	56	
10/4/2016	48	
11/30/2016	46	
2/7/2017	18	
4/4/2017	32	
6/20/2017	38	
10/4/2017	42	
3/20/2018	20	
10/2/2018	48	
3/26/2019	45	
9/10/2019	42	
3/18/2020	43	
9/9/2020	<10	
4/1/2021	55	
8/11/2021	55	
2/15/2022	42	
8/25/2022	86	
2/28/2023	50	
8/3/2023	53	
3/4/2024	41	
8/6/2024	53	
2/25/2025		52
7/24/2025		78

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	84	
6/15/2016	139	
8/10/2016	80	
10/4/2016	62	
11/29/2016	110	
2/7/2017	70	
4/4/2017	120	
6/20/2017	76	
10/5/2017	110	
3/20/2018	110	
10/2/2018	110	
3/26/2019	100	
9/10/2019	75	
3/18/2020	93	
9/9/2020	66	
4/1/2021	100	
8/11/2021	100	
2/15/2022	99	
8/25/2022	130	
2/28/2023	110	
8/3/2023	110	
2/28/2024	100	
8/6/2024	110	
2/25/2025		110
7/24/2025		180

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	61	
6/15/2016	113	
8/10/2016	74	
10/5/2016	44	
11/29/2016	58	
2/7/2017	4 (J)	
4/4/2017	78	
6/20/2017	50	
10/5/2017	64	
3/20/2018	90	
10/2/2018	90	
3/26/2019	82	
9/10/2019	51	
3/18/2020	75	
9/9/2020	64	
4/1/2021	68	
8/11/2021	94	
2/15/2022	79	
8/24/2022	110	
2/28/2023	94	
8/3/2023	85	
2/28/2024	85	
8/6/2024	86	
2/26/2025		81
7/24/2025		130

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021	120	
8/18/2021	150	
2/15/2022	120	
8/24/2022	160	
2/27/2023	160	
8/9/2023	140	
3/1/2024	150	
8/6/2024	140	
2/25/2025		150
7/25/2025		210

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	93	
6/16/2016	130	
8/11/2016	92	
10/4/2016	120	
11/30/2016	130	
2/7/2017	36	
4/6/2017	150	
6/20/2017	92	
10/4/2017	120	
3/20/2018	120	
10/2/2018	140	
3/26/2019	130	
9/10/2019	140	
3/18/2020	140	
9/9/2020	110	
4/1/2021	120	
8/12/2021	130	
2/15/2022	120	
8/26/2022	180	
2/27/2023	140	
8/9/2023	120	
3/1/2024	140	
8/6/2024	130	
2/25/2025		130
7/31/2025		140

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	92	
6/20/2016	78	
8/16/2016	76	
10/5/2016	64	
11/30/2016	82	
2/8/2017	92	
4/6/2017	88	
6/21/2017	88	
10/5/2017	86	
3/21/2018	98	
10/3/2018	60	
3/26/2019	86	
9/10/2019	66	
3/18/2020	72	
9/10/2020	59	
4/6/2021	81	
8/12/2021	89	
2/15/2022	53	
8/25/2022	110	
2/28/2023	72	
8/9/2023	88	
3/4/2024	99	
8/7/2024	100	
2/25/2025		130
7/25/2025		130

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260
8/7/2024		250
2/25/2025		350
4/22/2025		470 (R)
7/24/2025		590

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	1290	
6/22/2016	1060	
8/16/2016	880	
10/6/2016	820	
12/1/2016	900	
2/9/2017	940	
4/6/2017	1100	
6/21/2017	1200	
10/5/2017	950	
3/22/2018	1000	
10/3/2018	620	
3/27/2019	580	
9/11/2019	310	
3/18/2020	430	
9/9/2020	270	
4/1/2021	260	
8/12/2021	370	
2/15/2022	290	
8/25/2022	290	
2/28/2023	240	
8/8/2023	230	
2/29/2024	190	
8/6/2024	210	
2/25/2025		200
7/25/2025		240

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	138	
6/20/2016	154	
8/16/2016	140	
10/6/2016	150	
11/30/2016	160	
2/9/2017	160	
4/6/2017	140	
6/21/2017	150	
10/6/2017	160	
3/21/2018	170	
10/3/2018	120	
3/26/2019	130	
9/11/2019	120	
3/18/2020	140	
9/10/2020	140	
6/2/2021	140	
8/11/2021	160	
2/15/2022	140	
8/25/2022	170	
2/27/2023	150	
8/8/2023	110	
2/29/2024	160	
8/7/2024	150	
2/24/2025		160
7/31/2025		160

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	130	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021	110	
8/11/2021	130	
2/15/2022	140	
8/25/2022	150	
2/27/2023	140	
8/8/2023	130	
2/29/2024	130	
8/6/2024	130	
2/24/2025		150
7/24/2025		230

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	179	
10/10/2016	110 (O)	
12/1/2016	170	
2/9/2017	180	
4/7/2017	200	
6/21/2017	190	
8/15/2017	190	
9/1/2017	160	
10/9/2017	230	
3/22/2018	220	
10/17/2018	170	
3/27/2019	300	
9/11/2019	210	
3/18/2020	300	
9/9/2020	360	
6/1/2021	340	
8/12/2021	240	
2/15/2022	330	
8/25/2022	270	
2/27/2023	340	
8/8/2023	910 (o)	
10/4/2023	240	
2/29/2024	270	
8/6/2024	230	
2/24/2025		260
7/31/2025		280

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	135	
6/22/2016	199	
8/15/2016	120	
10/6/2016	140	
12/1/2016	160	
2/8/2017	130	
4/6/2017	140	
6/21/2017	150	
10/5/2017	170	
3/21/2018	160	
10/2/2018	34	
3/27/2019	140	
9/11/2019	130	
3/18/2020	130	
9/9/2020	150	
4/1/2021	120	
8/12/2021	150	
2/15/2022	140	
8/25/2022	180	
2/27/2023	170	
8/8/2023	150	
3/1/2024	160	
8/6/2024	170	
2/24/2025		180
7/31/2025		180

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	103	
6/21/2016	214 (O)	
8/15/2016	130	
10/5/2016	84	
12/1/2016	130	
2/8/2017	130	
4/6/2017	130	
6/21/2017	120	
10/5/2017	140	
3/21/2018	120	
10/2/2018	150	
3/27/2019	140	
9/11/2019	110	
3/18/2020	140	
9/9/2020	160	
4/1/2021	140	
8/17/2021	160	
2/15/2022	150	
8/25/2022	170	
2/21/2023	150	
8/9/2023	140	
3/1/2024	150	
8/6/2024	140	
2/24/2025		150
8/1/2025		150

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	99	
6/21/2016	293 (O)	
8/15/2016	90	
10/5/2016	70	
12/1/2016	120	
2/8/2017	86	
4/6/2017	130	
6/20/2017	86	
10/5/2017	94	
3/21/2018	100	
10/2/2018	120	
3/27/2019	100	
9/11/2019	94	
3/18/2020	100	
9/10/2020	95	
4/1/2021	90	
8/11/2021	120	
2/16/2022	79	
8/25/2022	130	
2/27/2023	120	
8/9/2023	98	
2/29/2024	110	
8/6/2024	100	
2/24/2025		110
7/30/2025		89

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<5	
6/21/2016	110	
8/15/2016	<5	
10/5/2016	<5	
12/1/2016	16	
2/8/2017	12	
4/5/2017	18	
6/20/2017	<5	
10/5/2017	28	
3/21/2018	28	
10/2/2018	38	
3/26/2019	29	
9/11/2019	14	
3/18/2020	26	
9/10/2020	13	
4/1/2021	17	
8/11/2021	18	
2/16/2022	16	
8/26/2022	29	
2/27/2023	39	
8/9/2023	27	
2/29/2024	32	
8/6/2024	28	
2/24/2025		31
7/30/2025		22

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	60	
6/21/2016	195 (O)	
8/15/2016	42	
10/7/2016	24	
12/1/2016	68	
2/9/2017	56	
4/6/2017	68	
6/22/2017	56	
10/6/2017	90	
3/22/2018	76	
10/3/2018	22	
3/26/2019	59	
9/11/2019	33	
3/18/2020	100	
9/10/2020	60	
4/6/2021	55	
8/11/2021	75	
2/16/2022	55	
8/26/2022	84	
2/27/2023	87	
8/9/2023	74	
3/1/2024	74	
8/6/2024	78	
2/24/2025		86
7/30/2025		61

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	56	
6/21/2016	68	
8/15/2016	46	
10/4/2016	60	
12/1/2016	70	
2/7/2017	40	
4/6/2017	74	
6/20/2017	34	
10/5/2017	98	
3/20/2018	42	
10/2/2018	40	
3/26/2019	60	
9/11/2019	26	
3/18/2020	57	
9/9/2020	54	
4/1/2021	43	
8/11/2021	71	
2/16/2022	46	
8/26/2022	91	
2/27/2023	70	
8/9/2023	64	
3/1/2024	63	
8/8/2024	65	
2/25/2025		66
7/31/2025		70

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021	62	
8/11/2021	98	
2/16/2022	70	
8/25/2022	130	
2/28/2023	100	
8/9/2023	95	
2/29/2024	96	
8/6/2024	95	
2/25/2025		99
7/28/2025		150

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021	130	
8/11/2021	120	
2/16/2022	110	
8/25/2022	150	
2/28/2023	130	
8/8/2023	130	
2/29/2024	130	
8/6/2024	130	
2/25/2025		140
7/30/2025		460

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:43 PM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021	120	
8/11/2021	110	
2/16/2022	110	
8/25/2022	140	
2/28/2023	120	
8/8/2023	130	
3/1/2024	130	
8/6/2024	120	
2/25/2025		110
7/28/2025		190

FIGURE F.

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**7/24/2025**	**0.19**	**Yes**	**117**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001426**	**NP Inter (normality) 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**7/24/2025**	**0.023**	**Yes**	**117**	**n/a**	**n/a**	**30.77**	**n/a**	**n/a**	**0.0001426**	**NP Inter (normality) 1 of 2**
Mercury (mg/L)	**GWC-20**	**0.0002**	**n/a**	**7/28/2025**	**0.00059**	**Yes**	**117**	**n/a**	**n/a**	**88.03**	**n/a**	**n/a**	**0.0001426**	**NP Inter (NDs) 1 of 2**
Nickel (mg/L)	**GWC-19**	**0.005**	**n/a**	**7/30/2025**	**0.007**	**Yes**	**101**	**n/a**	**n/a**	**81.19**	**n/a**	**n/a**	**0.0001884**	**NP Inter (NDs) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**7/24/2025**	**0.009**	**Yes**	**117**	**n/a**	**n/a**	**94.87**	**n/a**	**n/a**	**0.0001426**	**NP Inter (NDs) 1 of 2**
Zinc (mg/L)	**GWC-19**	**0.01**	**n/a**	**7/30/2025**	**0.014**	**Yes**	**102**	**n/a**	**n/a**	**93.14**	**n/a**	**n/a**	**0.0001855**	**NP Inter (NDs) 1 of 2**

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**7/24/2025**	**0.19**	**Yes**	**117**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001426**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	GWC-7	0.051	n/a	7/24/2025	0.048	No	117	n/a	n/a	0	n/a	n/a	0.0001426	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-19	0.051	n/a	7/30/2025	0.022	No	117	n/a	n/a	0	n/a	n/a	0.0001426	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-20	0.051	n/a	7/28/2025	0.038	No	117	n/a	n/a	0	n/a	n/a	0.0001426	NP Inter (normality) 1 of 2
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**7/24/2025**	**0.023**	**Yes**	**117**	**n/a**	**n/a**	**30.77**	**n/a**	**n/a**	**0.0001426**	**NP Inter (normality) 1 of 2**
Mercury (mg/L)	**GWC-20**	**0.0002**	**n/a**	**7/28/2025**	**0.00059**	**Yes**	**117**	**n/a**	**n/a**	**88.03**	**n/a**	**n/a**	**0.0001426**	**NP Inter (NDs) 1 of 2**
Nickel (mg/L)	**GWC-19**	**0.005**	**n/a**	**7/30/2025**	**0.007**	**Yes**	**101**	**n/a**	**n/a**	**81.19**	**n/a**	**n/a**	**0.0001884**	**NP Inter (NDs) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**7/24/2025**	**0.009**	**Yes**	**117**	**n/a**	**n/a**	**94.87**	**n/a**	**n/a**	**0.0001426**	**NP Inter (NDs) 1 of 2**
Zinc (mg/L)	**GWC-19**	**0.01**	**n/a**	**7/30/2025**	**0.014**	**Yes**	**102**	**n/a**	**n/a**	**93.14**	**n/a**	**n/a**	**0.0001855**	**NP Inter (NDs) 1 of 2**

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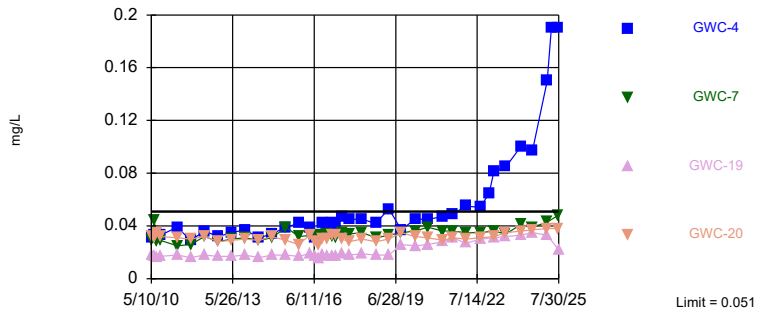
Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 117 background values. Annual per-constituent alpha = 0.004838. Individual comparison alpha = 0.0001426 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: Barium Analysis Run 9/9/2025 2:33 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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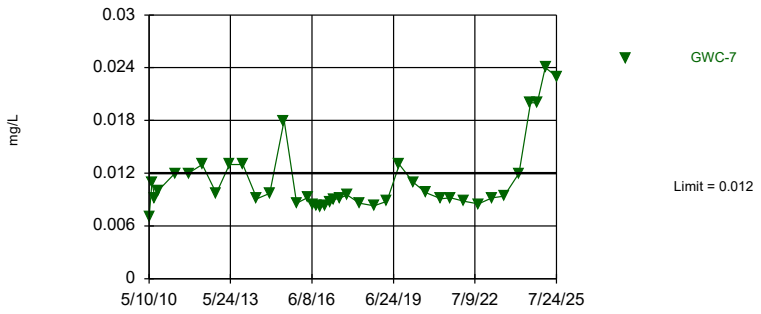
Exceeds Limit: GWC-7

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 117 background values. 30.77% NDs. Annual per-constituent alpha = 0.004838. Individual comparison alpha = 0.0001426 (1 of 2). Assumes 16 future values.

Constituent: Chromium Analysis Run 9/9/2025 2:33 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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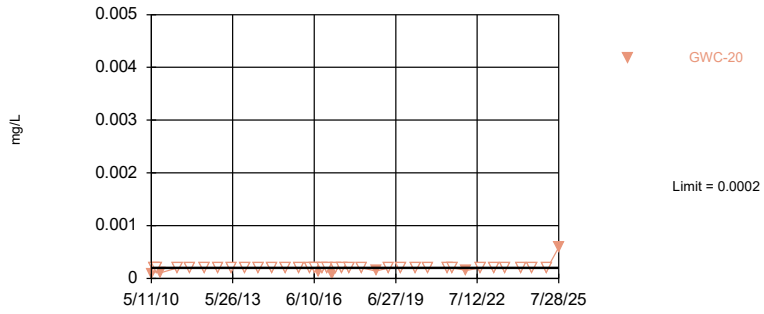
Hollow symbols indicate censored values.

Exceeds Limit: GWC-20

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 117 background values. 88.03% NDs. Annual per-constituent alpha = 0.004838. Individual comparison alpha = 0.0001426 (1 of 2). Assumes 16 future values.

Constituent: Mercury Analysis Run 9/9/2025 2:33 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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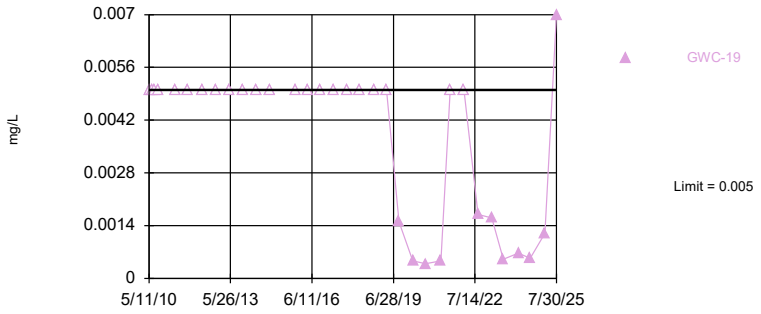
Hollow symbols indicate censored values.

Exceeds Limit: GWC-19

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 101 background values. 81.19% NDs. Annual per-constituent alpha = 0.006385. Individual comparison alpha = 0.0001884 (1 of 2). Assumes 16 future values.

Constituent: Nickel Analysis Run 9/9/2025 2:33 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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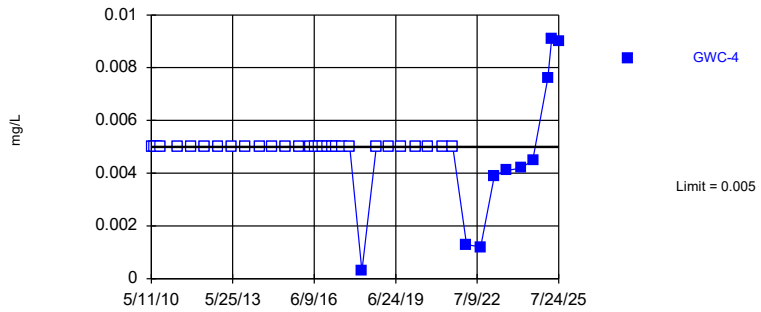
Hollow symbols indicate censored values.

Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 117 background values. 94.87% NDs. Annual per-constituent alpha = 0.004838. Individual comparison alpha = 0.0001426 (1 of 2). Assumes 16 future values.

Constituent: Selenium Analysis Run 9/9/2025 2:33 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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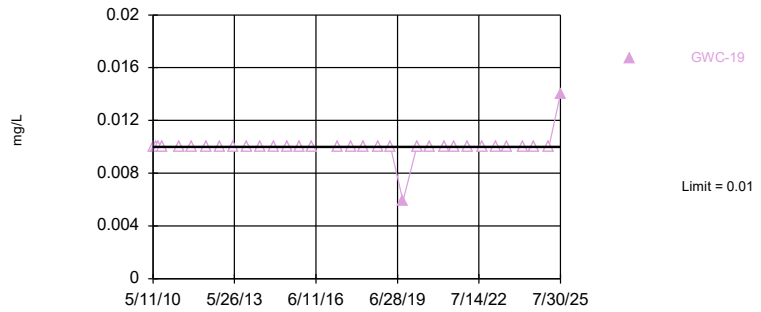
Hollow symbols indicate censored values.

Exceeds Limit: GWC-19

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 102 background values. 93.14% NDs. Annual per-constituent alpha = 0.006288. Individual comparison alpha = 0.0001855 (1 of 2). Assumes 16 future values.

Constituent: Zinc Analysis Run 9/9/2025 2:33 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-7	GWC-20	GWC-19	GWC-4
5/8/2010	0.048 (J)						
5/9/2010		0.01 (J)	0.031 (J)				
5/10/2010				0.029 (J)			
5/11/2010					0.032 (J)	0.018 (J)	0.031 (J)
6/16/2010	0.044 (J)		0.029 (J)			0.017 (J)	
6/17/2010					0.031 (J)		0.033 (J)
6/18/2010		0.01 (J)		0.044 (J)			
7/26/2010	0.042 (J)						
7/27/2010			0.029 (J)		0.035 (J)	0.016 (J)	
7/28/2010		0.011 (J)		0.028 (J)			0.033 (J)
9/7/2010	0.04 (J)		0.028 (J)		0.032 (J)	0.017 (J)	
9/8/2010							0.033 (J)
9/9/2010		0.011 (J)		0.029 (J)			
4/28/2011							0.039 (J)
4/29/2011	0.038 (J)		0.026 (J)		0.031 (J)	0.018 (J)	
4/30/2011		0.0091 (J)		0.025 (J)			
10/28/2011	0.034	0.0096 (J)	0.025		0.03	0.016	
10/29/2011				0.026			0.029
5/2/2012	0.03	0.012	0.025			0.018	
5/3/2012					0.032		0.036
5/4/2012				0.032			
11/9/2012	0.039	0.012	0.028			0.017	
11/10/2012				0.028	0.028		0.032
5/8/2013	0.034	0.01	0.029				
5/9/2013				0.03	0.029	0.017	
5/10/2013							0.035
11/5/2013		0.0098 (J)					
11/6/2013	0.032		0.026		0.03	0.018	0.037
11/7/2013				0.031			
5/20/2014	0.03	0.0081 (J)	0.025				
5/21/2014				0.029			
5/22/2014					0.029	0.016	0.031
11/8/2014	0.031		0.026			0.018	
11/9/2014					0.032		0.034
11/12/2014		0.0098 (J)		0.031			
5/22/2015	0.033	0.0088 (J)	0.026		0.029	0.018	0.039
5/24/2015				0.039			
11/9/2015	0.034		0.024				
11/10/2015					0.026	0.017	
11/11/2015		0.011		0.032			0.042
4/6/2016	0.0347	0.00959 (J)	0.026				
4/11/2016						0.0191	
4/12/2016					0.033		0.0386
4/13/2016				0.0328			
6/15/2016	0.029	0.0091 (J)	0.023				
6/16/2016					0.028	0.017	
6/20/2016				0.03			0.031
8/10/2016	0.027	0.009	0.022				
8/11/2016					0.026	0.015	
8/12/2016							0.033
8/15/2016				0.033			
10/4/2016		0.0092	0.024				

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-7	GWC-20	GWC-19	GWC-4
10/5/2016	0.029				0.03	0.018	
10/6/2016				0.032			0.042
11/29/2016	0.024		0.023			0.017	
11/30/2016		0.011			0.03		0.04
12/1/2016				0.034			
2/7/2017	0.029	0.0099	0.024				
2/8/2017					0.033	0.017	0.042
2/9/2017				0.032			
4/4/2017	0.03	0.0092	0.022				
4/5/2017						0.017	
4/6/2017					0.033		0.041
4/7/2017				0.031			
6/20/2017	0.036	0.0099	0.025				
6/21/2017					0.03	0.019	
6/22/2017				0.035			0.047
10/4/2017		0.0098					
10/5/2017	0.027		0.023		0.028	0.018	
10/6/2017				0.034			0.045
3/20/2018	0.027	0.01	0.023			0.019	
3/21/2018					0.03		0.045
3/22/2018				0.035			
10/2/2018	0.027	0.0099	0.023			0.018	
10/3/2018					0.028		0.042
10/4/2018				0.031			
3/26/2019	0.031	0.0099	0.024		0.03	0.018	0.053
3/27/2019				0.033			
9/10/2019	0.051	0.011	0.039				0.037
9/11/2019				0.035			
9/12/2019					0.035	0.026	
3/18/2020	0.031	0.01	0.027				
3/19/2020				0.036	0.032	0.025	0.045
9/9/2020	0.033	0.01	0.024			0.026	
9/10/2020				0.039	0.031		0.045
4/1/2021	0.029	0.0092 (J)	0.024	0.036			
4/2/2021							0.047
4/5/2021					0.029	0.028	
8/11/2021	0.029	0.01	0.023	0.036	0.031	0.031	
8/12/2021							0.049
2/15/2022	0.031	0.012	0.024	0.035			0.055
2/16/2022					0.03	0.027	
8/24/2022	0.031						
8/25/2022		0.012	0.025	0.035	0.031	0.03	0.054
12/28/2022							0.065
2/27/2023				0.036			0.081
2/28/2023	0.03	0.01	0.025		0.032	0.031	
8/3/2023	0.027	0.01	0.026				
8/8/2023				0.034	0.035	0.032	0.085
2/28/2024	0.032		0.03				
2/29/2024				0.041		0.033	0.1
3/1/2024					0.036		
3/4/2024		0.01					
8/6/2024	0.033	0.01	0.031	0.039	0.037	0.035	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-7	GWC-20	GWC-19	GWC-4
8/7/2024							0.097
2/24/2025				0.043			
2/25/2025		0.013	0.028		0.038	0.033	0.15
2/26/2025	0.027						
4/22/2025							0.19 (R)
7/24/2025	0.031	0.013	0.032	0.048			0.19
7/28/2025					0.038		
7/30/2025						0.022	

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
5/8/2010	0.0032 (J)			
5/9/2010		0.003 (J)	<0.005	
5/10/2010				0.007
6/16/2010	0.0037 (J)	0.0042 (J)		
6/18/2010			<0.005	0.011
7/26/2010	0.0058			
7/27/2010		0.0048 (J)		
7/28/2010			<0.005	0.0092
9/7/2010	0.0078	0.0037 (J)		
9/9/2010			<0.005	0.01
4/29/2011	0.005	0.0046 (J)		
4/30/2011			<0.005	0.012
10/28/2011	0.0068	0.005	<0.005	
10/29/2011				0.012
5/2/2012	0.0065	0.0052	<0.005	
5/4/2012				0.013
11/9/2012	0.006	0.0054	<0.005	
11/10/2012				0.0097
5/8/2013	0.0074	0.0058	<0.005	
5/9/2013				0.013
11/5/2013			0.0036 (J)	
11/6/2013	0.0082 (J)	0.0062 (J)		
11/7/2013				0.013
5/20/2014	0.0051 (J)	0.0047 (J)	<0.005	
5/21/2014				0.0091 (J)
11/8/2014	0.0074 (J)	0.0064 (J)		
11/12/2014			<0.005	0.0097 (J)
5/22/2015	0.0084 (J)	0.0059 (J)	<0.005	
5/24/2015				0.018
11/9/2015	0.009 (J)	0.0043 (J)		
11/11/2015			<0.005	0.0086 (J)
4/6/2016	0.00779 (J)	0.00457 (J)	<0.005	
4/13/2016				0.00924 (J)
6/15/2016	0.0072 (J)	0.0042 (J)	0.00029 (J)	
6/20/2016				0.0084 (J)
8/10/2016	0.0068	0.0042	<0.005	
8/15/2016				0.0083
10/4/2016		0.0052	<0.005	
10/5/2016	0.0076			
10/6/2016				0.0081
11/29/2016	0.0045	0.004		
11/30/2016			<0.005	
12/1/2016				0.0083
2/7/2017	0.0067	0.004	<0.005	
2/9/2017				0.0087
4/4/2017	0.0079	0.0021 (J)	<0.005	
4/7/2017				0.009
6/20/2017	0.0084	0.0046	<0.005	
6/22/2017				0.0092
10/4/2017			<0.005	
10/5/2017	0.0061	0.005		
10/6/2017				0.0095

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
3/20/2018	0.006	0.0044	<0.005	
3/22/2018				0.0086
10/2/2018	0.0061	0.0043	<0.005	
10/4/2018				0.0083
3/26/2019	0.0065	0.0046	<0.005	
3/27/2019				0.0088
9/10/2019	0.012	0.0076	0.0023 (J)	
9/11/2019				0.013
3/18/2020	0.0083	0.0044	<0.005	
3/19/2020				0.011
9/9/2020	0.0088	0.005	<0.005	
9/10/2020				0.0098
4/1/2021	0.0082	0.0053	<0.005	0.0091
8/11/2021	0.0089	0.0059	<0.005	0.0092
2/15/2022	0.0084	0.0056	<0.005	0.0088
8/24/2022	0.0076			
8/25/2022		0.0056	<0.005	0.0085
2/27/2023				0.0092
2/28/2023	0.0083	0.0061	<0.005	
8/3/2023	0.0089	0.0073	<0.005	
8/8/2023				0.0094
2/28/2024	0.0096	0.0071		
2/29/2024				0.012
3/4/2024			<0.005	
8/6/2024	0.0086	0.008	<0.005	0.02
11/6/2024				0.02
2/24/2025				0.024
2/25/2025		0.0068	<0.005	
2/26/2025	0.0083			
7/24/2025	0.0085	0.0082	<0.005	0.023

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-20
5/8/2010	<0.0002			
5/9/2010		<0.0002	<0.0002	
5/11/2010				8.5E-05 (J)
6/16/2010	<0.0002	<0.0002		
6/17/2010				<0.0002
6/18/2010			<0.0002	
7/26/2010	<0.0002			
7/27/2010		<0.0002		<0.0002
7/28/2010			<0.0002	
9/7/2010	7.8E-05 (J)	7.4E-05 (J)		0.0001 (J)
9/9/2010			<0.0002	
4/29/2011	<0.0002	<0.0002		<0.0002
4/30/2011			<0.0002	
10/28/2011	<0.0002	<0.0002	<0.0002	<0.0002
5/2/2012	<0.0002	<0.0002	<0.0002	
5/3/2012				<0.0002
11/9/2012	<0.0002	<0.0002	<0.0002	
11/10/2012				<0.0002
5/8/2013	<0.0002	8E-05 (J)	7E-05 (J)	
5/9/2013				<0.0002
11/5/2013			<0.0002	
11/6/2013	0.00011 (J)	0.00014 (J)		<0.0002
5/20/2014	<0.0002	<0.0002	<0.0002	
5/22/2014				<0.0002
11/8/2014	<0.0002	<0.0002		
11/9/2014				<0.0002
11/12/2014			<0.0002	
5/22/2015	7.1E-05 (J)	<0.0002	7.2E-05 (J)	<0.0002
11/9/2015	<0.0002	<0.0002		
11/10/2015				<0.0002
11/11/2015			<0.0002	
4/6/2016	<0.0002	<0.0002	<0.0002	
4/12/2016				<0.0002
6/15/2016	<0.0002	<0.0002	<0.0002	
6/16/2016				<0.0002
8/10/2016	0.00011 (J)	<0.0002	9.3E-05 (J)	
8/11/2016				0.00012 (J)
10/4/2016		<0.0002	<0.0002	
10/5/2016	<0.0002			<0.0002
11/29/2016	<0.0002	<0.0002		
11/30/2016			<0.0002	<0.0002
2/7/2017	<0.0002	<0.0002	<0.0002	
2/8/2017				7.5E-05 (J)
4/4/2017	<0.0002	<0.0002	<0.0002	
4/6/2017				<0.0002
6/20/2017	<0.0002	<0.0002	<0.0002	
6/21/2017				<0.0002
10/4/2017			<0.0002	
10/5/2017	<0.0002	<0.0002		<0.0002
3/20/2018	0.00014 (J)	<0.0002	<0.0002	
3/21/2018				<0.0002
10/2/2018	0.000139 (JD)	0.00012 (J)	0.000138 (JD)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-20
10/3/2018				0.0001415 (JD)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2019	<0.0002	<0.0002	<0.0002	
9/12/2019				<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	
3/19/2020				<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002	
9/10/2020				<0.0002
4/1/2021	<0.0002	<0.0002	<0.0002	
6/1/2021				<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002	<0.0002
2/15/2022	<0.0002	<0.0002	<0.0002	
2/16/2022				0.00015 (J)
8/24/2022	<0.0002			
8/25/2022		<0.0002	<0.0002	<0.0002
2/28/2023	<0.0002	<0.0002	<0.0002	<0.0002
8/3/2023	<0.0002	<0.0002	<0.0002	
8/8/2023				<0.0002
2/28/2024	<0.0002	<0.0002		
3/1/2024				<0.0002
3/4/2024			<0.0002	
8/6/2024	<0.0002	<0.0002	<0.0002	<0.0002
2/25/2025		<0.0002	<0.0002	<0.0002
2/26/2025	<0.0002			
7/24/2025	<0.0002	<0.0002	<0.0002	
7/28/2025				0.00059

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-19
5/8/2010	<0.005			
5/9/2010		<0.005	<0.005	
5/11/2010				<0.005
6/16/2010	<0.005	<0.005		<0.005
6/18/2010			<0.005	
7/26/2010	<0.005			
7/27/2010		<0.005		<0.005
7/28/2010			<0.005	
9/7/2010	<0.005	<0.005		<0.005
9/9/2010			<0.005	
4/29/2011	<0.005	<0.005		<0.005
4/30/2011			<0.005	
10/28/2011	<0.005	<0.005	<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005	<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005
5/8/2013	<0.005	<0.005	<0.005	
5/9/2013				<0.005
11/5/2013			<0.005	
11/6/2013	<0.005	<0.005		<0.005
5/20/2014	<0.005	<0.005	<0.005	
5/22/2014				<0.005
11/8/2014	<0.005	<0.005		<0.005
11/12/2014			<0.005	
5/22/2015	<0.005	<0.005	<0.005	0.01 (O)
11/9/2015	<0.005	<0.005		
11/10/2015				<0.005
11/11/2015			<0.005	
4/6/2016	<0.005	<0.005	0.00202 (J)	
4/11/2016				<0.005
10/4/2016		<0.005	<0.005	
10/5/2016	<0.005			<0.005
4/4/2017	<0.005	<0.005	<0.005	
4/5/2017				<0.005
10/4/2017			<0.005	
10/5/2017	<0.005	<0.005		<0.005
3/20/2018	<0.005	0.04 (O)	<0.005	<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005
9/10/2019	0.0012	0.00037 (J)	0.00081 (J)	
9/12/2019				0.0015
3/18/2020	<0.005	<0.005	0.00043 (J)	
3/19/2020				0.00047 (J)
9/9/2020	0.00048 (J)	<0.005	0.00069 (J)	0.00039 (J)
4/1/2021	0.0004 (J)	<0.005	0.00049 (J)	
4/5/2021				0.00047 (J)
8/11/2021	<0.005	<0.005	0.00051 (J)	<0.005
2/15/2022	<0.005	<0.005	0.00065 (J)	
2/16/2022				<0.005
8/24/2022	0.00082 (J)			
8/25/2022		<0.005	0.001	0.0017
2/28/2023	<0.005	<0.005	0.00057 (J)	0.0016
8/3/2023	<0.005	<0.005	0.00099 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-19
8/8/2023				0.00051 (J)
2/28/2024	<0.005	<0.005		
2/29/2024				0.00067 (J)
3/4/2024			<0.005	
8/6/2024	<0.005	<0.005	0.00085 (J)	0.00053 (J)
2/25/2025		<0.005	0.00072 (J)	0.0012
2/26/2025	<0.005			
7/24/2025	0.00059 (J)	<0.005	0.00076 (J)	
7/30/2025				0.007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	<0.005			
5/9/2010		<0.005	<0.005	
5/11/2010				<0.005
6/16/2010	<0.005	<0.005		
6/17/2010				<0.005
6/18/2010			<0.005	
7/26/2010	<0.005			
7/27/2010		<0.005		
7/28/2010			<0.005	<0.005
9/7/2010	<0.005	<0.005		
9/8/2010				<0.005
9/9/2010			<0.005	
4/28/2011				<0.005
4/29/2011	<0.005	<0.005		
4/30/2011			<0.005	
10/28/2011	<0.005	<0.005	<0.005	
10/29/2011				<0.005
5/2/2012	<0.005	<0.005	<0.005	
5/3/2012				<0.005
11/9/2012	<0.005	<0.005	<0.005	
11/10/2012				<0.005
5/8/2013	0.0044 (J)	<0.005	<0.005	
5/10/2013				<0.005
11/5/2013			<0.005	
11/6/2013	<0.005	<0.005		<0.005
5/20/2014	<0.005	<0.005	<0.005	
5/22/2014				<0.005
11/8/2014	<0.005	<0.005		
11/9/2014				<0.005
11/12/2014			<0.005	
5/22/2015	<0.005	<0.005	<0.005	<0.005
11/9/2015	<0.005	0.0043 (J)		
11/11/2015			<0.005	<0.005
4/6/2016	<0.005	<0.005	<0.005	
4/12/2016				<0.005
6/15/2016	<0.005	<0.005	<0.005	
6/20/2016				<0.005
8/10/2016	<0.005	<0.005	<0.005	
8/12/2016				<0.005
10/4/2016		<0.005	<0.005	
10/5/2016	<0.005			
10/6/2016				<0.005
11/29/2016	<0.005	0.00024 (J)		
11/30/2016			<0.005	<0.005
2/7/2017	<0.005	<0.005	<0.005	
2/8/2017				<0.005
4/4/2017	<0.005	0.0017	0.00067 (J)	
4/6/2017				<0.005
6/20/2017	<0.005	<0.005	<0.005	
6/22/2017				<0.005
10/4/2017			<0.005	
10/5/2017	0.00027 (J)	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				<0.005
3/20/2018	<0.005	<0.005	<0.005	
3/21/2018				0.00029 (J)
10/2/2018	<0.005	<0.005	<0.005	
10/3/2018				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	
3/19/2020				<0.005
9/9/2020	<0.005	<0.005	<0.005	
9/10/2020				<0.005
4/1/2021	<0.005	<0.005	<0.005	
4/2/2021				<0.005
8/11/2021	<0.005	<0.005	<0.005	
8/12/2021				<0.005
2/15/2022	<0.005	<0.005	<0.005	0.0013 (J)
8/24/2022	<0.005			
8/25/2022		<0.005	<0.005	0.0012 (J)
2/27/2023				0.0039 (J)
2/28/2023	<0.005	<0.005	<0.005	
8/3/2023	<0.005	<0.005	<0.005	
8/8/2023				0.0041 (J)
2/28/2024	<0.005	<0.005		
2/29/2024				0.0042 (J)
3/4/2024			<0.005	
8/6/2024	<0.005	<0.005	<0.005	
8/7/2024				0.0045 (J)
2/25/2025		<0.005	<0.005	0.0076
2/26/2025	<0.005			
4/22/2025				0.0091 (R)
7/24/2025	<0.005	<0.005	<0.005	0.009

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-19
5/8/2010	<0.01			
5/9/2010		<0.01	<0.01	
5/11/2010				<0.01
6/16/2010	<0.01	<0.01		<0.01
6/18/2010			<0.01	
7/26/2010	<0.01			
7/27/2010		<0.01		<0.01
7/28/2010			<0.01	
9/7/2010	<0.01	<0.01		<0.01
9/9/2010			<0.01	
4/29/2011	<0.01	<0.01		<0.01
4/30/2011			<0.01	
10/28/2011	<0.01	<0.01	<0.01	<0.01
5/2/2012	<0.01	<0.01	<0.01	<0.01
11/9/2012	<0.01	<0.01	<0.01	<0.01
5/8/2013	<0.01	<0.01	<0.01	
5/9/2013				<0.01
11/5/2013			<0.01	
11/6/2013	<0.01	<0.01		<0.01
5/20/2014	<0.01	<0.01	<0.01	
5/22/2014				<0.01
11/8/2014	<0.01	<0.01		<0.01
11/12/2014			<0.01	
5/22/2015	<0.01	<0.01	<0.01	<0.01
11/9/2015	<0.01	<0.01		
11/10/2015				<0.01
11/11/2015			<0.01	
4/6/2016	0.00274 (J)	<0.01	<0.01	
4/11/2016				<0.01
10/4/2016		<0.01	<0.01	
10/5/2016	0.0073 (J)			0.0085 (JO)
4/4/2017	<0.01	<0.01	<0.01	
4/5/2017				<0.01
10/4/2017			<0.01	
10/5/2017	<0.01	<0.01		<0.01
3/20/2018	<0.01	<0.01	<0.01	<0.01
10/2/2018	<0.01	<0.01	<0.01	<0.01
3/26/2019	<0.01	<0.01	<0.01	<0.01
9/10/2019	0.0084	0.0047 (J)	0.006	
9/12/2019				0.0059
3/18/2020	<0.01	<0.01	<0.01	
3/19/2020				<0.01
9/9/2020	<0.01	<0.01	<0.01	<0.01
4/1/2021	<0.01	<0.01	<0.01	
4/5/2021				<0.01
8/11/2021	<0.01	<0.01	<0.01	<0.01
2/15/2022	<0.01	<0.01	<0.01	
2/16/2022				<0.01
8/24/2022	<0.01			
8/25/2022		<0.01	<0.01	<0.01
2/28/2023	<0.01	<0.01	<0.01	<0.01
8/3/2023	<0.01	0.0035 (J)	<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/9/2025 2:34 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-19
8/8/2023				<0.01
2/28/2024	<0.01	<0.01		
2/29/2024				<0.01
3/4/2024			<0.01	
8/6/2024	<0.01	<0.01	<0.01	<0.01
2/25/2025		<0.01	0.0034 (J)	<0.01
2/26/2025	<0.01			
7/24/2025	<0.01	<0.01	<0.01	
7/30/2025				0.014

ND substitution: RL or RL/2 if <15% NDs.

FIGURE G.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:50 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-19	0.08	n/a	7/30/2025	1.9	Yes	75	n/a	n/a	96	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-4	15	n/a	7/24/2025	59	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	7/24/2025	18	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	7/30/2025	40	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	7/28/2025	18	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	7/24/2025	48	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-7	7.2	n/a	7/24/2025	9.5	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	7.2	n/a	7/30/2025	10	Yes	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.6	n/a	7/25/2025	16	Yes	75	n/a	n/a	61.33	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.6	n/a	7/24/2025	200	Yes	75	n/a	n/a	61.33	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-7	3.6	n/a	7/24/2025	6.4	Yes	75	n/a	n/a	61.33	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	3.6	n/a	7/30/2025	260	Yes	75	n/a	n/a	61.33	n/a	n/a	0.000337	NP Inter (NDs) 1 of 2
TDS (mg/L)	GWC-1	144.4	n/a	7/25/2025	210	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-4	144.4	n/a	7/24/2025	590	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-7	144.4	n/a	7/24/2025	230	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-18	144.4	n/a	7/28/2025	150	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-19	144.4	n/a	7/30/2025	460	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	GWC-20	144.4	n/a	7/28/2025	190	Yes	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**GWC-19**	**0.08**	**n/a**	**7/30/2025**	**1.9**	**Yes**	**75**	**n/a**	**n/a**	**96**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**7/24/2025**	**59**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-7**	**15**	**n/a**	**7/24/2025**	**18**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**7/30/2025**	**40**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**15**	**n/a**	**7/28/2025**	**18**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**7/24/2025**	**48**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-7**	**7.2**	**n/a**	**7/24/2025**	**9.5**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-19**	**7.2**	**n/a**	**7/30/2025**	**10**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	GWC-20	7.2	n/a	7/28/2025	2.6	No	75	n/a	n/a	0	n/a	n/a	0.000337	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-19	6.76	4.81	7/30/2025	5.34	No	118	n/a	n/a	0	n/a	n/a	0.0002795	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**7/25/2025**	**16**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**7/24/2025**	**200**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-7**	**3.6**	**n/a**	**7/24/2025**	**6.4**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-19**	**3.6**	**n/a**	**7/30/2025**	**260**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	**GWC-1**	**144.4**	**n/a**	**7/25/2025**	**210**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	GWC-3	144.4	n/a	7/25/2025	130	No	75	74.07	33.22	2.667	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	**GWC-4**	**144.4**	**n/a**	**7/24/2025**	**590**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-7**	**144.4**	**n/a**	**7/24/2025**	**230**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-18**	**144.4**	**n/a**	**7/28/2025**	**150**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-19**	**144.4**	**n/a**	**7/30/2025**	**460**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-20**	**144.4**	**n/a**	**7/28/2025**	**190**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

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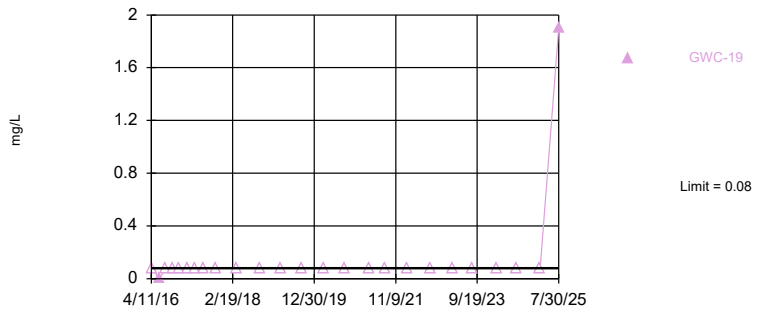
Hollow symbols indicate censored values.

Exceeds Limit: GWC-19

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 75 background values. 96% NDs. Annual per-constituent alpha = 0.0114. Individual comparison alpha = 0.000337 (1 of 2). Assumes 16 future values.

Constituent: Boron Analysis Run 9/9/2025 2:49 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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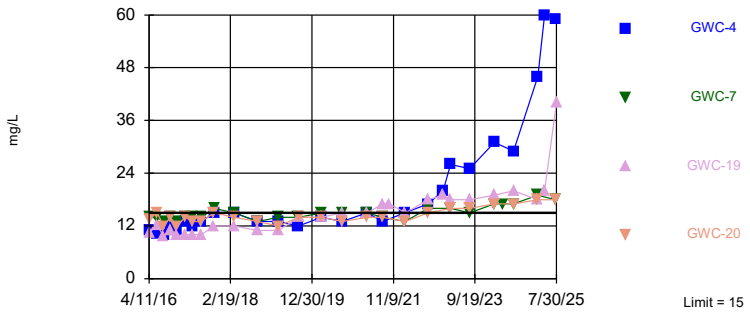
Exceeds Limit: GWC-4, GWC-7, GWC-19, GWC-20

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 75 background values. Annual per-constituent alpha = 0.0114. Individual comparison alpha = 0.000337 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: Calcium Analysis Run 9/9/2025 2:49 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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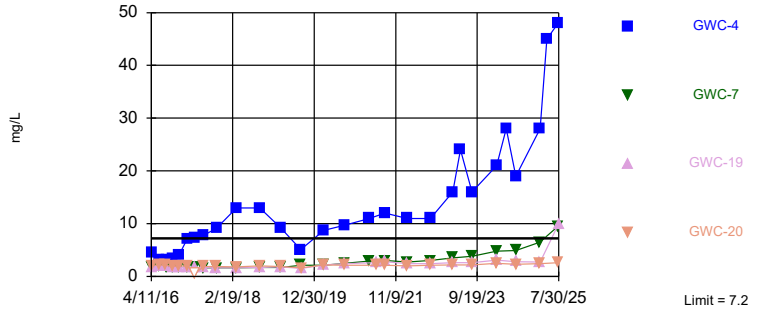
Hollow symbols indicate censored values.

Exceeds Limit: GWC-4, GWC-7, GWC-19

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 75 background values. Annual per-constituent alpha = 0.0114. Individual comparison alpha = 0.000337 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: Chloride Analysis Run 9/9/2025 2:49 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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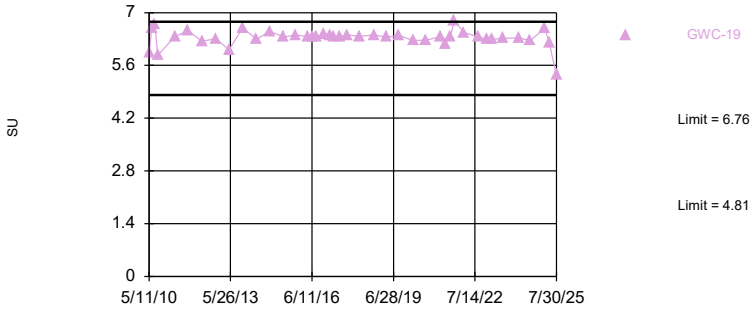
Within Limits

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 118 background values. Annual per-constituent alpha = 0.009482. Individual comparison alpha = 0.0002795 (1 of 2). Assumes 16 future values.

Constituent: pH, Field Analysis Run 9/9/2025 2:49 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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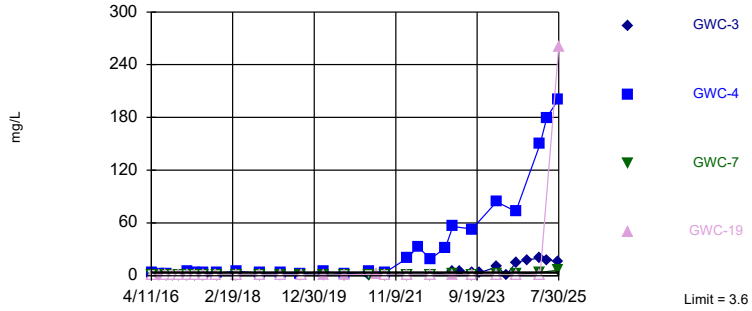
Hollow symbols indicate censored values.

Exceeds Limit: GWC-3, GWC-4, GWC-7, GWC-19

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 75 background values. 61.33% NDs. Annual per-constituent alpha = 0.0114. Individual comparison alpha = 0.000337 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: Sulfate Analysis Run 9/9/2025 2:49 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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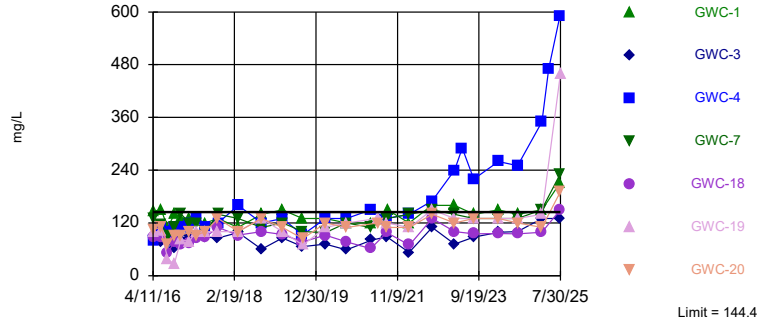
Exceeds Limit: GWC-1, GWC-4, GWC-7, GWC-18, GWC-19, GWC-20

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=74.07, Std. Dev.=33.22, n=75, 2.667% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9765, critical = 0.956. Kappa = 2.117 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Comparing 7 points to limit. Assumes 10 future values.

Constituent: TDS Analysis Run 9/9/2025 2:49 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19
4/6/2016	<0.08	<0.08	<0.08	
4/11/2016				<0.08
6/15/2016	0.0031 (J)	0.0028 (J)	<0.08	
6/16/2016				0.0026 (J)
8/10/2016	<0.08	<0.08	<0.08	
8/11/2016				<0.08
10/4/2016	<0.08		<0.08	
10/5/2016		<0.08		<0.08
11/29/2016		<0.08	<0.08	<0.08
11/30/2016	<0.08			
2/7/2017	<0.08	<0.08	<0.08	
2/8/2017				<0.08
4/4/2017	<0.08	<0.08	<0.08	
4/5/2017				<0.08
6/20/2017	<0.08	<0.08	<0.08	
6/21/2017				<0.08
10/4/2017	<0.08			
10/5/2017		<0.08	<0.08	<0.08
3/20/2018	<0.08	<0.08	<0.08	<0.08
10/2/2018	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08
9/10/2019	<0.08	<0.08	<0.08	
9/12/2019				<0.08
3/18/2020	<0.08	<0.08	<0.08	
3/19/2020				<0.08
9/9/2020	<0.08	<0.08	<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08	
4/5/2021				<0.08
8/11/2021	<0.08	<0.08	<0.08	<0.08
2/15/2022	<0.08	<0.08	<0.08	
2/16/2022				<0.08
8/24/2022		<0.08		
8/25/2022	<0.08		<0.08	<0.08
2/28/2023	<0.08	<0.08	<0.08	<0.08
8/3/2023	0.03 (J)	<0.08	<0.08	
8/8/2023				<0.08
2/28/2024		<0.08	<0.08	
2/29/2024				<0.08
3/4/2024	<0.08			
8/6/2024	<0.08	<0.08	<0.08	<0.08
2/25/2025	<0.08		<0.08	<0.08
2/26/2025		<0.08		
7/24/2025	<0.08	<0.08	<0.08	
7/30/2025				1.9

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-19	GWC-20	GWC-4	GWC-7
4/6/2016	3.62	12.1	6.58				
4/11/2016				10.4			
4/12/2016					13.5	11	
4/13/2016							14
6/15/2016	4.5	11.8	6.9				
6/16/2016				12.2	15		
6/20/2016						10.1	13.8
8/10/2016	3.8	10	5.5				
8/11/2016				9.5	12		
8/12/2016						9.9	
8/15/2016							13
10/4/2016	5.3	14					
10/5/2016			6.8	11	14		
10/6/2016						12	14
11/29/2016		10	4.8	9.8			
11/30/2016	4.7				12	11	
12/1/2016							13
2/7/2017	3.8	12	7.8				
2/8/2017				10	14	13	
2/9/2017							14
4/4/2017	3.8	11	6.4				
4/5/2017				10			
4/6/2017					13	12	
4/7/2017							14
6/20/2017	4.1	11	7				
6/21/2017				10	13		
6/22/2017						13	14
10/4/2017	4.6						
10/5/2017		13	6.6	12	15		
10/6/2017						15	16
3/20/2018	4.2	12	6.6	12			
3/21/2018					14	15	
3/22/2018							15
10/2/2018	4.2	11	5.8	11			
10/3/2018					13	13	
10/4/2018							13
3/26/2019	4	11	6.7	11	12	13	
3/27/2019							14
9/10/2019	4.8	12	7.5			12	
9/11/2019							14
9/12/2019				14	14		
3/18/2020	3.8	12	7.3				
3/19/2020				14	14	14	15
9/9/2020	4	11	7.3	15			
9/10/2020					13	13	15
4/1/2021	4	12	7.8				15
4/2/2021						15	
4/5/2021				15	14		
8/11/2021	4.1	11	7.3	17	14		14
8/12/2021						13	
10/7/2021				17			
2/15/2022	3.6	10	7.1			15	13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-19	GWC-20	GWC-4	GWC-7
2/16/2022				15	13		
8/24/2022			8.9				
8/25/2022	4.9	13		18	15	17	16
12/28/2022				19		20	
2/27/2023						26	16
2/28/2023	4.1	13	8.7	18	16		
8/3/2023	4.7	13	8.3				
8/8/2023				18	16	25	15
2/28/2024		15	9				
2/29/2024				19		31	17
3/1/2024					17		
3/4/2024	3.8						
5/7/2024							17
8/6/2024	4.2	15	9	20	17		17
8/7/2024						29	
2/24/2025							19
2/25/2025	4.1	13		18	18	46	
2/26/2025			7.4				
4/22/2025				20 (R)		60 (R)	
7/24/2025	4.4	14	7.4			59	18
7/28/2025					18		
7/30/2025				40			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4	GWC-20	GWC-7
4/6/2016	5.342	1.69	1.789				
4/11/2016				1.84			
4/12/2016					4.57	2.03	
4/13/2016							1.68
6/15/2016	5.2	1.9	2.1				
6/16/2016				1.9 (D)		2.2 (D)	
6/20/2016					3.1		2
8/10/2016	5.5	1.7	1.8				
8/11/2016				1.9		2.1	
8/15/2016							1.8
8/16/2016					3.2		
10/4/2016	5.4		1.7				
10/5/2016		1.6		1.7		1.9	
10/6/2016					3.4		1.7
11/29/2016		1.7	1.7	1.7			
11/30/2016	5.4				4.1	2	
12/1/2016							1.7
2/7/2017	5.1	1.6	1.6				
2/8/2017				1.7	7.2	2	
2/9/2017							1.7
4/4/2017	5.1	1.5	1.6				
4/5/2017				1.7			
4/6/2017					7.4	<1	
4/7/2017							1.7
6/20/2017	5.2	1.5	1.6				
6/21/2017				1.7		1.9	
6/22/2017					7.8		1.6
10/4/2017	5.2						
10/5/2017		1.5	1.5	1.6		1.9	
10/6/2017					9.1		1.6
3/20/2018	5.6	1.4	1.5	1.6			
3/21/2018					13	1.8	
3/22/2018							1.6
10/2/2018	6.3	1.5	1.6	1.7			
10/3/2018					13	2	
10/4/2018							1.7
3/26/2019	5.5	1.3	1.5	1.8	9.2	1.9	
3/27/2019							1.7
9/10/2019	5.2	1.3	1.4		5.1		
9/11/2019							2.1
9/12/2019				1.5		1.6	
3/18/2020	5.4	2	1.7				
3/19/2020				2.2	8.7	2.2	2.1
9/9/2020	6.1	1.3	1.6	2.4			
9/10/2020					9.7	2.1	2.5
4/1/2021	7	1.5	1.8				2.9
4/2/2021					11		
6/1/2021				2.6		2.1	
8/11/2021	7.2	1.4	1.8	2.8		2.1	3
8/12/2021					12		
2/15/2022	6.5	1.4	1.6		11		2.7
2/16/2022				2.4		2	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4	GWC-20	GWC-7
8/24/2022		1.4					
8/25/2022	6.9		1.6	2.4	11	2.1	3
2/27/2023					16		3.5
2/28/2023	6.3	1.4	1.7	2.6		2.2	
5/2/2023					24		
8/3/2023	6.3	1.3	1.6				
8/8/2023				2.6	16	2.2	3.8
2/28/2024		1.4	1.6				
2/29/2024				3.1	21		4.8
3/1/2024						2.5	
3/4/2024	5.6						
5/20/2024					28		
8/6/2024	6	1.4	1.7	2.8		2.3	4.9
8/7/2024					19		
2/24/2025							6.5
2/25/2025	5.7		1.6	2.7	28	2.4	
2/26/2025		1.5					
4/22/2025					45 (R)		
7/24/2025	6	2.4	2.1		48		9.5
7/28/2025						2.6	
7/30/2025				10			

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-19
5/8/2010	5.2			
5/9/2010		5.94	4.81	
5/11/2010				5.93
6/16/2010	5.93	6.4		6.58
6/18/2010			5.6	
7/26/2010	6.03			
7/27/2010		6.53		6.69
7/28/2010			5.92	
9/7/2010	6.23	6.06		5.87
9/9/2010			4.89	
4/29/2011	5.68	6.18		6.37
4/30/2011			5.27	
10/28/2011	5.89	6.63	5.45	6.52
5/2/2012	5.74	6.25	5.8	6.24
11/9/2012	5.75	6.31	5.3	6.31
5/8/2013	5.53	6.34	5.76	
5/9/2013				6.01
11/5/2013			5.08	
11/6/2013	5.92	6.6		6.6
5/20/2014	5.635 (D)	6.16 (D)	5.26 (D)	
5/22/2014				6.295 (D)
11/8/2014	6.04	6.52		6.51
11/12/2014			5.7	
5/22/2015	5.87	6.3	5.52	6.35
11/9/2015	5.97	5.63		
11/10/2015				6.41
11/11/2015		6.36	5.63	
4/6/2016	5.96	6.46	5.5	
4/11/2016				6.36
6/15/2016	5.96	6.39	5.52	
6/16/2016				6.35
8/10/2016	5.94	6.39	5.5	
8/11/2016				6.37
10/4/2016		6.4	5.56	
10/5/2016	5.86			5.78 (O)
11/29/2016	5.82	6.36		6.44
11/30/2016			5.46	
2/7/2017	6.15	6.45	5.28	
2/8/2017				6.4
4/1/2017			5.48	
4/4/2017	6	6.37	5.48	
4/5/2017				6.35
6/20/2017	6.34	6.4	5.44	
6/21/2017				6.36
10/4/2017			5.44	
10/5/2017	5.93	6.42		6.41
3/20/2018	5.97	6.36	5.48	6.37
10/2/2018	6.03	6.38	5.49	6.41
3/26/2019	6.12	6.42	5.41	6.35
9/10/2019	6.31		5.41	
9/12/2019				6.39
3/18/2020	6.03	6.29	5.42	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-19
3/19/2020				6.27
9/9/2020	6.05	6.33	5.71	6.27
4/1/2021	6.14	6.44	5.31	
4/5/2021				6.37
6/1/2021				6.18
8/11/2021	6.14	6.35	5.5	6.35
10/7/2021				6.79
2/15/2022	6.2	6.46	5.4	
2/16/2022				6.47
8/24/2022	6.22			
8/25/2022		6.42	5.4	6.36
12/28/2022				6.29
2/28/2023	6.19	6.45	5.4	6.29
8/3/2023	6.22	6.24	5.48	
8/8/2023				6.32
2/28/2024	6.41	6.49		
2/29/2024				6.33
3/4/2024			5.24	
8/6/2024	6.21	6.35	5.48	6.26
2/25/2025		6.76	5.43	6.59
2/26/2025	6.65			
4/22/2025				6.21 (R)
7/24/2025	6.12	6.31	5.32	
7/30/2025				5.34

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-3	GWC-4	GWC-7
4/6/2016	0.799 (J)	<1	<1				
4/11/2016				<1			
4/12/2016					0.419 (J)	3.56	
4/13/2016							<1
6/15/2016	0.32 (J)	0.18 (J)	0.22 (J)				
6/16/2016				0.23 (J)			
6/20/2016					0.6 (J)	2.4	0.36 (J)
8/10/2016	<1	<1	<1				
8/11/2016				<1			
8/15/2016							<1
8/16/2016					<1	1.7	
10/4/2016	<1		<1				
10/5/2016		<1		<1	<1		
10/6/2016						1.2	<1
11/29/2016		<1	<1	<1			
11/30/2016	<1				1.1	1.2	
12/1/2016							<1
2/7/2017	0.8 (J)	<1	<1				
2/8/2017				<1	<1	4.6	
2/9/2017							<1
4/4/2017	<1	<1	<1				
4/5/2017				<1			
4/6/2017					<1	4.1	
4/7/2017							<1
6/20/2017	<1	<1	<1				
6/21/2017				<1	<1		
6/22/2017						3.4	<1
10/4/2017	<1						
10/5/2017		<1	<1	<1	<1		
10/6/2017						3	<1
3/20/2018	1.2	<1	<1	<1			
3/21/2018					<1	4.9	
3/22/2018							<1
10/2/2018	<1	<1	<1	<1			
10/3/2018					<1	2.9	
10/4/2018							<1
3/26/2019	2.1	0.58 (J)	<1	<1	0.47 (J)	3.2	
3/27/2019							0.51 (J)
9/10/2019	0.65 (J)	0.44 (J)	<1		0.7 (J)	1.7	
9/11/2019							0.52 (J)
9/12/2019				<1			
3/18/2020	3.1	0.51 (J)	0.67 (J)		0.6 (J)		
3/19/2020				0.64 (J)		4.6	0.54 (J)
9/9/2020	1.6	<1	<1	1.2			
9/10/2020					<1	1.6	<1
4/1/2021	2.7	<1	<1				<1
4/2/2021						4.6	
4/6/2021					<1		
6/1/2021				1.9			
8/11/2021	1.3	<1	<1	<1			<1
8/12/2021					<1	3.5	
2/15/2022	2.6	<1	<1		0.91 (J)	20	<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-3	GWC-4	GWC-7
2/16/2022				<1			
5/12/2022						33	
8/24/2022		<1					
8/25/2022	1.9		<1	<1	0.99 (J)	19	<1
12/28/2022						32	
2/27/2023						56	1.4
2/28/2023	3.5	1.3	1.4	1.2	4.7		
5/2/2023					4.2		
8/3/2023	1.7	<1	0.4 (J)				
8/8/2023				<1		53	<1
8/9/2023					3.6		
10/4/2023					3.1		
2/28/2024		<1	<1				
2/29/2024				<1		84	1.5
3/4/2024	2.8				10		
5/20/2024					0.64 (J)		
8/6/2024	1.3	<1	<1	<1			1.4
8/7/2024					15	73	
11/7/2024					18		
2/24/2025							3.5
2/25/2025	3.6		<1	<1	20	150	
2/26/2025		<1					
4/22/2025						180 (R)	
4/23/2025					18 (R)		
7/24/2025	3.2	0.93 (J)	1.2			200	6.4
7/25/2025					16		
7/30/2025				260			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-18	GWC-20	GWC-3	GWC-1	GWC-4
4/6/2016	38	61	84						
4/11/2016				99	89				
4/12/2016						104	92	147	80
4/13/2016									
6/15/2016	<10	113	139						
6/16/2016				102	88	111		150	
6/20/2016							78		111
8/10/2016	56	74	80						
8/11/2016				38	52	70		110	
8/15/2016									
8/16/2016							76		100
10/4/2016	48		62					140	
10/5/2016		44		26	76	92	64		
10/6/2016									110
11/29/2016		58	110	82	72				
11/30/2016	46					92	82	130	110
12/1/2016									
2/7/2017	18	4 (J)	70					130	
2/8/2017				78	74	98	92		120
2/9/2017									
4/4/2017	32	78	120						
4/5/2017				100				130	
4/6/2017					84	92	88		130
4/7/2017									
6/20/2017	38	50	76					120	
6/21/2017				100	88	100	88		
6/22/2017									110
10/4/2017	42							130	
10/5/2017		64	110	100	110	130	86		
10/6/2017									120
3/20/2018	20	90	110	100	92			110	
3/21/2018						100	98		160
3/22/2018									
10/2/2018	48	90	110	130	100			140	
10/3/2018						130	60		120
10/4/2018									
3/26/2019	45	82	100	100	94	110	86	150	130
3/27/2019									
9/10/2019	42	51	75				66	130	93
9/11/2019					77				
9/12/2019				70		84			
3/18/2020	43	75	93		92		72	130	
3/19/2020				110		120			130
9/9/2020	<10	64	66	120	77			120	
9/10/2020						110	59		130
4/1/2021	55	68	100		62			120	
4/2/2021									150
4/6/2021							81		
6/1/2021				130		120			
8/11/2021	55	94	100	120	98	110			
8/12/2021							89		130
8/18/2021								150	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-18	GWC-20	GWC-3	GWC-1	GWC-4
2/15/2022	42	79	99				53	120	140
2/16/2022				110	70	110			
8/24/2022		110						160	
8/25/2022	86		130	150	130	140	110		170
2/27/2023								160	240
2/28/2023	50	94	110	130	100	120	72		
5/2/2023									290
8/3/2023	53	85	110						
8/8/2023				130		130			220
8/9/2023					95		88	140	
2/28/2024		85	100						
2/29/2024				130	96				260
3/1/2024						130		150	
3/4/2024	41						99		
8/6/2024	53	86	110	130	95	120		140	
8/7/2024							100		250
2/24/2025									
2/25/2025	52		110	140	99	110	130	150	350
2/26/2025		81							
4/22/2025									470 (R)
7/24/2025	78	130	180						590
7/25/2025							130	210	
7/28/2025					150	190			
7/30/2025				460					

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7
4/6/2016	
4/11/2016	
4/12/2016	
4/13/2016	130
6/15/2016	
6/16/2016	
6/20/2016	116
8/10/2016	
8/11/2016	
8/15/2016	92
8/16/2016	
10/4/2016	
10/5/2016	
10/6/2016	110
11/29/2016	
11/30/2016	
12/1/2016	140
2/7/2017	
2/8/2017	
2/9/2017	120
4/4/2017	
4/5/2017	
4/6/2017	
4/7/2017	120
6/20/2017	
6/21/2017	
6/22/2017	100
10/4/2017	
10/5/2017	
10/6/2017	140
3/20/2018	
3/21/2018	
3/22/2018	130
10/2/2018	
10/3/2018	
10/4/2018	110
3/26/2019	
3/27/2019	120
9/10/2019	
9/11/2019	100
9/12/2019	
3/18/2020	
3/19/2020	98
9/9/2020	
9/10/2020	120
4/1/2021	110
4/2/2021	
4/6/2021	
6/1/2021	
8/11/2021	130
8/12/2021	
8/18/2021	

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/9/2025 2:51 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7
2/15/2022	140
2/16/2022	
8/24/2022	
8/25/2022	150
2/27/2023	140
2/28/2023	
5/2/2023	
8/3/2023	
8/8/2023	130
8/9/2023	
2/28/2024	
2/29/2024	130
3/1/2024	
3/4/2024	
8/6/2024	130
8/7/2024	
2/24/2025	150
2/25/2025	
2/26/2025	
4/22/2025	
7/24/2025	230
7/25/2025	
7/28/2025	
7/30/2025	

FIGURE H.

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	GWC-1	0.005	n/a	7/25/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-2	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-3	0.005	n/a	7/25/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-4	0.005	n/a	7/24/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.005	n/a	7/25/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.005	n/a	7/24/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-8A	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-10	0.005	n/a	8/1/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.005	n/a	7/30/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.005	n/a	7/30/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.005	n/a	7/30/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.005	n/a	7/31/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.005	n/a	7/28/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.005	n/a	7/30/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.005	n/a	7/28/2025	0.005ND	No	117	n/a	n/a	96.58	n/a	n/a	0.0001426	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	7/25/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	n/a	7/25/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	n/a	7/24/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	7/25/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	n/a	7/24/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	8/1/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	7/30/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	7/30/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	7/30/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	7/31/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	7/28/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	n/a	7/30/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	n/a	7/28/2025	0.001ND	No	102	n/a	n/a	100	n/a	n/a	0.0001855	NP Inter (NDs) 1 of 2

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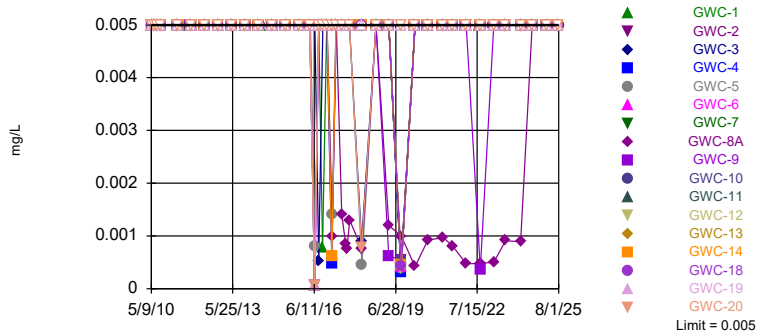
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 117 background values. 96.58% NDs. Annual per-constituent alpha = 0.004838. Individual comparison alpha = 0.0001426 (1 of 2). Comparing 17 points to limit.

Constituent: Arsenic Analysis Run 9/9/2025 2:37 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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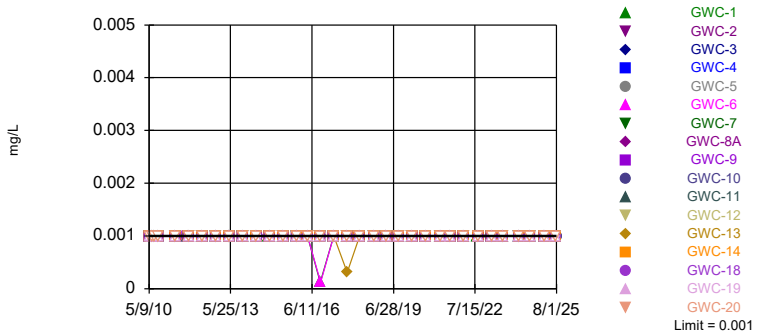
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 102) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.006288. Individual comparison alpha = 0.0001855 (1 of 2). Comparing 17 points to limit.

Constituent: Silver Analysis Run 9/9/2025 2:37 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-14	GWC-13	GWC-12	GWC-18	GWC-10	GWC-9
5/8/2010	<0.005								
5/9/2010		<0.005	<0.005	<0.005	<0.005	<0.005			
5/10/2010							<0.005	<0.005	<0.005
5/11/2010									
6/16/2010	<0.005		<0.005				<0.005	<0.005	<0.005
6/17/2010									
6/18/2010		<0.005		<0.005	<0.005	<0.005			
6/19/2010									
7/26/2010	<0.005						<0.005		
7/27/2010			<0.005			<0.005			<0.005
7/28/2010		<0.005		<0.005				<0.005	
7/29/2010					<0.005				
9/7/2010	<0.005		<0.005				<0.005		
9/8/2010						<0.005		<0.005	<0.005
9/9/2010		<0.005		<0.005	<0.005				
4/26/2011					<0.005				
4/28/2011									
4/29/2011	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
4/30/2011		<0.005		<0.005					
10/27/2011								<0.005	<0.005
10/28/2011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
10/29/2011									
5/2/2012	<0.005	<0.005	<0.005				<0.005		
5/3/2012				<0.005		<0.005			<0.005
5/4/2012					<0.005			<0.005	
11/9/2012	<0.005	<0.005	<0.005				<0.005		
11/10/2012				<0.005		<0.005			
11/11/2012					<0.005			<0.005	<0.005
5/8/2013	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005		
5/9/2013						<0.005		<0.005	<0.005
5/10/2013									
11/5/2013		<0.005		<0.005				<0.005	
11/6/2013	<0.005		<0.005			<0.005	<0.005		<0.005
11/7/2013					<0.005				
5/20/2014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
5/21/2014								<0.005	<0.005
5/22/2014									
5/23/2014							<0.005		
11/8/2014	<0.005		<0.005				<0.005		
11/9/2014									
11/12/2014		<0.005		<0.005	<0.005	<0.005		<0.005	<0.005
11/13/2014									
5/22/2015	<0.005	<0.005	<0.005				<0.005		
5/23/2015						<0.005		<0.005	<0.005
5/24/2015				<0.005	<0.005				
11/9/2015	<0.005		<0.005						
11/10/2015							<0.005		
11/11/2015		<0.005		<0.005					
11/12/2015					<0.005	<0.005		<0.005	<0.005
4/6/2016	<0.005	<0.005	<0.005						
4/11/2016							<0.005		
4/12/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-14	GWC-13	GWC-12	GWC-18	GWC-10	GWC-9
4/13/2016				<0.005	<0.005	<0.005		<0.005	<0.005
4/19/2016									
6/15/2016	<0.005	<0.005	<0.005						
6/16/2016							<0.005		
6/20/2016									
6/21/2016				<0.005	<0.005	<0.005		<0.005	
6/22/2016									<0.005
8/10/2016	<0.005	<0.005	<0.005						
8/11/2016							<0.005		
8/12/2016									
8/15/2016				<0.005	<0.005	<0.005		<0.005	<0.005
8/16/2016									
10/4/2016		<0.005	<0.005	<0.005					
10/5/2016	<0.005					<0.005	<0.005	<0.005	
10/6/2016									<0.005
10/7/2016					<0.005				
10/10/2016									
11/29/2016	<0.005		<0.005				<0.005		
11/30/2016		<0.005							
12/1/2016				<0.005	<0.005	<0.005		<0.005	<0.005
2/7/2017	<0.005	0.0009 (J)	<0.005	0.00062 (J)					
2/8/2017						<0.005	<0.005	<0.005	<0.005
2/9/2017					<0.005				
4/4/2017	<0.005	<0.005	<0.005						
4/5/2017						<0.005			
4/6/2017				<0.005	<0.005		<0.005	<0.005	<0.005
4/7/2017									
6/20/2017	<0.005	<0.005	<0.005	<0.005		<0.005			
6/21/2017							<0.005	<0.005	<0.005
6/22/2017					<0.005				
8/15/2017									
9/1/2017									
10/4/2017		<0.005							
10/5/2017	<0.005		<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
10/6/2017					<0.005				
10/9/2017									
3/20/2018	<0.005	<0.005	<0.005	<0.005			<0.005		
3/21/2018						<0.005		<0.005	<0.005
3/22/2018					<0.005				
10/2/2018	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
10/3/2018					<0.005				
10/4/2018									
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
3/27/2019								<0.005	0.00062 (J)
9/10/2019	0.00069 (J)	0.00032 (J)	0.00049 (J)						
9/11/2019				0.00045 (J)	0.00042 (J)	0.00038 (J)	0.00043 (J)	0.00055 (J)	0.00055 (J)
9/12/2019									
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020									
9/9/2020	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
9/10/2020					<0.005	<0.005			
4/1/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-14	GWC-13	GWC-12	GWC-18	GWC-10	GWC-9
4/2/2021									
4/5/2021									
4/6/2021					<0.005				
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
8/12/2021									<0.005
8/17/2021								<0.005	
8/18/2021									
2/15/2022	<0.005	<0.005	<0.005					<0.005	<0.005
2/16/2022				<0.005	<0.005	<0.005	<0.005		
8/24/2022	<0.005								
8/25/2022		<0.005	<0.005				<0.005	<0.005	0.00037 (J)
8/26/2022				<0.005	<0.005	<0.005			
2/21/2023								<0.005	
2/27/2023				<0.005	<0.005	<0.005			<0.005
2/28/2023	<0.005	<0.005	<0.005				<0.005		
8/3/2023	<0.005	<0.005	<0.005						
8/8/2023									<0.005
8/9/2023				<0.005	<0.005	<0.005	<0.005	<0.005	
2/28/2024	<0.005		<0.005						
2/29/2024						<0.005	<0.005		
3/1/2024				<0.005	<0.005			<0.005	<0.005
3/4/2024		<0.005							
8/6/2024	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
8/7/2024									
8/8/2024				<0.005					
2/24/2025					<0.005	<0.005		<0.005	<0.005
2/25/2025		<0.005	<0.005	<0.005			<0.005		
2/26/2025	<0.005								
7/24/2025	<0.005	<0.005	<0.005						
7/25/2025									
7/28/2025							<0.005		
7/30/2025					<0.005	<0.005			
7/31/2025				<0.005					<0.005
8/1/2025								<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-7	GWC-8A	GWC-4	GWC-3	GWC-1	GWC-20	GWC-19	GWC-2
5/8/2010									
5/9/2010									
5/10/2010	<0.005	<0.005	<0.005						
5/11/2010				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/16/2010	<0.005							<0.005	
6/17/2010				<0.005	<0.005	<0.005	<0.005		
6/18/2010		<0.005							
6/19/2010			<0.005						<0.005
7/26/2010									
7/27/2010	<0.005					<0.005	<0.005	<0.005	<0.005
7/28/2010		<0.005	<0.005	<0.005	<0.005				
7/29/2010									
9/7/2010					<0.005		<0.005	<0.005	
9/8/2010	<0.005		<0.005	<0.005					
9/9/2010		<0.005				<0.005			<0.005
4/26/2011									
4/28/2011				<0.005		<0.005			<0.005
4/29/2011	<0.005				<0.005		<0.005	<0.005	
4/30/2011		<0.005	<0.005						
10/27/2011	<0.005		<0.005						
10/28/2011					<0.005		<0.005	<0.005	<0.005
10/29/2011		<0.005		<0.005		<0.005			
5/2/2012								<0.005	
5/3/2012				<0.005	<0.005	<0.005	<0.005		<0.005
5/4/2012	<0.005	<0.005	<0.005						
11/9/2012					<0.005	<0.005		<0.005	<0.005
11/10/2012	<0.005	<0.005		<0.005			<0.005		
11/11/2012			<0.005						
5/8/2013									
5/9/2013	<0.005	<0.005				<0.005	<0.005	<0.005	<0.005
5/10/2013			<0.005	<0.005	<0.005				
11/5/2013						<0.005			<0.005
11/6/2013	<0.005			<0.005	<0.005		<0.005	<0.005	
11/7/2013		<0.005	<0.005						
5/20/2014	<0.005								
5/21/2014		<0.005	<0.005						
5/22/2014				<0.005	<0.005		<0.005	<0.005	<0.005
5/23/2014						<0.005			
11/8/2014								<0.005	
11/9/2014				<0.005	<0.005		<0.005		
11/12/2014	<0.005	<0.005							
11/13/2014			<0.005			<0.005			<0.005
5/22/2015				<0.005	<0.005		<0.005	<0.005	
5/23/2015			<0.005			<0.005			
5/24/2015	<0.005	<0.005							<0.005
11/9/2015									
11/10/2015					<0.005		<0.005	<0.005	
11/11/2015		<0.005	<0.005	<0.005		<0.005			<0.005
11/12/2015	<0.005								
4/6/2016									
4/11/2016								<0.005	
4/12/2016				<0.005	<0.005	<0.005	<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-7	GWC-8A	GWC-4	GWC-3	GWC-1	GWC-20	GWC-19	GWC-2
4/13/2016	<0.005	<0.005							
4/19/2016			<0.005						
6/15/2016									
6/16/2016						6E-05 (J)	5.4E-05 (J)	5.1E-05 (J)	5.5E-05 (J)
6/20/2016		<0.005		<0.005	<0.005				
6/21/2016	<0.005								
6/22/2016									
8/10/2016									
8/11/2016						<0.005	<0.005	<0.005	<0.005
8/12/2016				<0.005	0.00053 (J)				
8/15/2016	<0.005	<0.005							
8/16/2016									
10/4/2016						0.00079 (J)			<0.005
10/5/2016	<0.005				<0.005		<0.005	<0.005	
10/6/2016		<0.005		<0.005					
10/7/2016									
10/10/2016			<0.005						
11/29/2016								<0.005	
11/30/2016				<0.005	<0.005	<0.005	<0.005		<0.005
12/1/2016	<0.005	<0.005	<0.005						
2/7/2017						<0.005			<0.005
2/8/2017	<0.005			0.00047 (J)	<0.005		<0.005	<0.005	
2/9/2017		<0.005	0.001 (J)						
4/4/2017									
4/5/2017						<0.005		<0.005	
4/6/2017	<0.005			<0.005	<0.005		<0.005		<0.005
4/7/2017		<0.005	<0.005						
6/20/2017	<0.005					<0.005			<0.005
6/21/2017			0.0014		<0.005		<0.005	<0.005	
6/22/2017		<0.005		<0.005					
8/15/2017			0.00086 (J)						
9/1/2017			0.00075 (J)						
10/4/2017						<0.005			<0.005
10/5/2017	<0.005				<0.005		<0.005	<0.005	
10/6/2017		<0.005		<0.005					
10/9/2017			0.0013						
3/20/2018						<0.005		<0.005	<0.005
3/21/2018	<0.005			<0.005	0.00089 (J)		0.00078 (J)		
3/22/2018		<0.005	0.00075 (J)						
10/2/2018	<0.005					<0.005		<0.005	<0.005
10/3/2018				<0.005	<0.005		<0.005		
10/4/2018		<0.005	<0.005						
3/26/2019				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/27/2019	<0.005	<0.005	0.0012 (J)						
9/10/2019				0.00032 (J)	0.00032 (J)	0.00033 (J)			0.00038 (J)
9/11/2019	0.00045 (J)	0.00038 (J)	0.001 (J)						
9/12/2019							<0.005	<0.005	
3/18/2020	<0.005		0.00042 (J)		<0.005	<0.005			<0.005
3/19/2020		<0.005		<0.005			<0.005	<0.005	
9/9/2020			0.00092 (J)			<0.005		<0.005	<0.005
9/10/2020	<0.005	<0.005		<0.005	<0.005		<0.005		
4/1/2021	<0.005	<0.005				<0.005			<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-7	GWC-8A	GWC-4	GWC-3	GWC-1	GWC-20	GWC-19	GWC-2
4/2/2021				<0.005					
4/5/2021			0.00097 (J)				<0.005	<0.005	
4/6/2021					<0.005				
8/11/2021	<0.005	<0.005					<0.005	<0.005	
8/12/2021			0.00081 (J)	<0.005	<0.005				<0.005
8/17/2021									
8/18/2021						<0.005			
2/15/2022		<0.005	0.00047 (J)	<0.005	<0.005	<0.005			<0.005
2/16/2022	<0.005						<0.005	<0.005	
8/24/2022						<0.005			
8/25/2022	<0.005	<0.005	0.00048 (J)	<0.005	<0.005		<0.005	<0.005	
8/26/2022									<0.005
2/21/2023									
2/27/2023	<0.005	<0.005	0.0005 (J)	<0.005		<0.005			<0.005
2/28/2023					<0.005		<0.005	<0.005	
8/3/2023									
8/8/2023		<0.005	0.00091 (J)	<0.005			<0.005	<0.005	
8/9/2023	<0.005				<0.005	<0.005			<0.005
2/28/2024									
2/29/2024	<0.005	<0.005	0.00089 (J)	<0.005				<0.005	
3/1/2024						<0.005	<0.005		<0.005
3/4/2024					<0.005				
8/6/2024	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
8/7/2024				<0.005	<0.005				
8/8/2024									
2/24/2025	<0.005	<0.005	<0.005						
2/25/2025				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/26/2025									
7/24/2025		<0.005		<0.005					
7/25/2025					<0.005	<0.005			
7/28/2025							<0.005		
7/30/2025	<0.005							<0.005	
7/31/2025			<0.005						<0.005
8/1/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-5
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.005	<0.005
6/16/2010		
6/17/2010		
6/18/2010	<0.005	<0.005
6/19/2010		
7/26/2010		
7/27/2010	<0.005	<0.005
7/28/2010		
7/29/2010		
9/7/2010		
9/8/2010		
9/9/2010	<0.005	<0.005
4/26/2011		
4/28/2011		
4/29/2011		<0.005
4/30/2011	<0.005	
10/27/2011		
10/28/2011		<0.005
10/29/2011	<0.005	
5/2/2012		
5/3/2012		
5/4/2012	<0.005	<0.005
11/9/2012		
11/10/2012	<0.005	<0.005
11/11/2012		
5/8/2013		
5/9/2013	<0.005	<0.005
5/10/2013		
11/5/2013		
11/6/2013		<0.005
11/7/2013	<0.005	
5/20/2014		
5/21/2014	<0.005	
5/22/2014		<0.005
5/23/2014		
11/8/2014		
11/9/2014	<0.005	<0.005
11/12/2014		
11/13/2014		
5/22/2015		
5/23/2015		
5/24/2015	<0.005	<0.005
11/9/2015		
11/10/2015		
11/11/2015	<0.005	<0.005
11/12/2015		
4/6/2016		
4/11/2016		
4/12/2016	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-5
4/13/2016		
4/19/2016		<0.005
6/15/2016		
6/16/2016		
6/20/2016	6.3E-05 (J)	
6/21/2016		
6/22/2016		0.0008 (J)
8/10/2016		
8/11/2016		
8/12/2016	<0.005	
8/15/2016		
8/16/2016		<0.005
10/4/2016		
10/5/2016		
10/6/2016	<0.005	<0.005
10/7/2016		
10/10/2016		
11/29/2016		
11/30/2016	<0.005	
12/1/2016		<0.005
2/7/2017		
2/8/2017		
2/9/2017	<0.005	0.0014
4/4/2017		
4/5/2017		
4/6/2017	<0.005	<0.005
4/7/2017		
6/20/2017		
6/21/2017	<0.005	<0.005
6/22/2017		
8/15/2017		
9/1/2017		
10/4/2017		
10/5/2017		<0.005
10/6/2017	<0.005	
10/9/2017		
3/20/2018		
3/21/2018	<0.005	
3/22/2018		0.00046 (J)
10/2/2018		
10/3/2018	<0.005	<0.005
10/4/2018		
3/26/2019	<0.005	
3/27/2019		<0.005
9/10/2019		
9/11/2019	0.00041 (J)	0.00038 (J)
9/12/2019		
3/18/2020	<0.005	<0.005
3/19/2020		
9/9/2020		<0.005
9/10/2020	<0.005	
4/1/2021		<0.005

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-5
4/2/2021		
4/5/2021	<0.005	
4/6/2021		
8/11/2021	<0.005	
8/12/2021		<0.005
8/17/2021		
8/18/2021		
2/15/2022	<0.005	<0.005
2/16/2022		
8/24/2022		
8/25/2022	<0.005	<0.005
8/26/2022		
2/21/2023		
2/27/2023	<0.005	
2/28/2023		<0.005
8/3/2023		
8/8/2023	<0.005	<0.005
8/9/2023		
2/28/2024		
2/29/2024	<0.005	<0.005
3/1/2024		
3/4/2024		
8/6/2024		<0.005
8/7/2024	<0.005	
8/8/2024		
2/24/2025	<0.005	
2/25/2025		<0.005
2/26/2025		
7/24/2025		
7/25/2025		<0.005
7/28/2025		
7/30/2025		
7/31/2025	<0.005	
8/1/2025		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-12	GWC-13	GWC-14	GWC-7	GWC-8A	GWC-18
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001		<0.001						<0.001
6/17/2010									
6/18/2010		<0.001		<0.001	<0.001	<0.001	<0.001		
6/19/2010								<0.001	
7/26/2010	<0.001								<0.001
7/27/2010			<0.001	<0.001					
7/28/2010		<0.001				<0.001	<0.001	<0.001	
7/29/2010					<0.001				
9/7/2010	<0.001		<0.001						<0.001
9/8/2010				<0.001				<0.001	
9/9/2010		<0.001			<0.001	<0.001	<0.001		
4/26/2011					<0.001				
4/28/2011									
4/29/2011	<0.001		<0.001	<0.001					<0.001
4/30/2011		<0.001				<0.001	<0.001	<0.001	
10/27/2011								<0.001	
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001
10/29/2011							<0.001		
5/2/2012	<0.001	<0.001	<0.001						<0.001
5/3/2012				<0.001		<0.001			
5/4/2012					<0.001		<0.001	<0.001	
11/9/2012	<0.001	<0.001	<0.001						<0.001
11/10/2012				<0.001		<0.001	<0.001		
11/11/2012					<0.001			<0.001	
5/8/2013	<0.001	<0.001	<0.001		<0.001	<0.001			<0.001
5/9/2013				<0.001			<0.001		
5/10/2013								<0.001	
11/5/2013		<0.001				<0.001			
11/6/2013	<0.001		<0.001	<0.001					<0.001
11/7/2013					<0.001		<0.001	<0.001	
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/21/2014							<0.001	<0.001	
5/22/2014									
5/23/2014									<0.001
11/8/2014	<0.001		<0.001						<0.001
11/9/2014									
11/12/2014		<0.001		<0.001	<0.001	<0.001	<0.001		
11/13/2014								<0.001	
5/22/2015	<0.001	<0.001	<0.001						<0.001
5/23/2015				<0.001				<0.001	
5/24/2015					<0.001	<0.001	<0.001		
11/9/2015	<0.001		<0.001						
11/10/2015									<0.001
11/11/2015		<0.001				<0.001	<0.001	<0.001	
11/12/2015				<0.001	<0.001				
4/6/2016	<0.001	<0.001	<0.001						
4/11/2016									<0.001
4/12/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-12	GWC-13	GWC-14	GWC-7	GWC-8A	GWC-18
4/13/2016				<0.001	<0.001	<0.001	<0.001		
4/19/2016								<0.001	
10/4/2016		<0.001	<0.001			<0.001			
10/5/2016	<0.001			<0.001					<0.001
10/6/2016							<0.001		
10/7/2016					<0.001				
10/10/2016								<0.001	
4/4/2017	<0.001	<0.001	<0.001						
4/5/2017				<0.001					
4/6/2017					<0.001	<0.001			<0.001
4/7/2017							<0.001	<0.001	
10/4/2017		<0.001							
10/5/2017	<0.001		<0.001	<0.001		<0.001			<0.001
10/6/2017					0.00031 (J)		<0.001		
10/9/2017								<0.001	
3/20/2018	<0.001	<0.001	<0.001			<0.001			<0.001
3/21/2018				<0.001					
3/22/2018					<0.001		<0.001	<0.001	
10/2/2018	<0.001	<0.001	<0.001	<0.001		<0.001			<0.001
10/3/2018					<0.001				
10/4/2018							<0.001	<0.001	
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001
3/27/2019							<0.001	<0.001	
9/10/2019	<0.001	<0.001	<0.001						
9/11/2019				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/19/2020							<0.001		
9/9/2020	<0.001	<0.001	<0.001			<0.001		<0.001	<0.001
9/10/2020				<0.001	<0.001		<0.001		
4/1/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001
4/2/2021									
4/5/2021								<0.001	
4/6/2021					<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/12/2021								<0.001	
8/17/2021									
8/18/2021									
2/15/2022	<0.001	<0.001	<0.001				<0.001	<0.001	
2/16/2022				<0.001	<0.001	<0.001			<0.001
8/24/2022	<0.001								
8/25/2022		<0.001	<0.001				<0.001	<0.001	<0.001
8/26/2022				<0.001	<0.001	<0.001			
2/21/2023									
2/27/2023				<0.001	<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001						<0.001
8/3/2023	<0.001	<0.001	<0.001						
8/8/2023							<0.001	<0.001	
8/9/2023				<0.001	<0.001	<0.001			<0.001
2/28/2024	<0.001		<0.001						
2/29/2024				<0.001			<0.001	<0.001	<0.001
3/1/2024					<0.001	<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-12	GWC-13	GWC-14	GWC-7	GWC-8A	GWC-18
3/4/2024		<0.001							
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
8/7/2024									
8/8/2024						<0.001			
2/24/2025				<0.001	<0.001		<0.001	<0.001	
2/25/2025		<0.001	<0.001			<0.001			<0.001
2/26/2025	<0.001								
7/24/2025	<0.001	<0.001	<0.001				<0.001		
7/25/2025									
7/28/2025									<0.001
7/30/2025				<0.001	<0.001				
7/31/2025						<0.001		<0.001	
8/1/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-10	GWC-11	GWC-19	GWC-2	GWC-3	GWC-4	GWC-5	GWC-1
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001	<0.001	<0.001	<0.001					
6/17/2010						<0.001	<0.001		<0.001
6/18/2010								<0.001	
6/19/2010					<0.001				
7/26/2010									
7/27/2010	<0.001		<0.001	<0.001	<0.001			<0.001	<0.001
7/28/2010		<0.001				<0.001	<0.001		
7/29/2010									
9/7/2010				<0.001		<0.001			
9/8/2010	<0.001	<0.001	<0.001				<0.001		
9/9/2010					<0.001			<0.001	<0.001
4/26/2011									
4/28/2011					<0.001		<0.001		<0.001
4/29/2011	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	
4/30/2011									
10/27/2011	<0.001	<0.001	<0.001						
10/28/2011				<0.001	<0.001	<0.001		<0.001	
10/29/2011							<0.001		<0.001
5/2/2012				<0.001					
5/3/2012	<0.001				<0.001	<0.001	<0.001		<0.001
5/4/2012		<0.001	<0.001					<0.001	
11/9/2012				<0.001	<0.001	<0.001			<0.001
11/10/2012			<0.001				<0.001	<0.001	
11/11/2012	<0.001	<0.001							
5/8/2013									
5/9/2013	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
5/10/2013						<0.001	<0.001		
11/5/2013		<0.001			<0.001				<0.001
11/6/2013	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	
11/7/2013									
5/20/2014			<0.001						
5/21/2014	<0.001	<0.001							
5/22/2014				<0.001	<0.001	<0.001	<0.001	<0.001	
5/23/2014									<0.001
11/8/2014				<0.001					
11/9/2014						<0.001	<0.001	<0.001	
11/12/2014	<0.001	<0.001	<0.001						
11/13/2014					<0.001				<0.001
5/22/2015				<0.001		<0.001	<0.001		
5/23/2015	<0.001	<0.001							<0.001
5/24/2015			<0.001		<0.001			<0.001	
11/9/2015									
11/10/2015				<0.001		<0.001			
11/11/2015					<0.001		<0.001	<0.001	<0.001
11/12/2015	<0.001	<0.001	<0.001						
4/6/2016									
4/11/2016				<0.001					
4/12/2016					<0.001	<0.001	<0.001		<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-10	GWC-11	GWC-19	GWC-2	GWC-3	GWC-4	GWC-5	GWC-1
4/13/2016	<0.001	<0.001	<0.001						
4/19/2016								<0.001	
10/4/2016					<0.001				0.00012 (J)
10/5/2016		<0.001	<0.001	<0.001		<0.001			
10/6/2016	<0.001						<0.001	<0.001	
10/7/2016									
10/10/2016									
4/4/2017									
4/5/2017				<0.001					<0.001
4/6/2017	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
4/7/2017									
10/4/2017					<0.001				<0.001
10/5/2017	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	
10/6/2017							<0.001		
10/9/2017									
3/20/2018				<0.001	<0.001				<0.001
3/21/2018	<0.001	<0.001	<0.001			<0.001	<0.001		
3/22/2018								<0.001	
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
10/3/2018						<0.001	<0.001	<0.001	
10/4/2018									
3/26/2019				<0.001	<0.001	<0.001	<0.001		<0.001
3/27/2019	<0.001	<0.001	<0.001					<0.001	
9/10/2019					<0.001	<0.001	<0.001		<0.001
9/11/2019	<0.001	<0.001	<0.001					<0.001	
9/12/2019				<0.001					
3/18/2020	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001
3/19/2020				<0.001			<0.001		
9/9/2020	<0.001	<0.001		<0.001	<0.001			<0.001	<0.001
9/10/2020			<0.001			<0.001	<0.001		
4/1/2021	<0.001	<0.001	<0.001		<0.001			<0.001	<0.001
4/2/2021							<0.001		
4/5/2021				<0.001					
4/6/2021						<0.001			
8/11/2021			<0.001	<0.001					
8/12/2021	<0.001				<0.001	<0.001	<0.001	<0.001	
8/17/2021		<0.001							
8/18/2021									<0.001
2/15/2022	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022			<0.001	<0.001					
8/24/2022									<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
8/26/2022					<0.001				
2/21/2023		<0.001							
2/27/2023	<0.001		<0.001		<0.001		<0.001		<0.001
2/28/2023				<0.001		<0.001		<0.001	
8/3/2023									
8/8/2023	<0.001			<0.001			<0.001	<0.001	
8/9/2023		<0.001	<0.001		<0.001	<0.001			<0.001
2/28/2024									
2/29/2024			<0.001	<0.001			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001				<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-10	GWC-11	GWC-19	GWC-2	GWC-3	GWC-4	GWC-5	GWC-1
3/4/2024						<0.001			
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
8/7/2024						<0.001	<0.001		
8/8/2024									
2/24/2025	<0.001	<0.001	<0.001						
2/25/2025				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/26/2025									
7/24/2025							<0.001		
7/25/2025						<0.001		<0.001	<0.001
7/28/2025									
7/30/2025			<0.001	<0.001					
7/31/2025	<0.001				<0.001				
8/1/2025		<0.001							

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-6
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		
6/17/2010	<0.001	
6/18/2010		<0.001
6/19/2010		
7/26/2010		
7/27/2010	<0.001	<0.001
7/28/2010		
7/29/2010		
9/7/2010	<0.001	
9/8/2010		
9/9/2010		<0.001
4/26/2011		
4/28/2011		
4/29/2011	<0.001	
4/30/2011		<0.001
10/27/2011		
10/28/2011	<0.001	
10/29/2011		<0.001
5/2/2012		
5/3/2012	<0.001	
5/4/2012		<0.001
11/9/2012		
11/10/2012	<0.001	<0.001
11/11/2012		
5/8/2013		
5/9/2013	<0.001	<0.001
5/10/2013		
11/5/2013		
11/6/2013	<0.001	
11/7/2013		<0.001
5/20/2014		
5/21/2014		<0.001
5/22/2014	<0.001	
5/23/2014		
11/8/2014		
11/9/2014	<0.001	<0.001
11/12/2014		
11/13/2014		
5/22/2015	<0.001	
5/23/2015		
5/24/2015		<0.001
11/9/2015		
11/10/2015	<0.001	
11/11/2015		<0.001
11/12/2015		
4/6/2016		
4/11/2016		
4/12/2016	<0.001	<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-6
4/13/2016		
4/19/2016		
10/4/2016		
10/5/2016	<0.001	
10/6/2016		0.00012 (J)
10/7/2016		
10/10/2016		
4/4/2017		
4/5/2017		
4/6/2017	<0.001	<0.001
4/7/2017		
10/4/2017		
10/5/2017	<0.001	
10/6/2017		<0.001
10/9/2017		
3/20/2018		
3/21/2018	<0.001	<0.001
3/22/2018		
10/2/2018		
10/3/2018	<0.001	<0.001
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019		
9/11/2019		<0.001
9/12/2019	<0.001	
3/18/2020		<0.001
3/19/2020	<0.001	
9/9/2020		
9/10/2020	<0.001	<0.001
4/1/2021		
4/2/2021		
4/5/2021	<0.001	<0.001
4/6/2021		
8/11/2021	<0.001	<0.001
8/12/2021		
8/17/2021		
8/18/2021		
2/15/2022		<0.001
2/16/2022	<0.001	
8/24/2022		
8/25/2022	<0.001	<0.001
8/26/2022		
2/21/2023		
2/27/2023		<0.001
2/28/2023	<0.001	
8/3/2023		
8/8/2023	<0.001	<0.001
8/9/2023		
2/28/2024		
2/29/2024		<0.001
3/1/2024	<0.001	

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 9/9/2025 2:38 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-6
3/4/2024		
8/6/2024	<0.001	
8/7/2024		<0.001
8/8/2024		
2/24/2025		<0.001
2/25/2025	<0.001	
2/26/2025		
7/24/2025		
7/25/2025		
7/28/2025	<0.001	
7/30/2025		
7/31/2025		<0.001
8/1/2025		

ND substitution: RL or RL/2 if <15% NDs.

FIGURE I.

Appendix I & III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	**GWA-17 (bg)**	**-0.0005637**	**-250**	**-214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-4**	**0.002902**	**7.136**	**2.58**	**Yes**	**41**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-7**	**0.0007623**	**447**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-19**	**0.001044**	**447**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-17 (bg)**	**0.2348**	**163**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-4**	**2.244**	**272**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-7**	**0.3953**	**185**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-19**	**1.202**	**298**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-20**	**0.4226**	**144**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-15 (bg)**	**0.09848**	**124**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-4**	**2.396**	**304**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-7**	**0.3139**	**208**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-19**	**0.1404**	**158**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-20**	**0.04555**	**130**	**111**	**Yes**	**25**	**4**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-16 (bg)**	**0.0001673**	**278**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-17 (bg)**	**0.0001994**	**333**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Nickel (mg/L)	**GWA-15 (bg)**	**-4.2e-12**	**-200**	**-176**	**Yes**	**34**	**61.76**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-17 (bg)**	**0.03948**	**412**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-15 (bg)**	**0.2343**	**182**	**111**	**Yes**	**25**	**28**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-3**	**0.5034**	**194**	**146**	**Yes**	**30**	**36.67**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-4**	**7.481**	**249**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-7**	**0**	**113**	**111**	**Yes**	**25**	**64**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWA-17 (bg)**	**3.621**	**114**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-4**	**20.81**	**269**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-18**	**2.218**	**113**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-19**	**6.533**	**195**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-20**	**4.049**	**138**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**

Appendix I & III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-15 (bg)	0.00002759	156	214	No	39	0	n/a	0.01	NP
Barium (mg/L)	GWA-16 (bg)	0	-69	-214	No	39	0	n/a	0.01	NP
Barium (mg/L)	**GWA-17 (bg)**	**-0.0005637**	**-250**	**-214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-4**	**0.002902**	**7.136**	**2.58**	**Yes**	**41**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-7**	**0.0007623**	**447**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-19**	**0.001044**	**447**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-20	0.000242	168	214	No	39	0	n/a	0.01	NP
Boron (mg/L)	GWA-15 (bg)	0	7	111	No	25	92	n/a	0.01	NP
Boron (mg/L)	GWA-16 (bg)	0	0	111	No	25	100	n/a	0.01	NP
Boron (mg/L)	GWA-17 (bg)	0	22	111	No	25	96	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	19	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.2389	98	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-17 (bg)**	**0.2348**	**163**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-4**	**2.244**	**272**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-7**	**0.3953**	**185**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-19**	**1.202**	**298**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-20**	**0.4226**	**144**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-15 (bg)**	**0.09848**	**124**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-16 (bg)	0	-20	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.02559	-102	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	**GWC-4**	**2.396**	**304**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-7**	**0.3139**	**208**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-19**	**0.1404**	**158**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-20**	**0.04555**	**130**	**111**	**Yes**	**25**	**4**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-15 (bg)	0	13	214	No	39	92.31	n/a	0.01	NP
Chromium (mg/L)	**GWA-16 (bg)**	**0.0001673**	**278**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-17 (bg)**	**0.0001994**	**333**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWC-7	0.00007334	82	223	No	40	0	n/a	0.01	NP
Mercury (mg/L)	GWA-15 (bg)	0	38	214	No	39	89.74	n/a	0.01	NP
Mercury (mg/L)	GWA-16 (bg)	0	68	214	No	39	89.74	n/a	0.01	NP
Mercury (mg/L)	GWA-17 (bg)	0	62	214	No	39	84.62	n/a	0.01	NP
Mercury (mg/L)	GWC-20	0	83	214	No	39	82.05	n/a	0.01	NP
Nickel (mg/L)	**GWA-15 (bg)**	**-4.2e-12**	**-200**	**-176**	**Yes**	**34**	**61.76**	**n/a**	**0.01**	**NP**
Nickel (mg/L)	GWA-16 (bg)	0	-8	-167	No	33	96.97	n/a	0.01	NP
Nickel (mg/L)	GWA-17 (bg)	0	-67	-176	No	34	85.29	n/a	0.01	NP
Nickel (mg/L)	GWC-19	0	4	167	No	33	66.67	n/a	0.01	NP
pH, Field (SU)	GWA-15 (bg)	-0.008343	-127	-223	No	40	0	n/a	0.01	NP
pH, Field (SU)	GWA-16 (bg)	0.009152	117	214	No	39	0	n/a	0.01	NP
pH, Field (SU)	**GWA-17 (bg)**	**0.03948**	**412**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-19	-0.006722	-1.347	-2.58	No	42	0	n/a	0.01	NP
Selenium (mg/L)	GWA-15 (bg)	0	-2	-214	No	39	97.44	n/a	0.01	NP
Selenium (mg/L)	GWA-16 (bg)	0	11	214	No	39	92.31	n/a	0.01	NP
Selenium (mg/L)	GWA-17 (bg)	0	15	214	No	39	94.87	n/a	0.01	NP
Selenium (mg/L)	GWC-4	0	-65	-223	No	40	75	n/a	0.01	NP
Sulfate (mg/L)	**GWA-15 (bg)**	**0.2343**	**182**	**111**	**Yes**	**25**	**28**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-16 (bg)	0	38	111	No	25	80	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	15	111	No	25	76	n/a	0.01	NP
Sulfate (mg/L)	**GWC-3**	**0.5034**	**194**	**146**	**Yes**	**30**	**36.67**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-4**	**7.481**	**249**	**131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-7**	**0**	**113**	**111**	**Yes**	**25**	**64**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-19	0	64	111	No	25	76	n/a	0.01	NP
TDS (mg/L)	GWA-15 (bg)	2.064	100	111	No	25	8	n/a	0.01	NP
TDS (mg/L)	GWA-16 (bg)	2.872	64	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**GWA-17 (bg)**	**3.621**	**114**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWC-1	1.829	75	111	No	25	0	n/a	0.01	NP

Appendix I & III Trend Tests - Prediction Limit Exceedances - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 9/9/2025, 2:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
TDS (mg/L)	GWC-3	2.34	69	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**GWC-4**	**20.81**	**269**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWC-7	3.221	106	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**GWC-18**	**2.218**	**113**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-19**	**6.533**	**195**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-20**	**4.049**	**138**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Zinc (mg/L)	GWA-15 (bg)	0	-41	-176	No	34	94.12	n/a	0.01	NP
Zinc (mg/L)	GWA-16 (bg)	0	-35	-176	No	34	94.12	n/a	0.01	NP
Zinc (mg/L)	GWA-17 (bg)	0	2	176	No	34	91.18	n/a	0.01	NP
Zinc (mg/L)	GWC-19	0	41	167	No	33	93.94	n/a	0.01	NP

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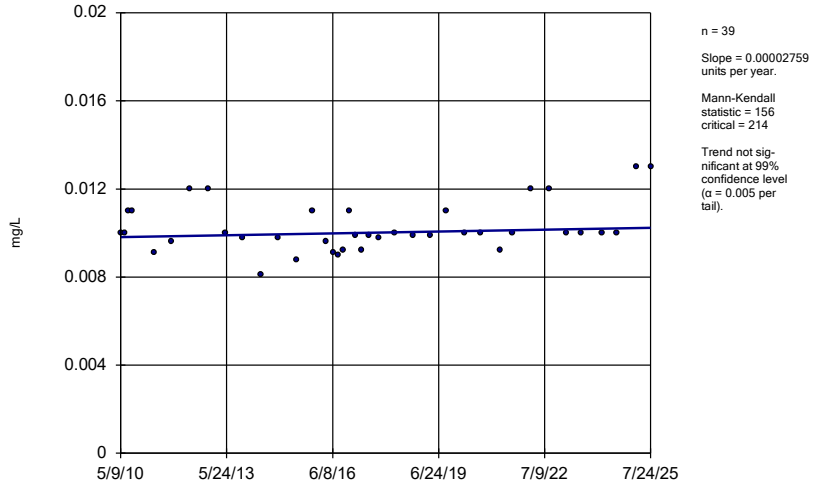
Sen's Slope Estimator

GWA-15 (bg)



n = 39

Slope = 0.00002759 units per year.

Mann-Kendall statistic = 156 critical = 214

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/9/2025 2:54 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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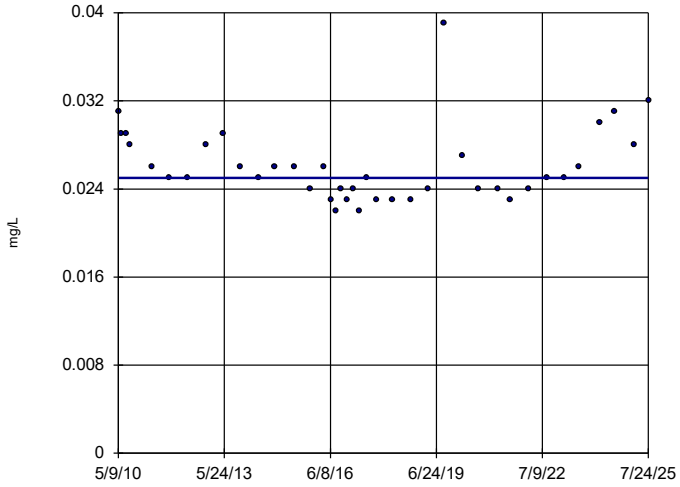
Sen's Slope Estimator

GWA-16 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = -69 critical = -214

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/9/2025 2:54 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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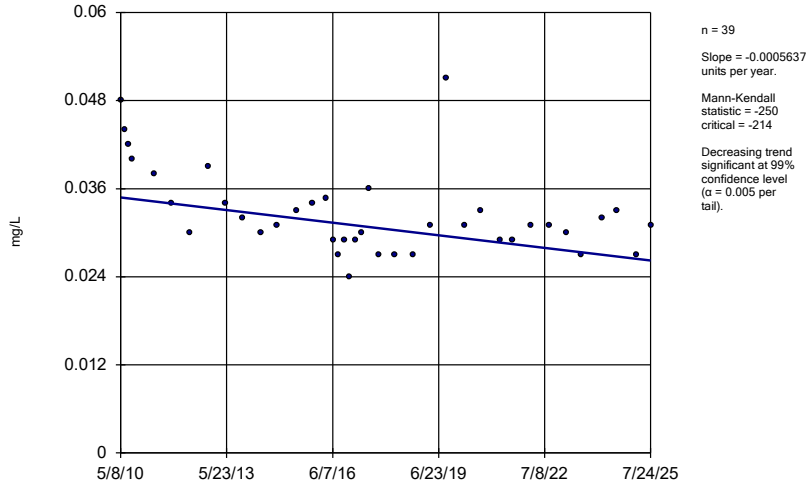
Sen's Slope Estimator

GWA-17 (bg)



n = 39

Slope = -0.0005637 units per year.

Mann-Kendall statistic = -250 critical = -214

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/9/2025 2:54 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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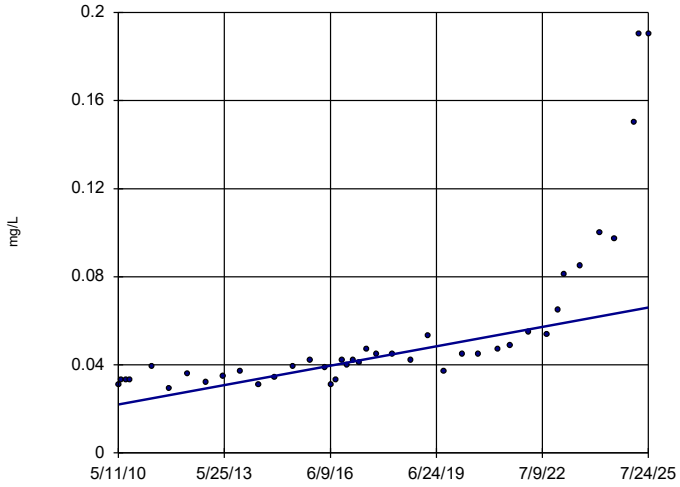
Sen's Slope Estimator

GWC-4



n = 41

Slope = 0.002902 units per year.

Mann-Kendall normal approx. = 7.136 critical = 2.58

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/9/2025 2:54 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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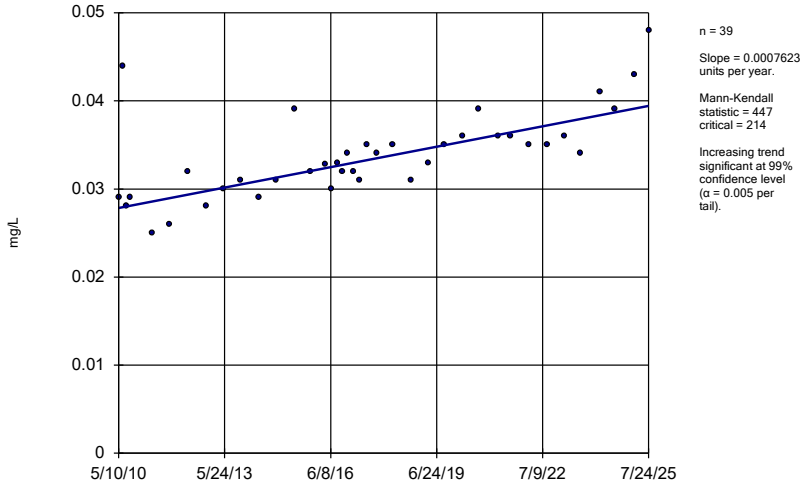
Sen's Slope Estimator

GWC-7



n = 39

Slope = 0.0007623 units per year.

Mann-Kendall statistic = 447
critical = 214

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/9/2025 2:54 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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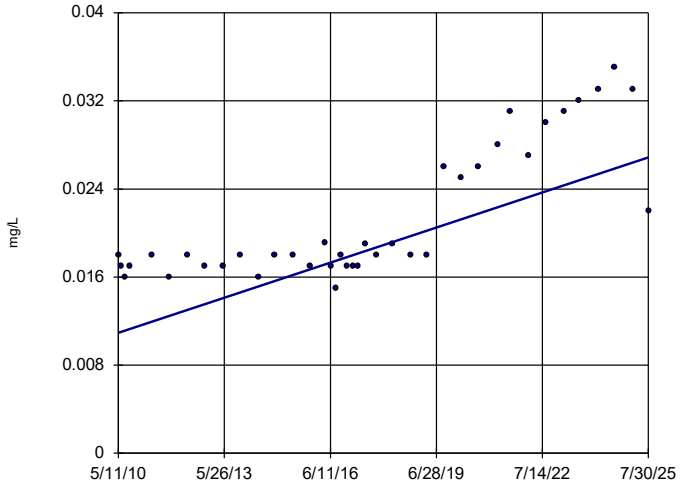
Sen's Slope Estimator

GWC-19



n = 39

Slope = 0.001044 units per year.

Mann-Kendall statistic = 447
critical = 214

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/9/2025 2:54 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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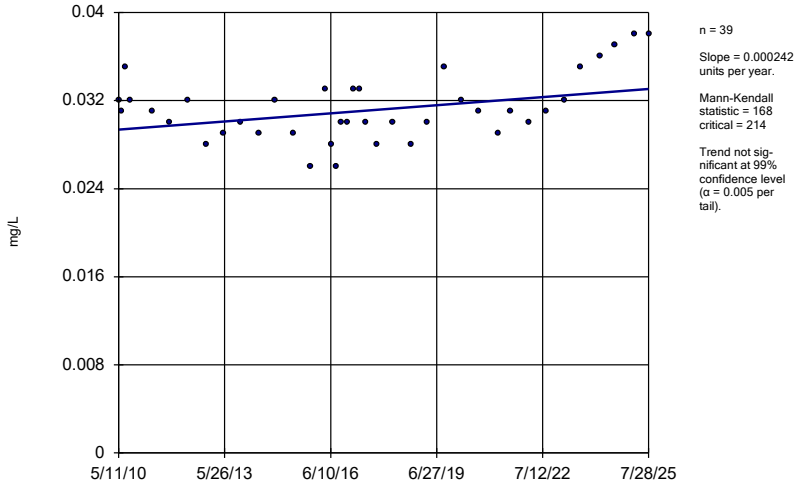
Sen's Slope Estimator

GWC-20



n = 39

Slope = 0.000242 units per year.

Mann-Kendall statistic = 168
critical = 214

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/9/2025 2:54 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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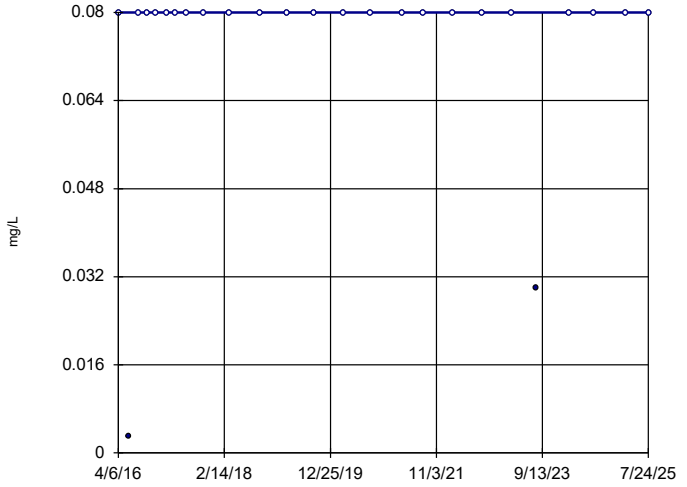
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 7
critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/9/2025 2:54 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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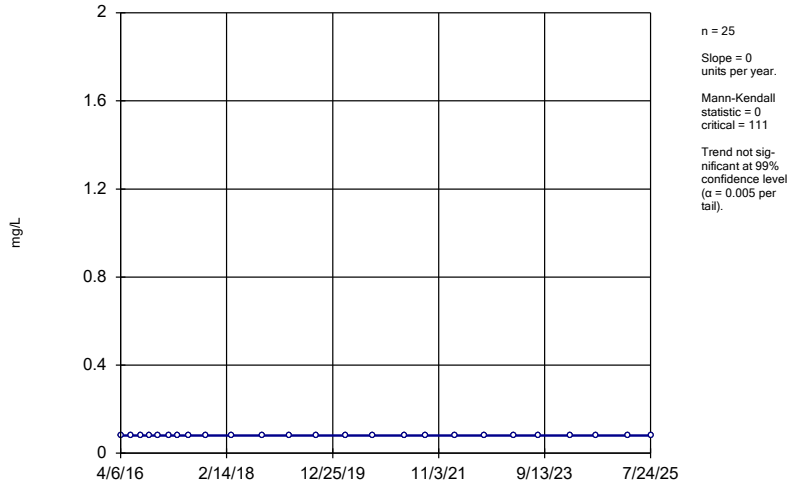
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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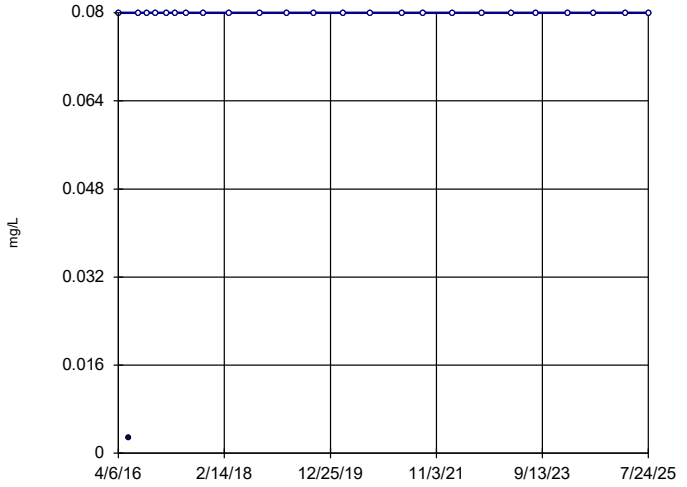
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 22 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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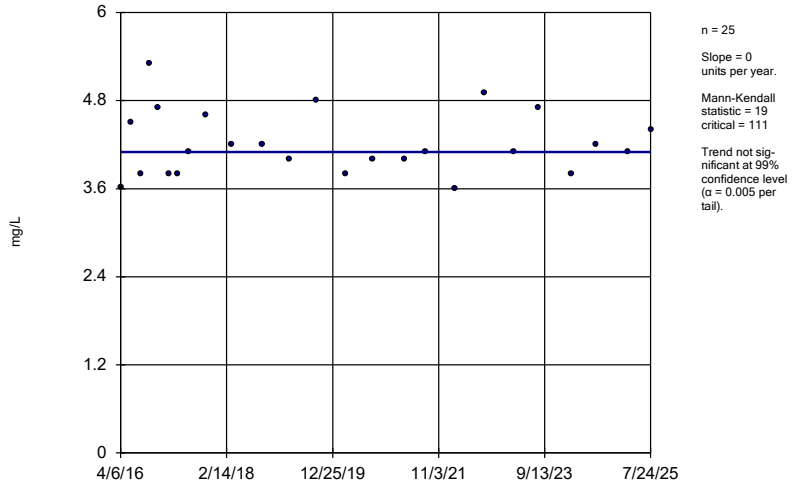
Sen's Slope Estimator

GWA-15 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 19 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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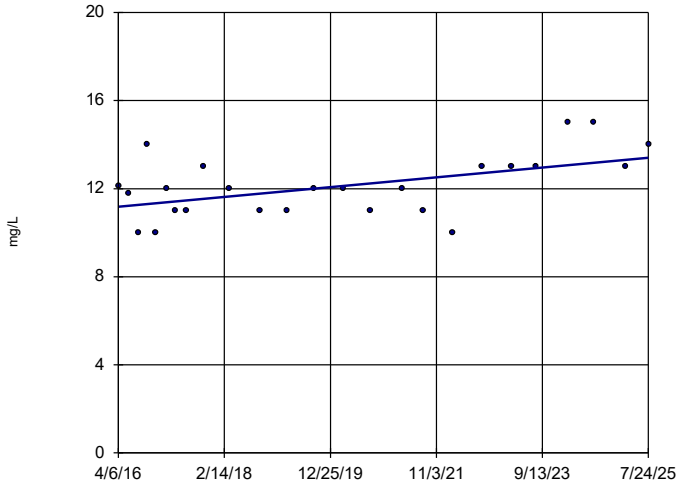
Sen's Slope Estimator

GWA-16 (bg)



n = 25

Slope = 0.2389 units per year.

Mann-Kendall statistic = 98 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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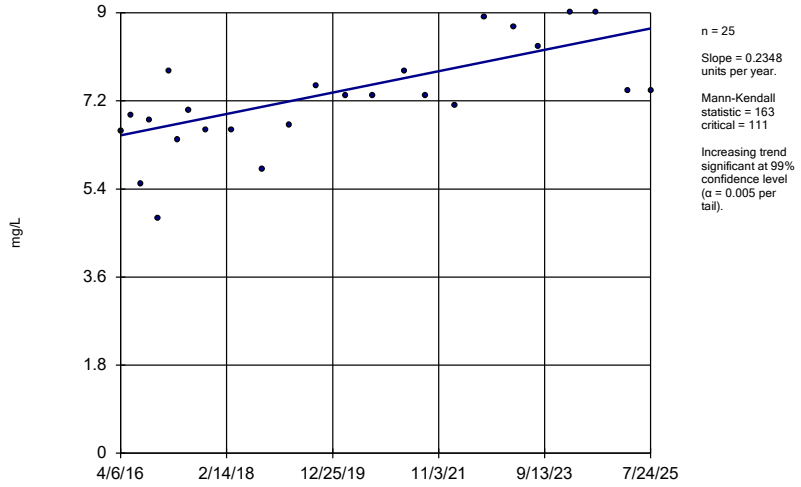
Sen's Slope Estimator

GWA-17 (bg)



n = 25

Slope = 0.2348 units per year.

Mann-Kendall statistic = 163 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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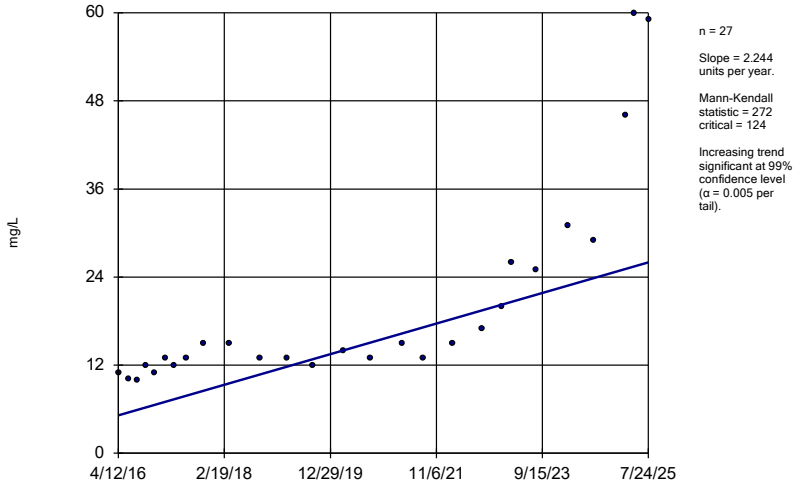
Sen's Slope Estimator

GWC-4



n = 27

Slope = 2.244 units per year.

Mann-Kendall statistic = 272 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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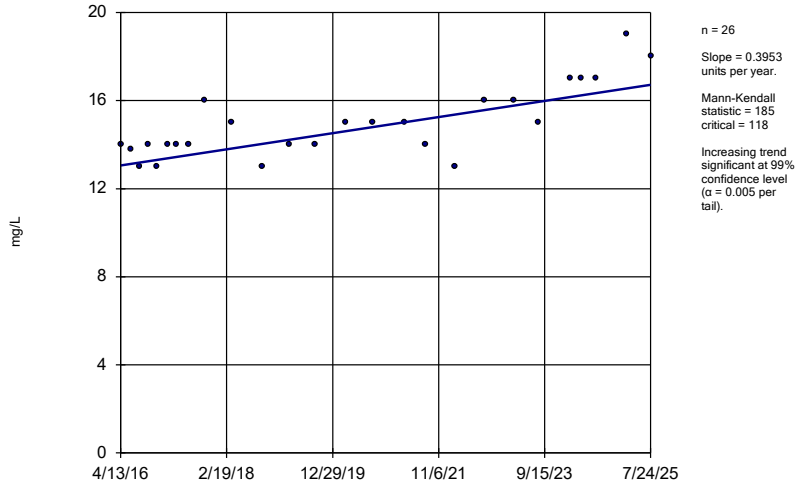
Sen's Slope Estimator

GWC-7



n = 26

Slope = 0.3953 units per year.

Mann-Kendall statistic = 185 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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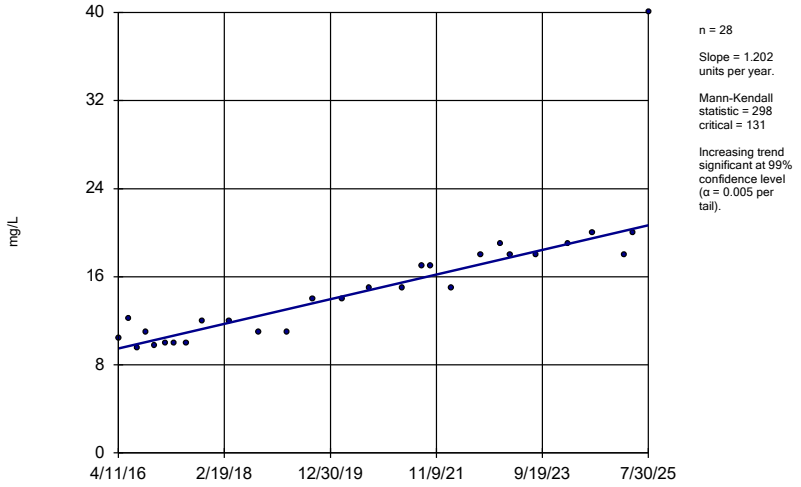
Sen's Slope Estimator

GWC-19



n = 28

Slope = 1.202 units per year.

Mann-Kendall statistic = 298 critical = 131

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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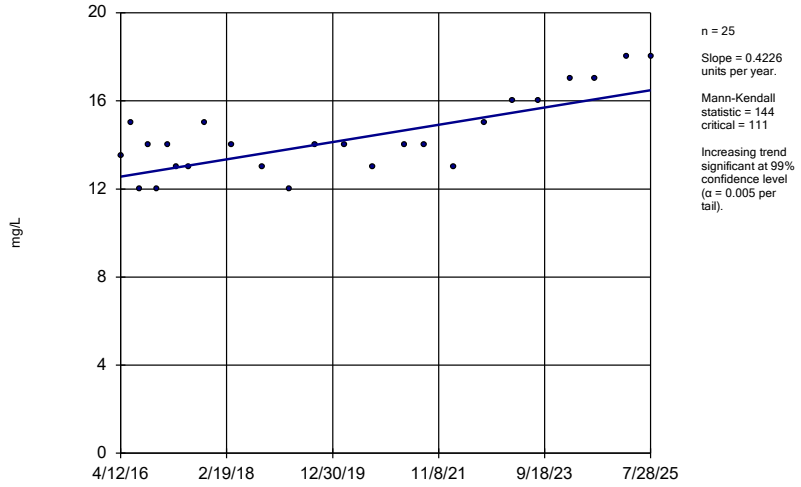
Sen's Slope Estimator

GWC-20



n = 25

Slope = 0.4226 units per year.

Mann-Kendall statistic = 144 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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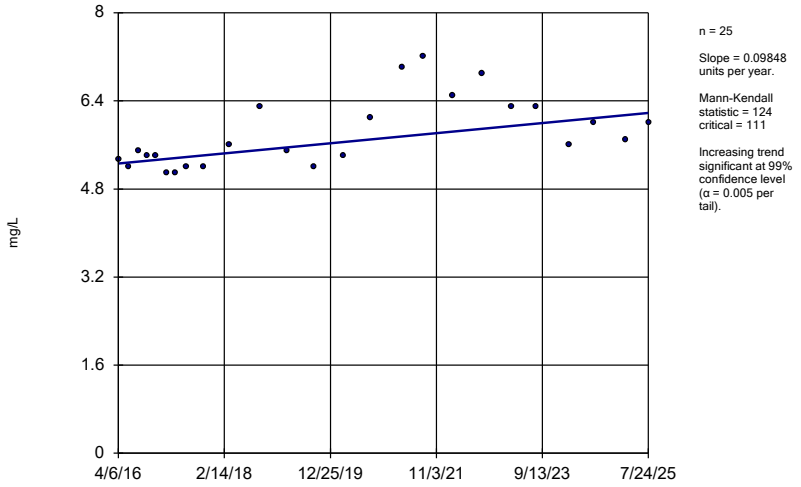
Sen's Slope Estimator

GWA-15 (bg)



n = 25

Slope = 0.09848 units per year.

Mann-Kendall statistic = 124 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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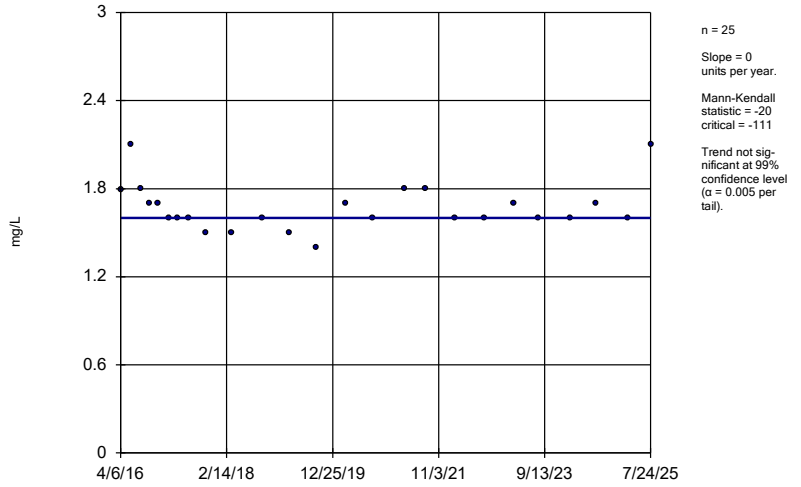
Sen's Slope Estimator

GWA-16 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -20 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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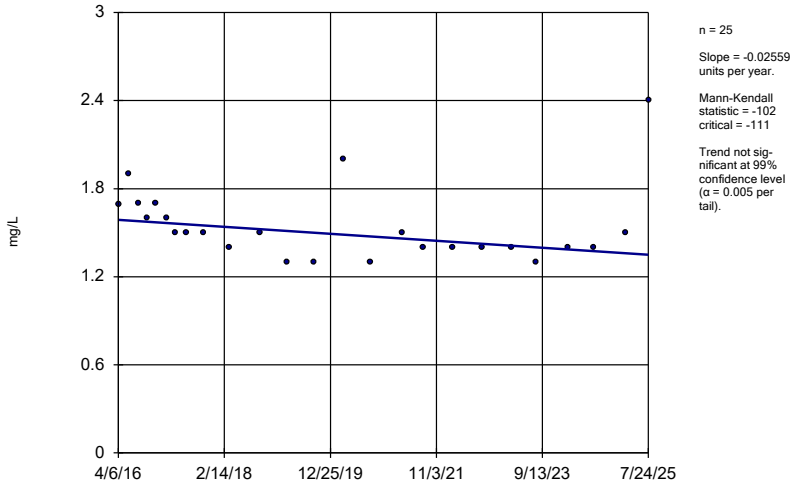
Sen's Slope Estimator

GWA-17 (bg)



n = 25

Slope = -0.02559 units per year.

Mann-Kendall statistic = -102 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

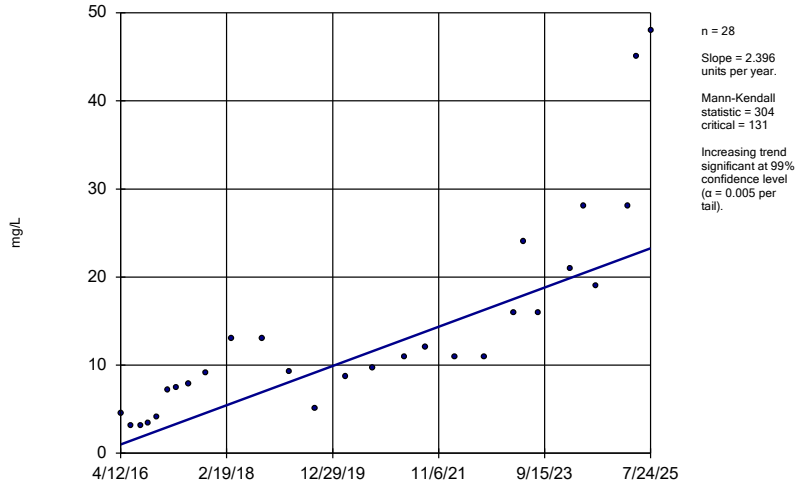
Constituent: Chloride Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-4



n = 28

Slope = 2.396 units per year.

Mann-Kendall statistic = 304 critical = 131

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

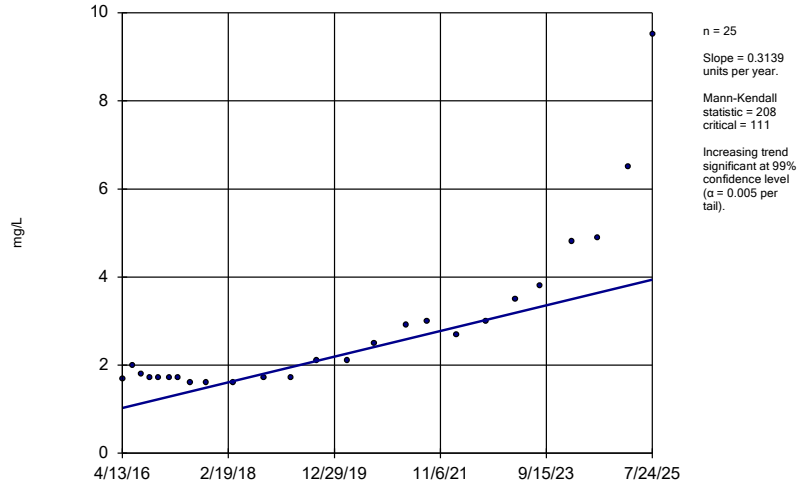
Constituent: Chloride Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-7



n = 25

Slope = 0.3139 units per year.

Mann-Kendall statistic = 208 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

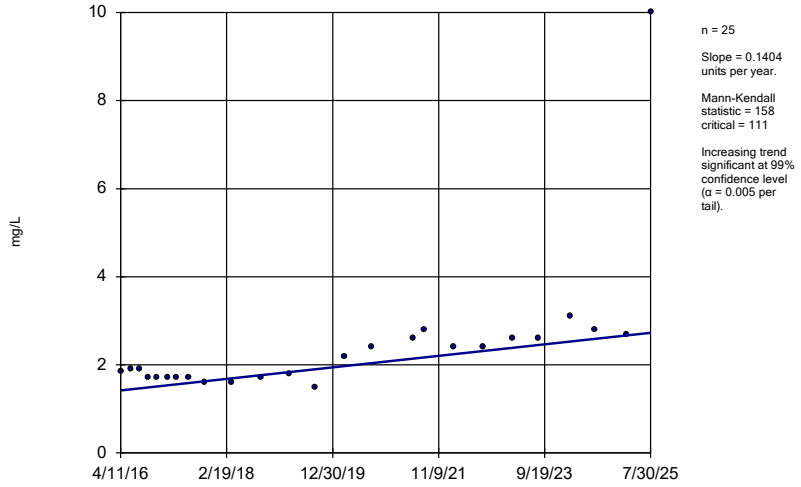
Constituent: Chloride Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-19



n = 25

Slope = 0.1404 units per year.

Mann-Kendall statistic = 158 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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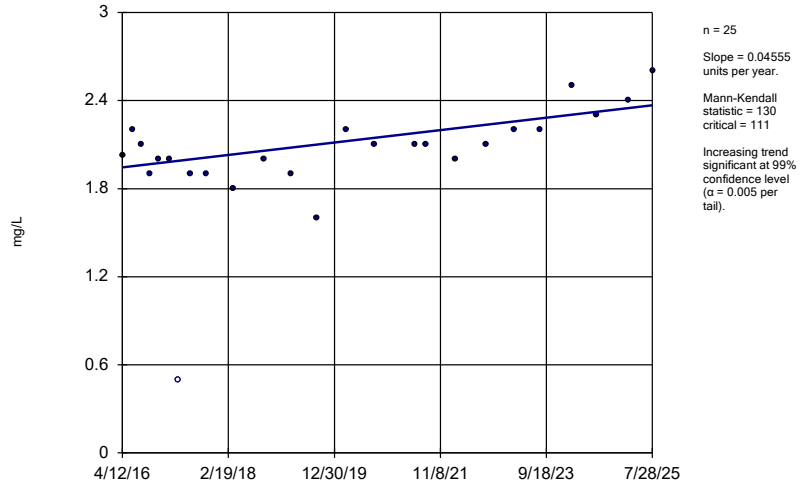
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-20



n = 25

Slope = 0.04555 units per year.

Mann-Kendall statistic = 130 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

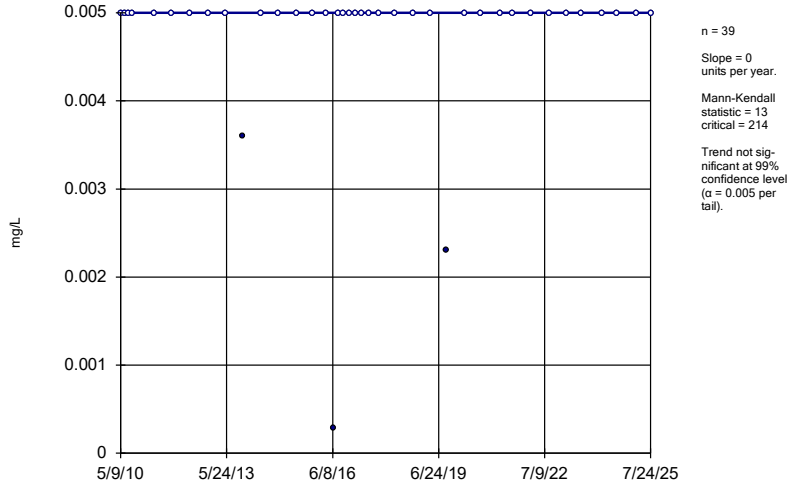
Constituent: Chloride Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = 13
critical = 214

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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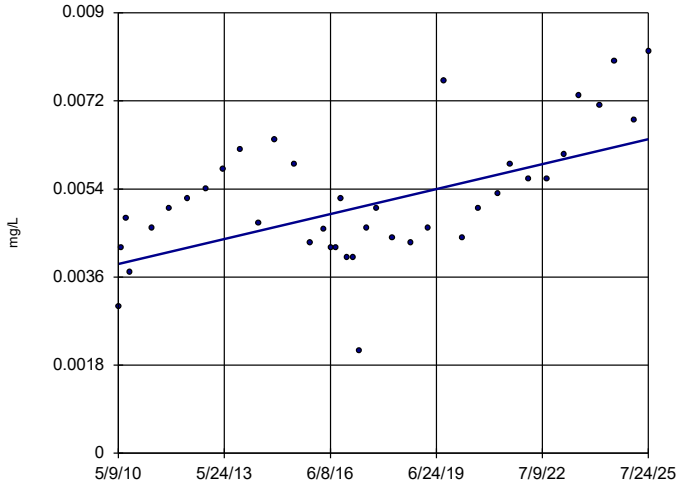
Sen's Slope Estimator

GWA-16 (bg)



n = 39

Slope = 0.0001673 units per year.

Mann-Kendall statistic = 278
critical = 214

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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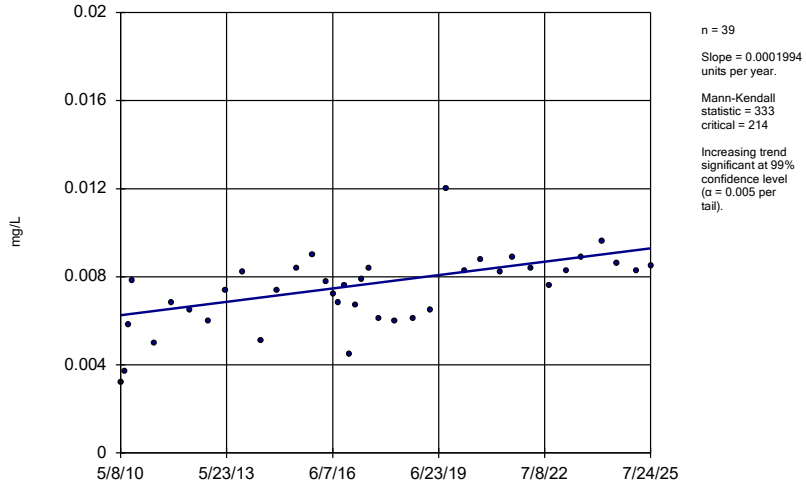
Sen's Slope Estimator

GWA-17 (bg)



n = 39

Slope = 0.0001994 units per year.

Mann-Kendall statistic = 333
critical = 214

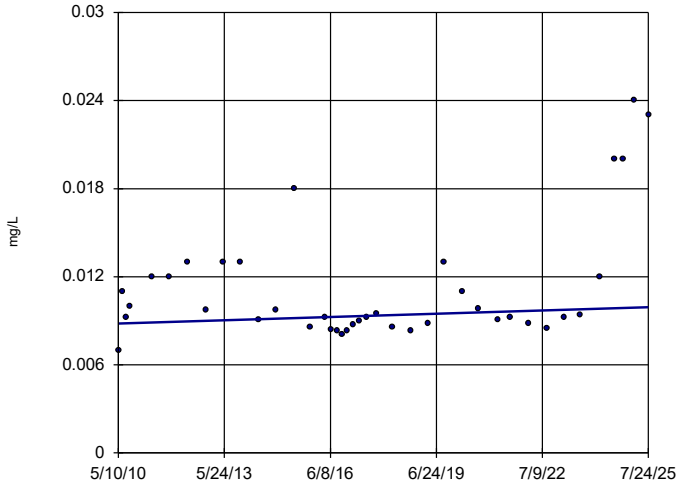
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-7



n = 40

Slope = 0.00007334 units per year.

Mann-Kendall statistic = 82
critical = 223

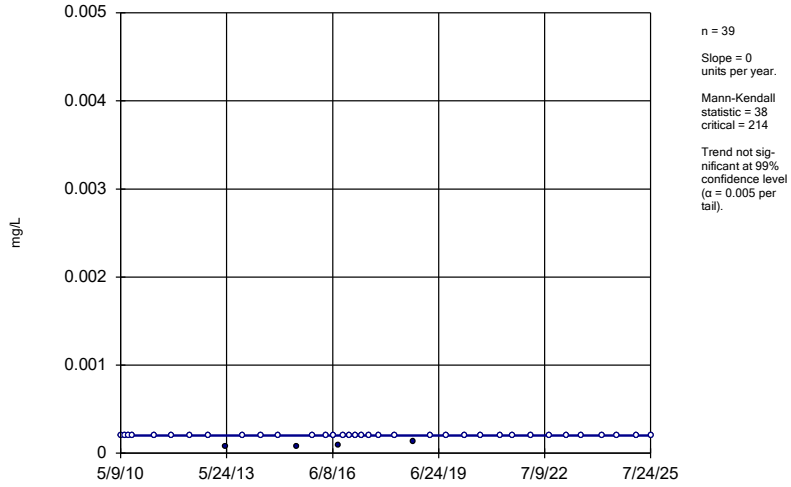
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = 38
critical = 214

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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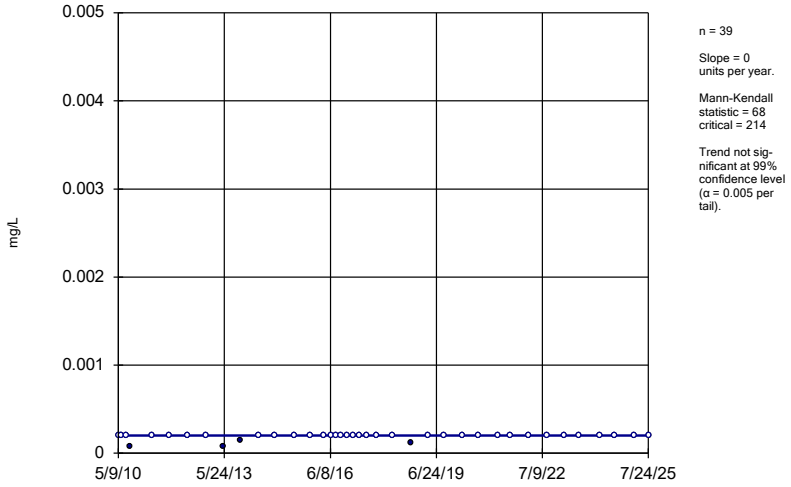
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = 68
critical = 214

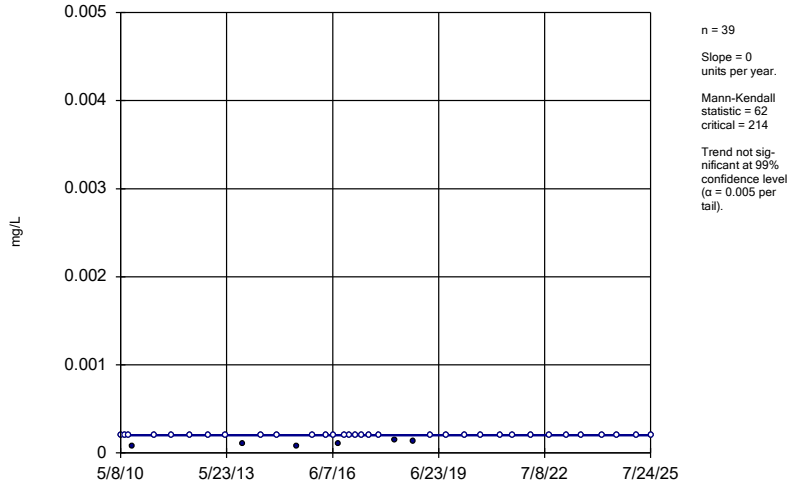
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = 62
critical = 214

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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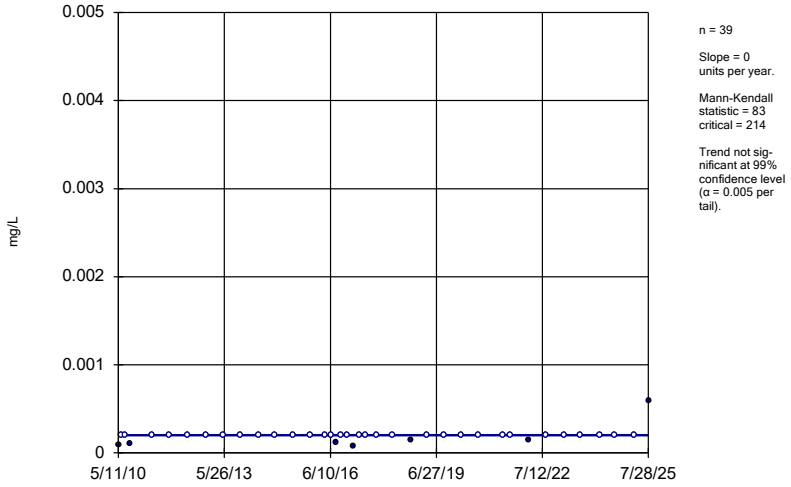
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-20



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = 83
critical = 214

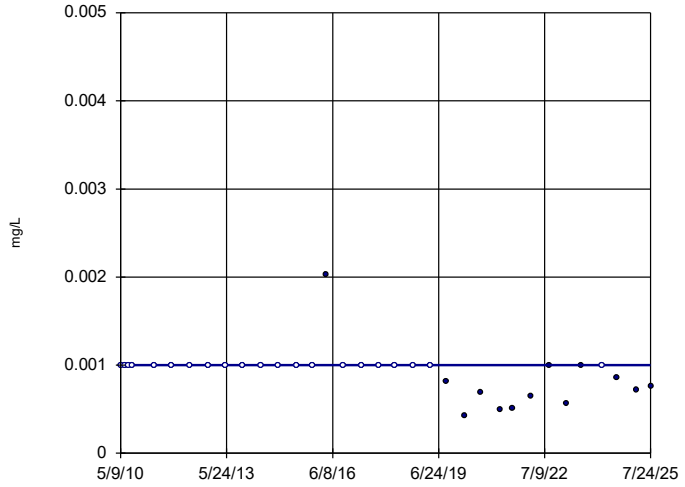
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Mercury Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 34

Slope = -4.2e-12 units per year.

Mann-Kendall statistic = -200
critical = -176

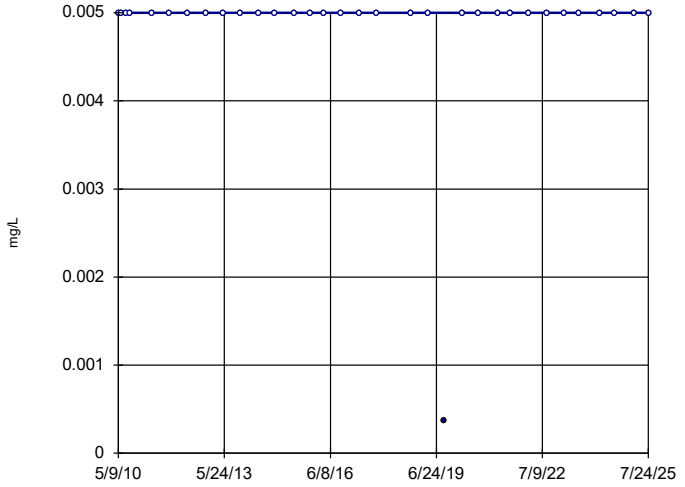
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 33

Slope = 0 units per year.

Mann-Kendall statistic = -8
critical = -167

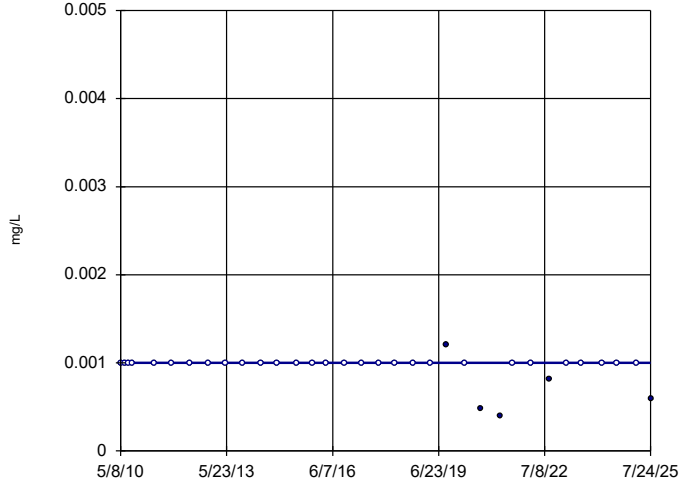
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 34

Slope = 0 units per year.

Mann-Kendall statistic = -67
critical = -176

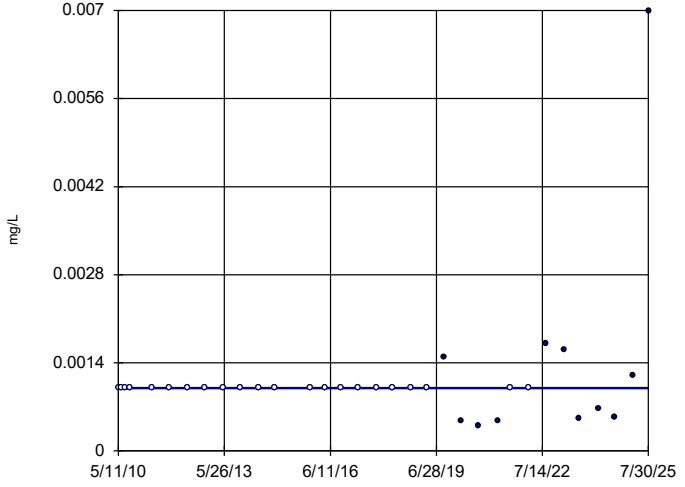
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-19



n = 33

Slope = 0 units per year.

Mann-Kendall statistic = 4
critical = 167

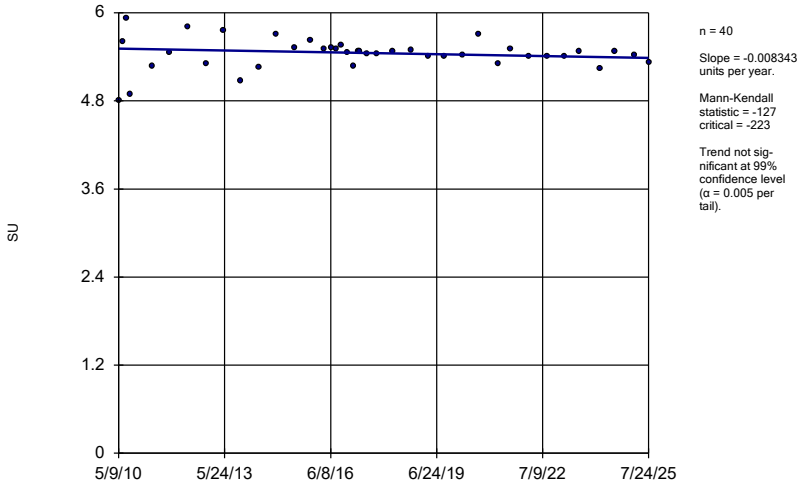
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Nickel Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-15 (bg)



n = 40

Slope = -0.008343 units per year.

Mann-Kendall statistic = -127
critical = -223

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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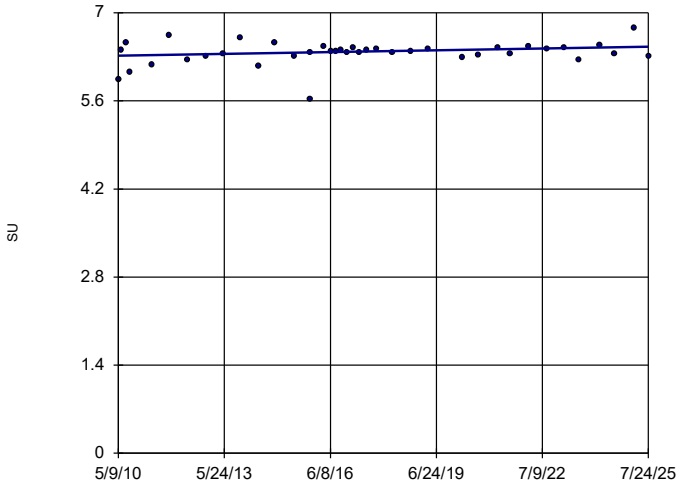
Sen's Slope Estimator

GWA-16 (bg)



n = 39

Slope = 0.009152 units per year.

Mann-Kendall statistic = 117
critical = 214

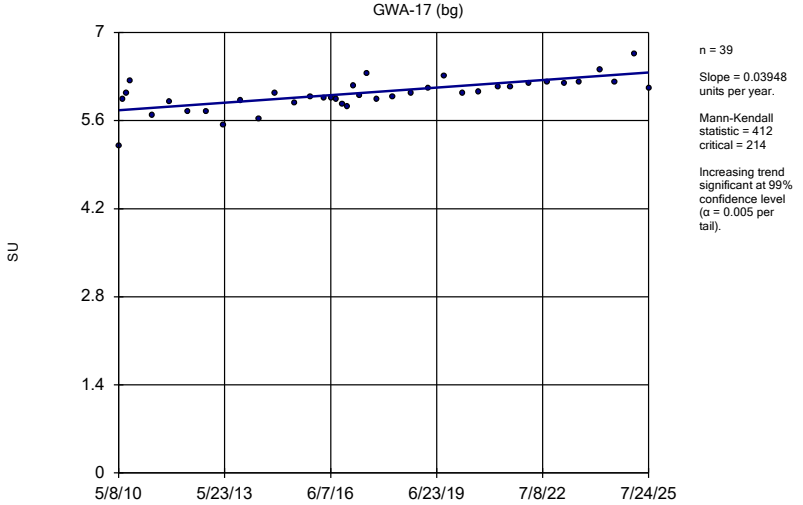
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-17 (bg)



n = 39

Slope = 0.03948 units per year.

Mann-Kendall statistic = 412
critical = 214

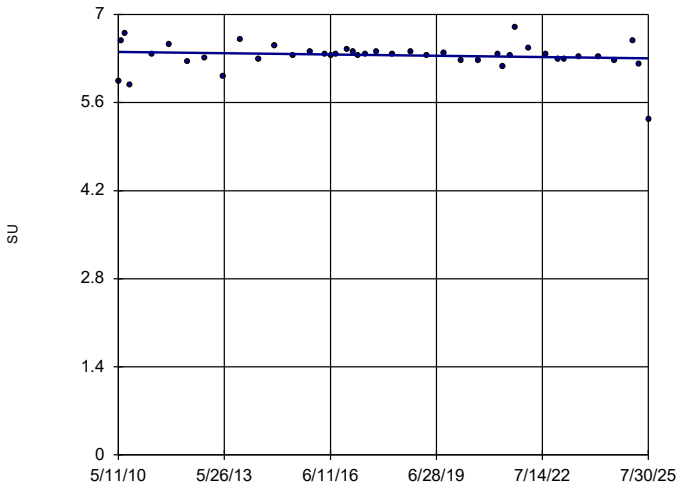
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-19



n = 42

Slope = -0.006722 units per year.

Mann-Kendall normal approx. = -1.347
critical = -2.58

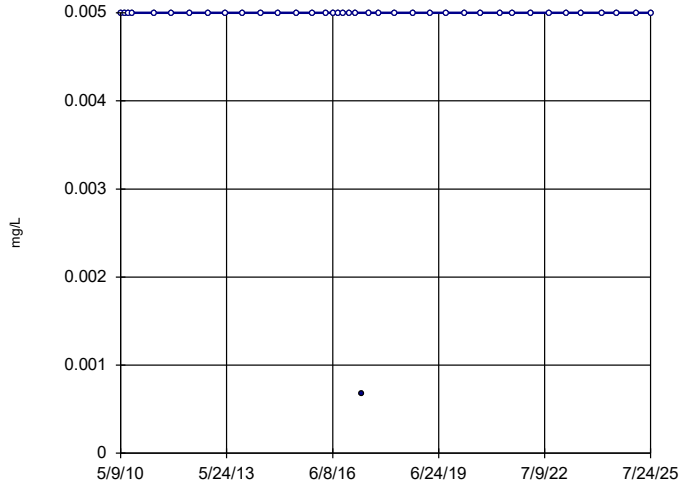
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = -2
critical = -214

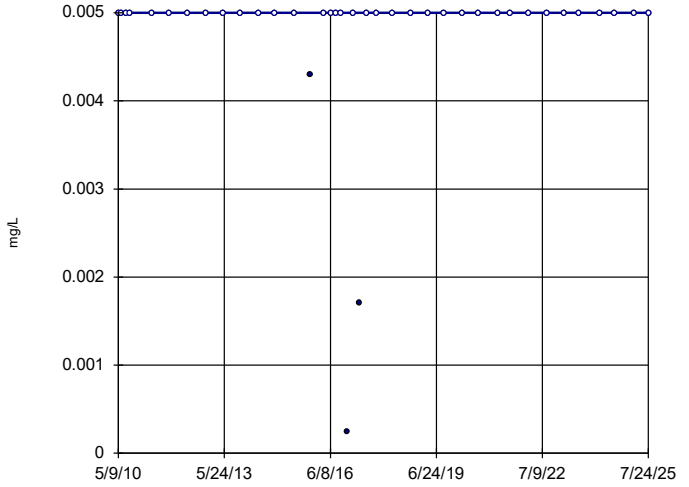
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = 11
critical = 214

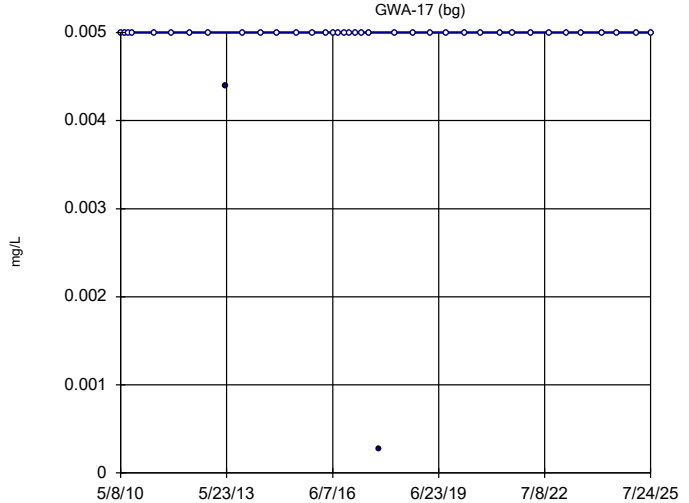
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 39

Slope = 0 units per year.

Mann-Kendall statistic = 15
critical = 214

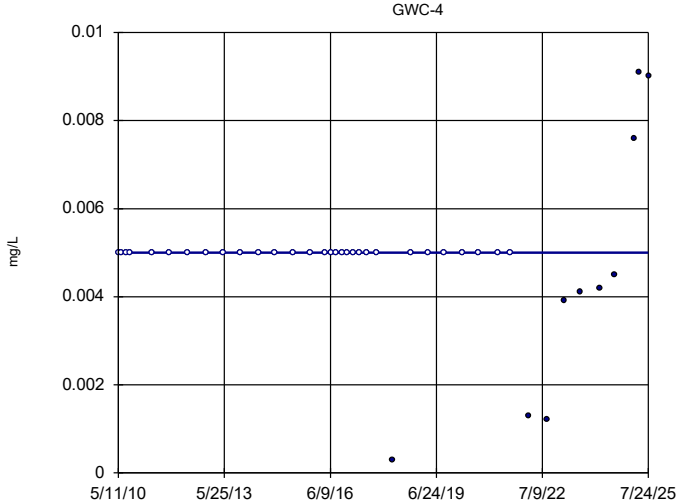
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-4



n = 40

Slope = 0 units per year.

Mann-Kendall statistic = -65
critical = -223

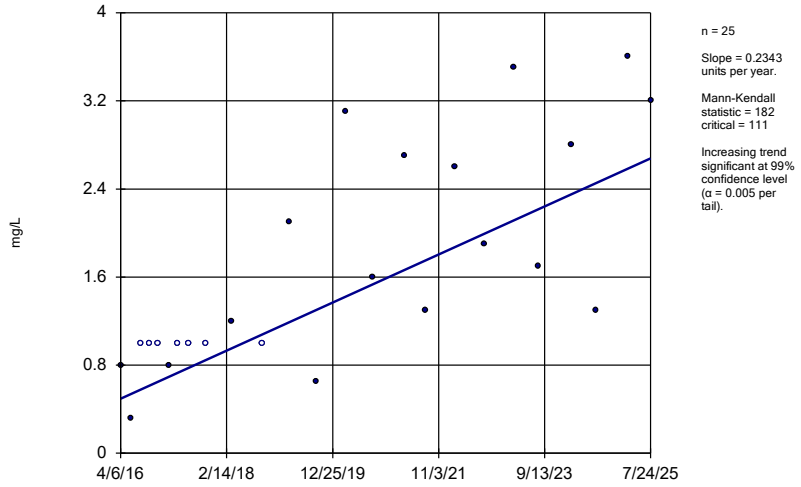
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 25

Slope = 0.2343 units per year.

Mann-Kendall statistic = 182
critical = 111

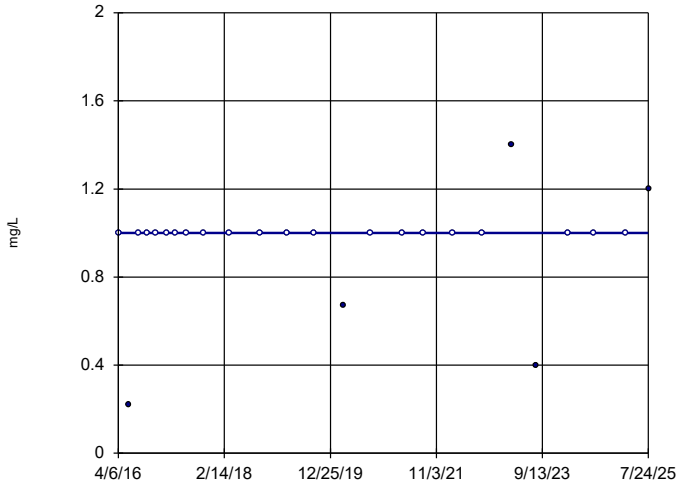
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 38
critical = 111

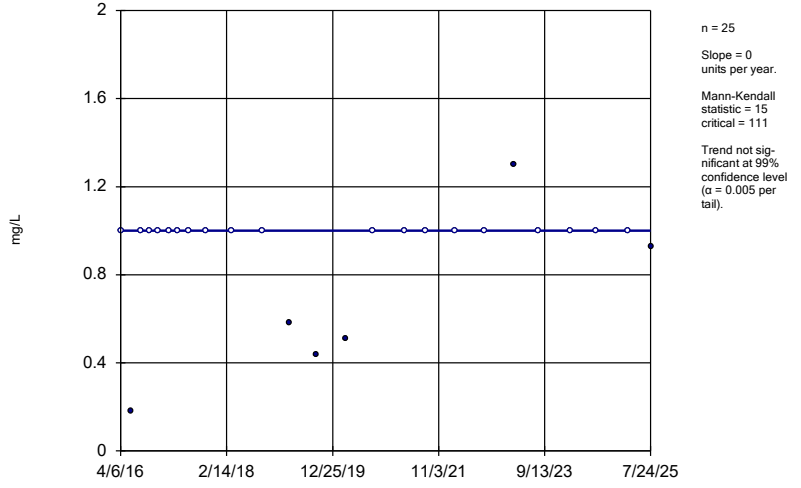
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 15
critical = 111

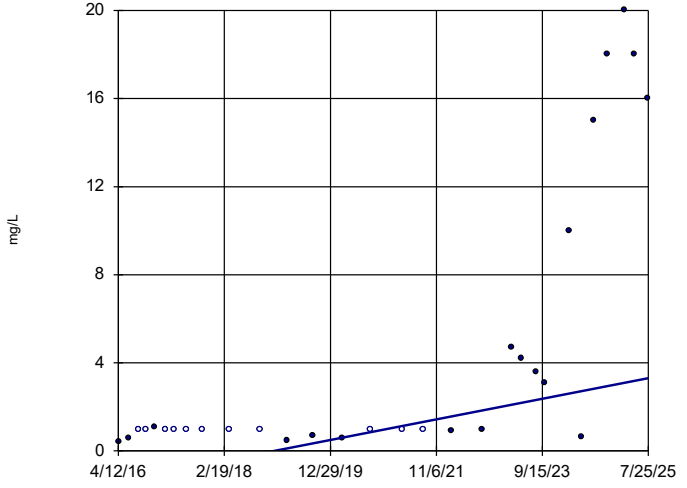
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-3



n = 30

Slope = 0.5034 units per year.

Mann-Kendall statistic = 194
critical = 146

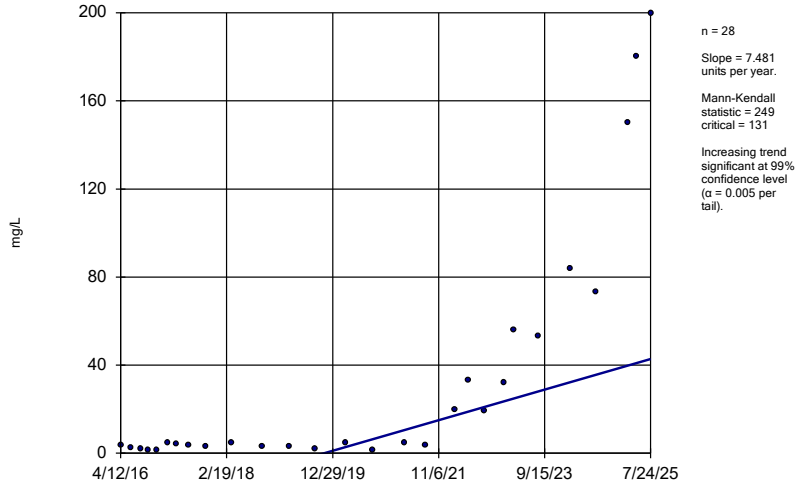
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-4



n = 28

Slope = 7.481 units per year.

Mann-Kendall statistic = 249 critical = 131

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

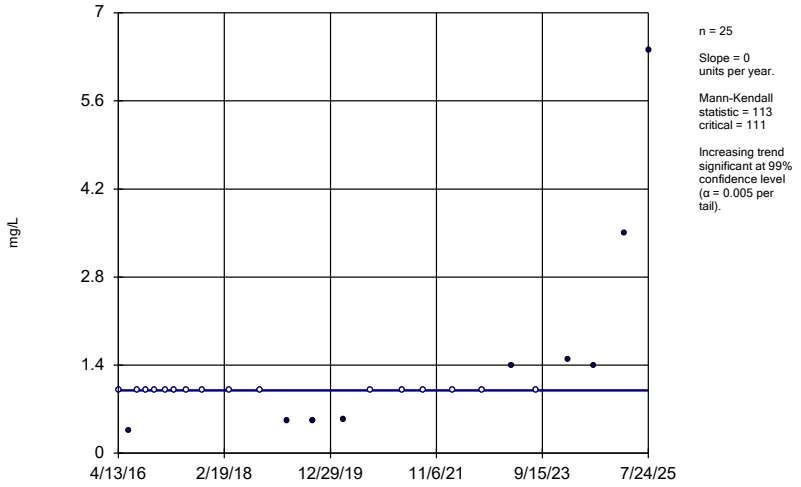
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-7



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 113 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

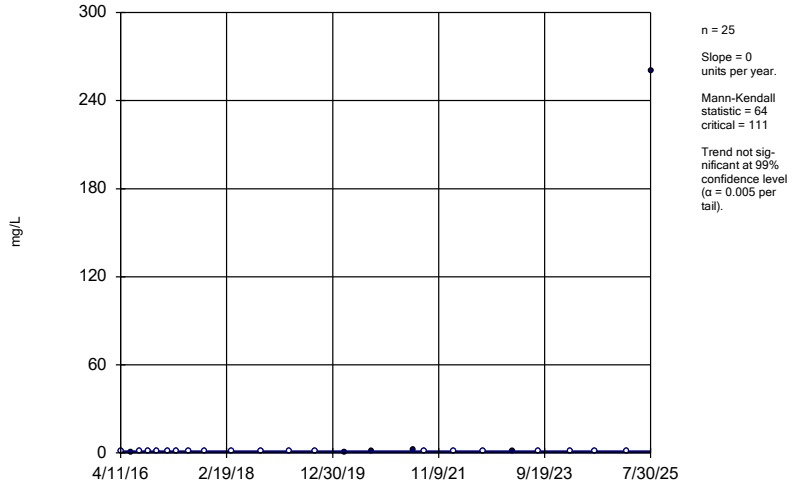
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-19



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 64 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

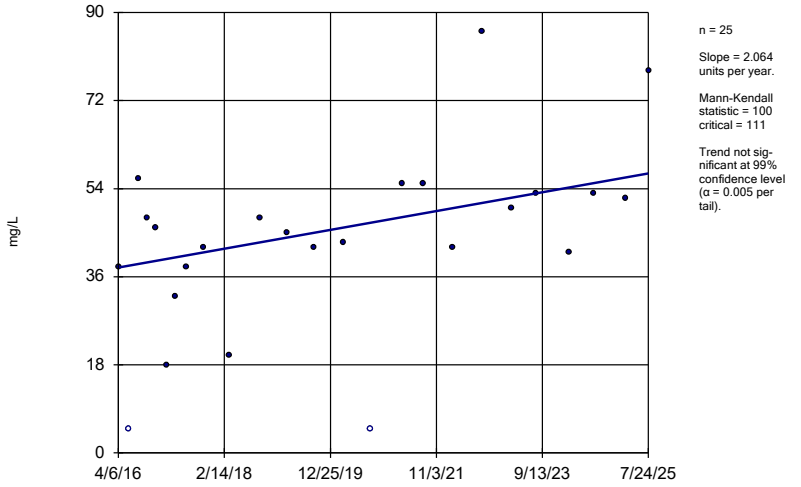
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 25

Slope = 2.064 units per year.

Mann-Kendall statistic = 100 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

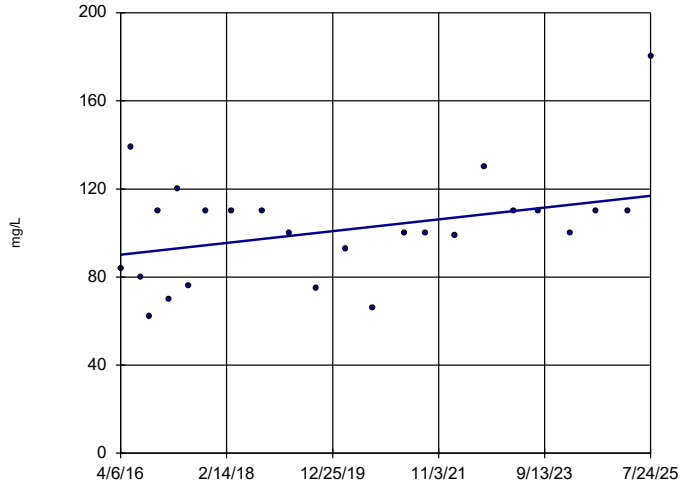
Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-16 (bg)



n = 25

Slope = 2.872 units per year.

Mann-Kendall statistic = 64 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

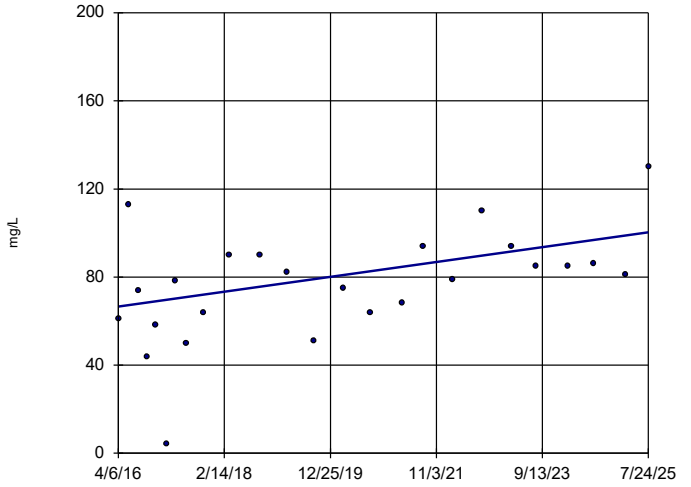
Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-17 (bg)



n = 25

Slope = 3.621 units per year.

Mann-Kendall statistic = 114 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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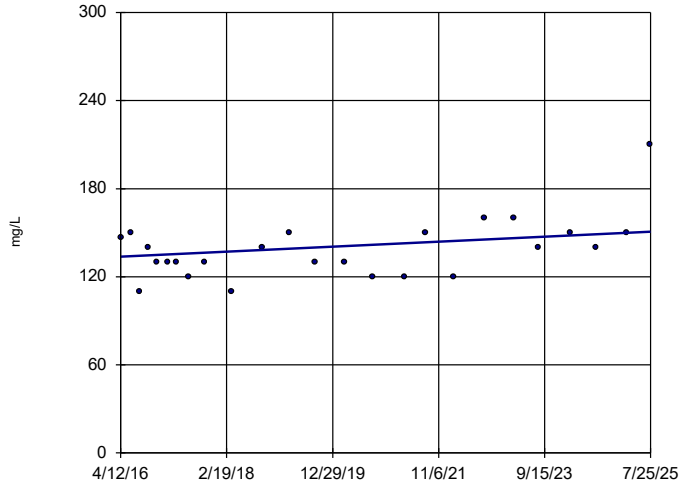
Sen's Slope Estimator

GWC-1



n = 25

Slope = 1.829 units per year.

Mann-Kendall statistic = 75 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

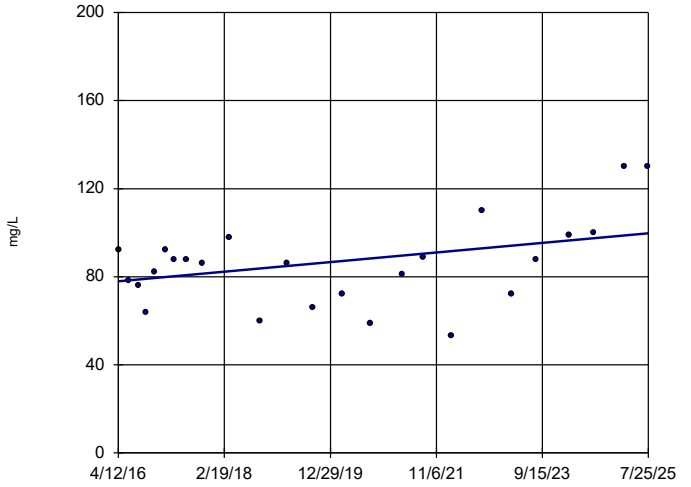
Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-3



n = 25

Slope = 2.34 units per year.

Mann-Kendall statistic = 69 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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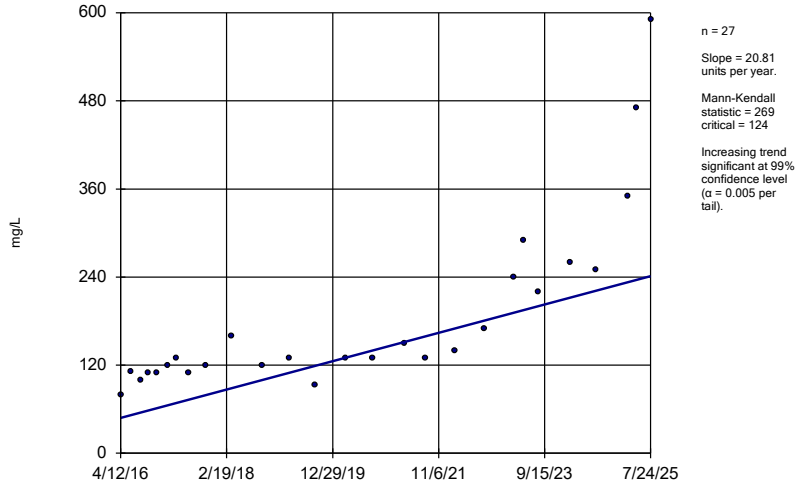
Sen's Slope Estimator

GWC-4



n = 27

Slope = 20.81 units per year.

Mann-Kendall statistic = 269 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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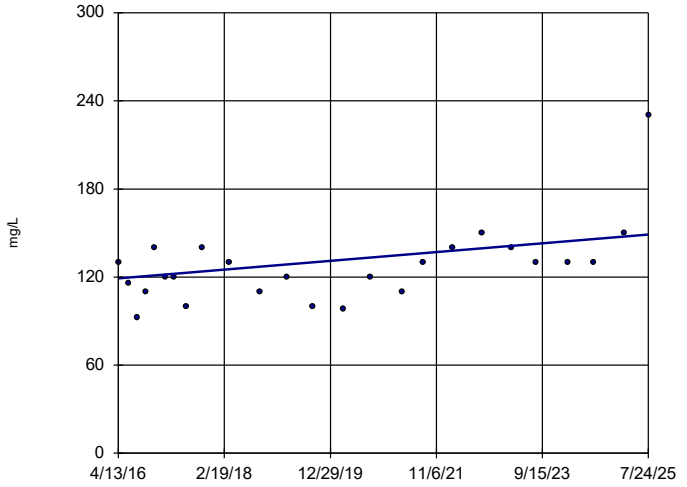
Sen's Slope Estimator

GWC-7



n = 25

Slope = 3.221 units per year.

Mann-Kendall statistic = 106 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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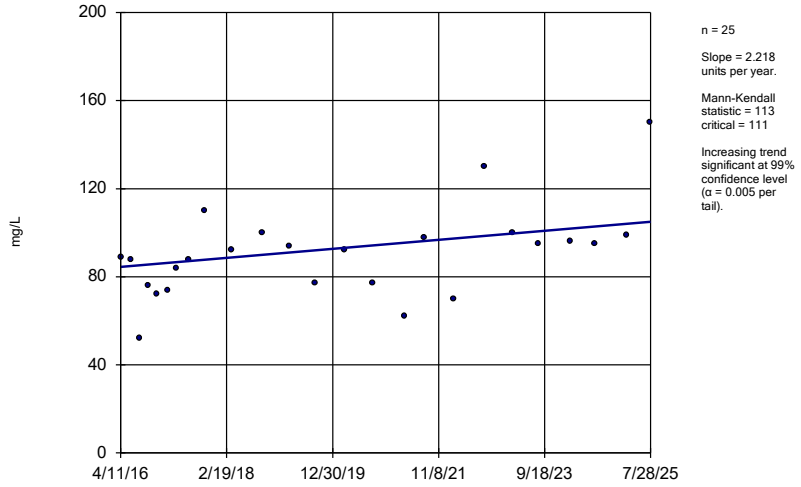
Sen's Slope Estimator

GWC-18



n = 25

Slope = 2.218 units per year.

Mann-Kendall statistic = 113 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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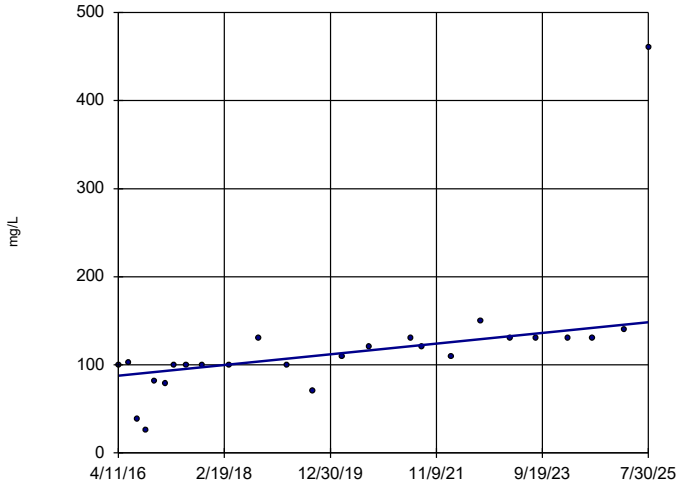
Sen's Slope Estimator

GWC-19



n = 25

Slope = 6.533 units per year.

Mann-Kendall statistic = 195 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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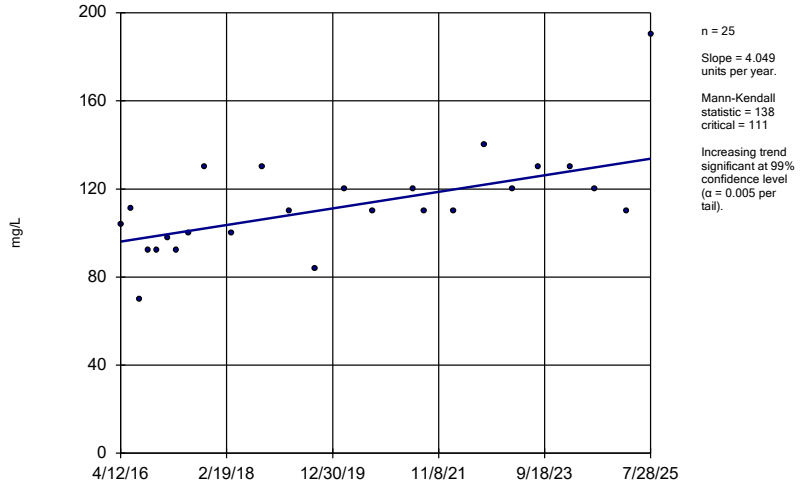
Sen's Slope Estimator

GWC-20



n = 25

Slope = 4.049 units per year.

Mann-Kendall statistic = 138 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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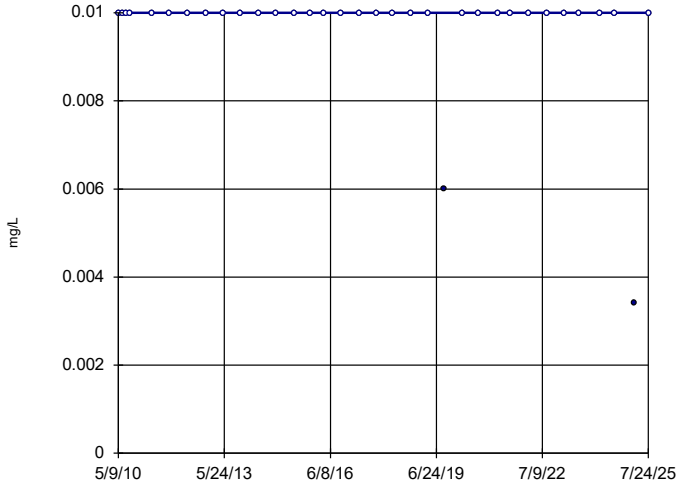
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 34

Slope = 0 units per year.

Mann-Kendall statistic = -41 critical = -176

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Zinc Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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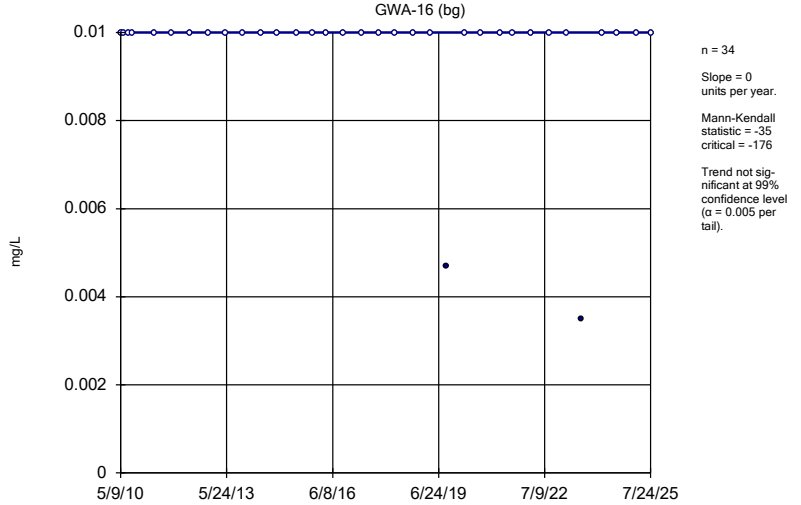
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 34

Slope = 0 units per year.

Mann-Kendall statistic = -35 critical = -176

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Zinc Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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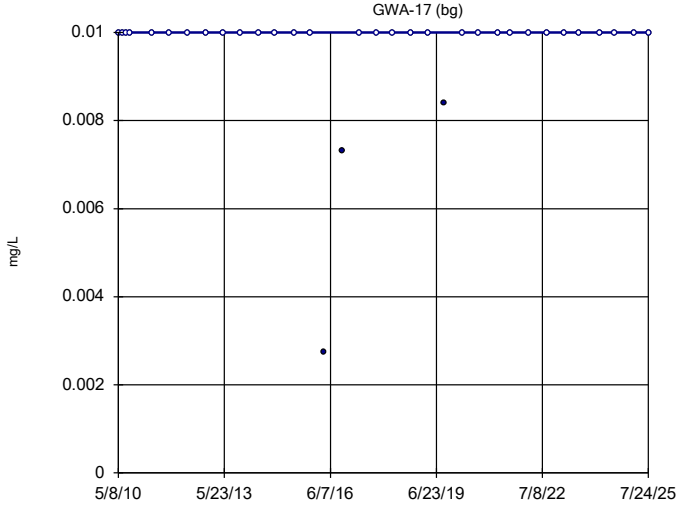
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 34

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 176

Trend not significant at 99% confidence level (α = 0.005 per tail).

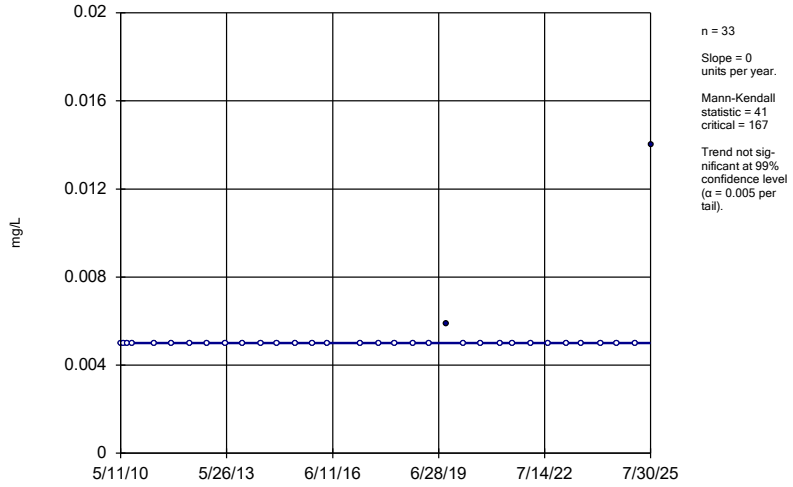
Constituent: Zinc Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-19



n = 33

Slope = 0 units per year.

Mann-Kendall statistic = 41 critical = 167

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Zinc Analysis Run 9/9/2025 2:55 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE J.

Appendix I Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:47 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**10/21/2025**	**0.16**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**10/20/2025**	**0.027**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**10/21/2025**	**0.02**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:47 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**10/21/2025**	**0.16**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**10/20/2025**	**0.027**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Mercury (mg/L)	GWC-20	0.0002	n/a	10/21/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0017	n/a	10/20/2025	0.0014J	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**10/21/2025**	**0.02**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Zinc (mg/L)	GWC-19	0.01	n/a	10/20/2025	0.01ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2

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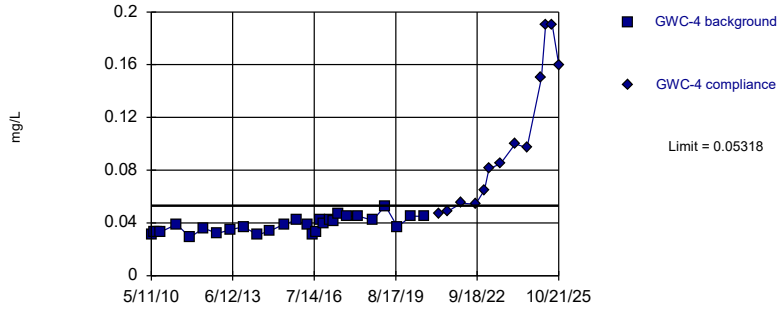
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 12/11/2025 1:46 PM View: Appendix I - Intrawell Resample

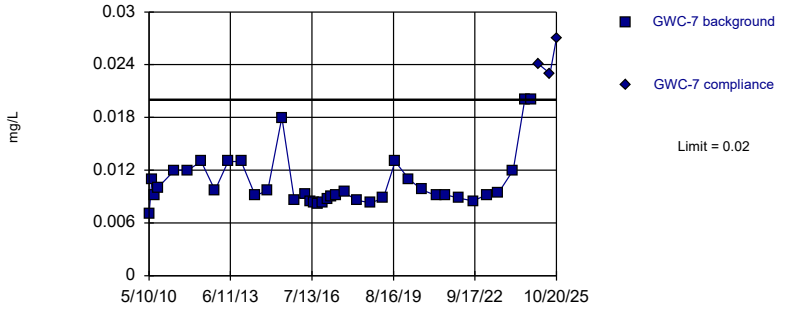
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Chromium Analysis Run 12/11/2025 1:46 PM View: Appendix I - Intrawell Resample

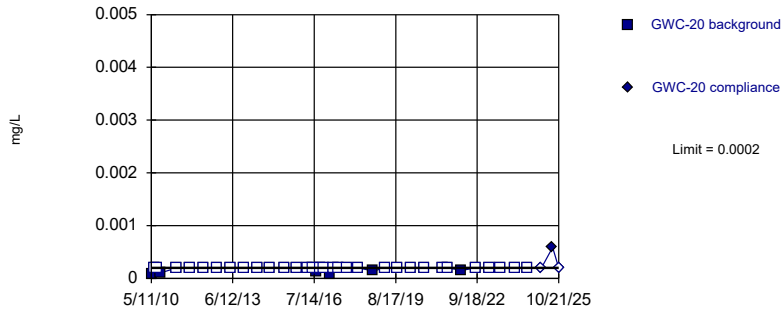
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Mercury Analysis Run 12/11/2025 1:46 PM View: Appendix I - Intrawell Resample

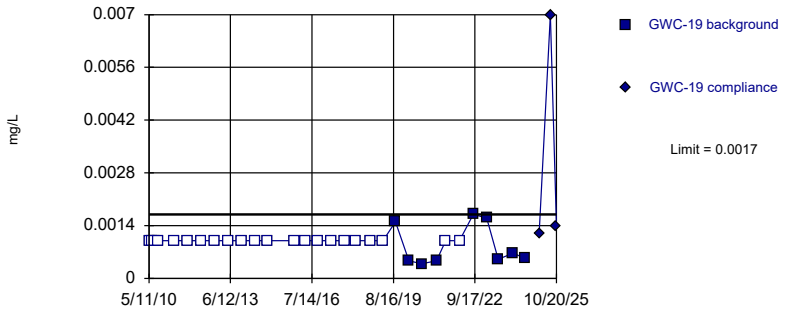
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 12/11/2025 1:46 PM View: Appendix I - Intrawell Resample

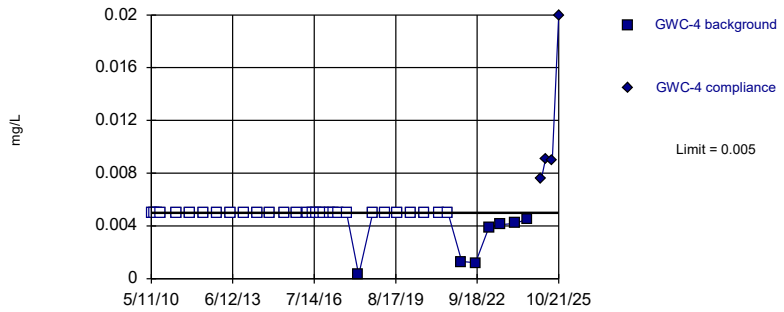
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 12/11/2025 1:46 PM View: Appendix I - Intrawell Resample

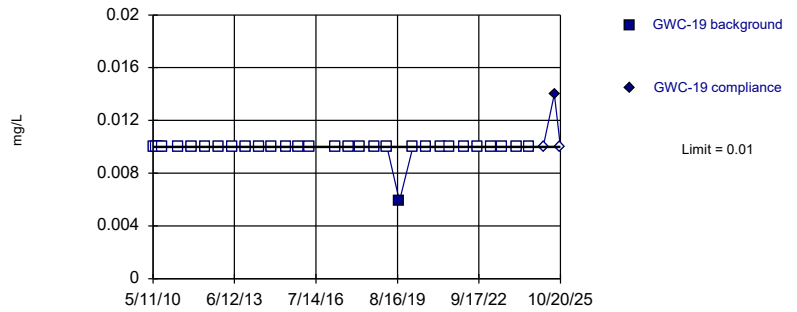
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Zinc Analysis Run 12/11/2025 1:46 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:47 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
8/25/2022		0.054
12/28/2022		0.065
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1
8/7/2024		0.097
2/25/2025		0.15
4/22/2025		0.19 (R)
7/24/2025		0.19
10/21/2025		0.16 (R)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:47 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (J)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021	0.0091	
8/11/2021	0.0092	
2/15/2022	0.0088	
8/25/2022	0.0085	
2/27/2023	0.0092	
8/8/2023	0.0094	
2/29/2024	0.012	
8/6/2024	0.02	
11/6/2024	0.02	
2/24/2025		0.024
7/24/2025		0.023
10/20/2025		0.027 (R)

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 12/11/2025 1:47 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	8.5E-05 (J)	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.0001415 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	0.00015 (J)	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/28/2025		0.00059
10/21/2025		<0.0002 (R)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 12/11/2025 1:47 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021	0.00047 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	0.0017	
2/28/2023	0.0016	
8/8/2023	0.00051 (J)	
2/29/2024	0.00067 (J)	
8/6/2024	0.00053 (J)	
2/25/2025		0.0012
7/30/2025		0.007
10/20/2025		0.0014 (JR)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:47 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	0.00029 (J)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023	0.0039 (J)	
8/8/2023	0.0041 (J)	
2/29/2024	0.0042 (J)	
8/7/2024	0.0045 (J)	
2/25/2025		0.0076
4/22/2025		0.0091 (R)
7/24/2025		0.009
10/21/2025		0.02 (R)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 12/11/2025 1:47 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.01	
6/16/2010	<0.01	
7/27/2010	<0.01	
9/7/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/2/2012	<0.01	
11/9/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/8/2014	<0.01	
5/22/2015	<0.01	
11/10/2015	<0.01	
4/11/2016	<0.01	
10/5/2016	0.0085 (JO)	
4/5/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/12/2019	0.0059	
3/19/2020	<0.01	
9/9/2020	<0.01	
4/5/2021	<0.01	
8/11/2021	<0.01	
2/16/2022	<0.01	
8/25/2022	<0.01	
2/28/2023	<0.01	
8/8/2023	<0.01	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01
7/30/2025		0.014
10/20/2025		<0.01 (R)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE K.

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**10/21/2025**	**65**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**10/20/2025**	**21**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**10/20/2025**	**17**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**10/21/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**10/21/2025**	**49**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**10/20/2025**	**11**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**10/21/2025**	**220**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**10/20/2025**	**9.2**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**10/21/2025**	**490**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-7**	**159.4**	**n/a**	**10/20/2025**	**170**	**Yes**	**23**	**122**	**15.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-19	0.08	n/a	10/20/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**10/21/2025**	**65**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**10/20/2025**	**21**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**10/20/2025**	**17**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**10/21/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**10/21/2025**	**49**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**10/20/2025**	**11**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWC-19	3.243	n/a	10/20/2025	3.1	No	23	2.097	0.4799	0	None	No	0.0004426	Param Intra 1 of 2
pH, Field (SU)	GWC-1	6.816	6.185	10/21/2025	6.61	No	40	6.5	0.1424	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	10/21/2025	6.08	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-7	6.628	5.958	10/20/2025	6.31	No	39	1595	150.8	0	None	x^4	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-18	6.54	5.74	10/21/2025	6.22	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-19	6.79	5.87	10/20/2025	6.26	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-20	6.826	6.137	10/21/2025	6.28	No	41	77297	10790	0	None	x^6	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**10/21/2025**	**220**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**10/20/2025**	**9.2**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	GWC-19	1.9	n/a	10/20/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWC-1	169.9	n/a	10/21/2025	150	No	23	135.1	14.61	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**10/21/2025**	**490**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-7**	**159.4**	**n/a**	**10/20/2025**	**170**	**Yes**	**23**	**122**	**15.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-18	126.9	n/a	10/21/2025	97	No	23	87.43	16.53	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-19	175	n/a	10/20/2025	140	No	23	103.7	29.86	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-20	150.8	n/a	10/21/2025	140	No	23	109.7	17.22	0	None	No	0.0004426	Param Intra 1 of 2

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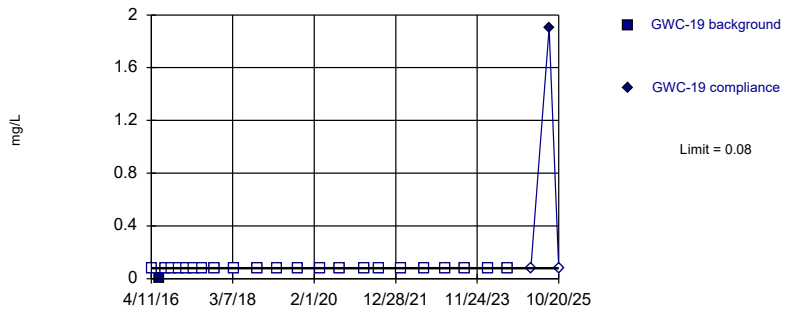
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
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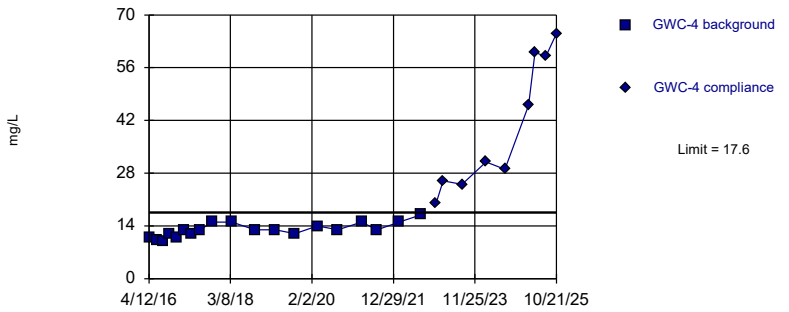
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=13, Std. Dev.=1.856, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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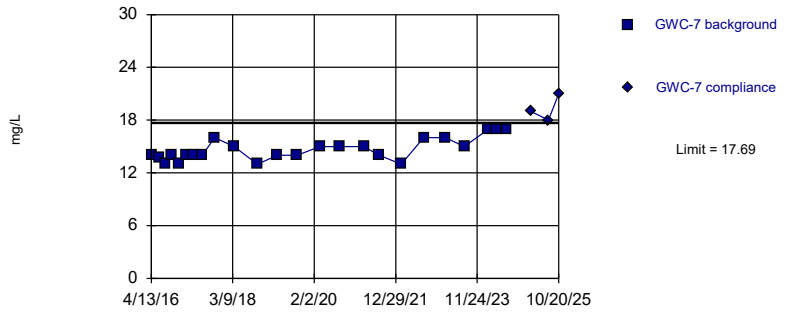
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=14.66, Std. Dev.=1.279, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8901, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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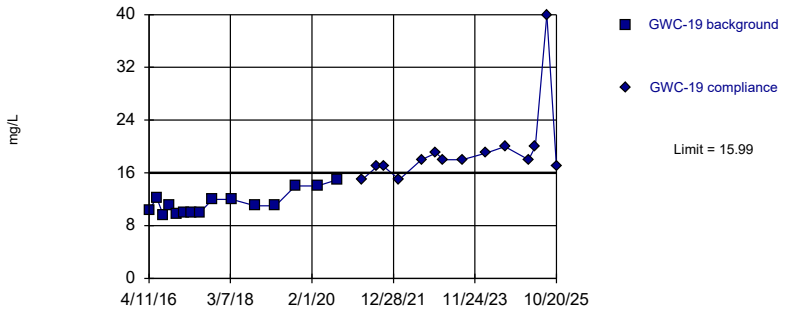
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.884, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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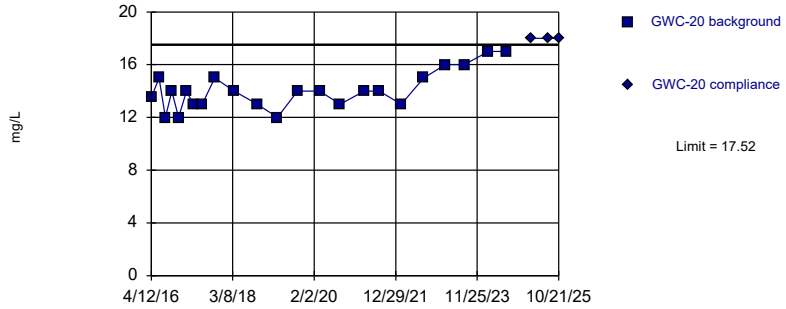
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=14.07, Std. Dev.=1.448, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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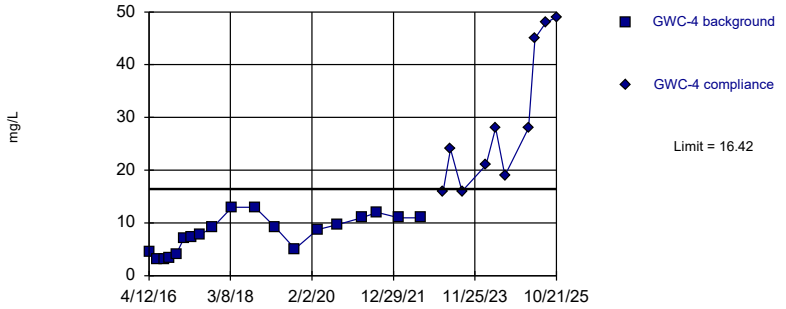
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.083, Std. Dev.=3.363, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9273, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
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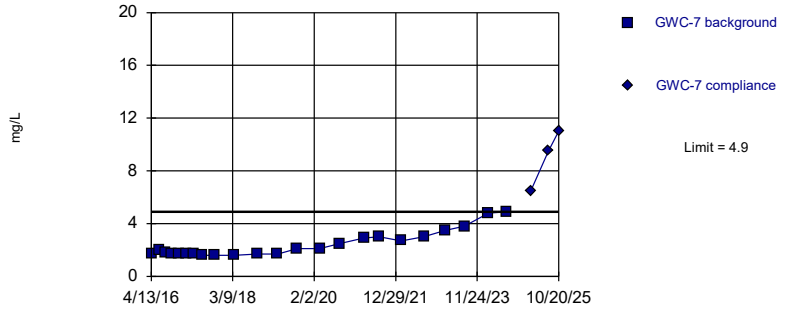
Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
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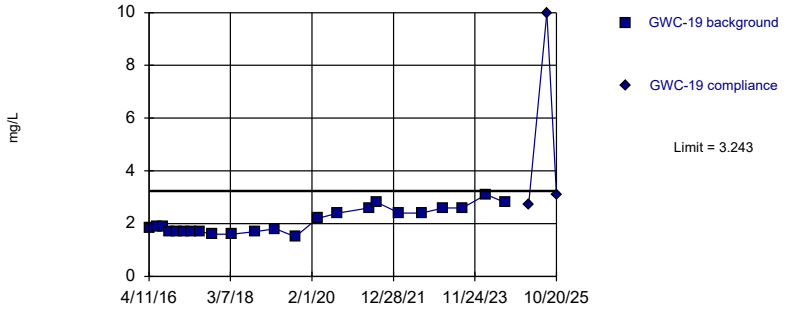
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.097, Std. Dev.=0.4799, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8822, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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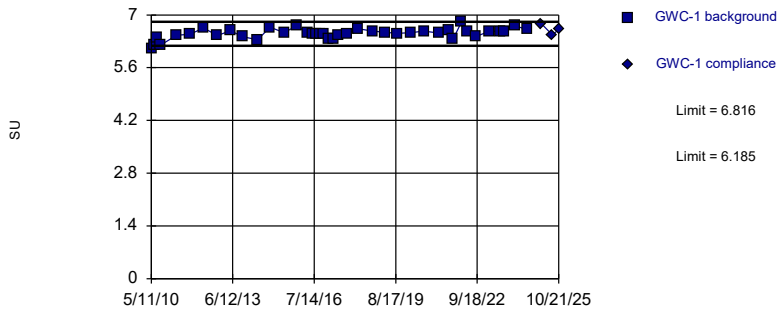
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.5, Std. Dev.=0.1424, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.919. Kappa = 2.216 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
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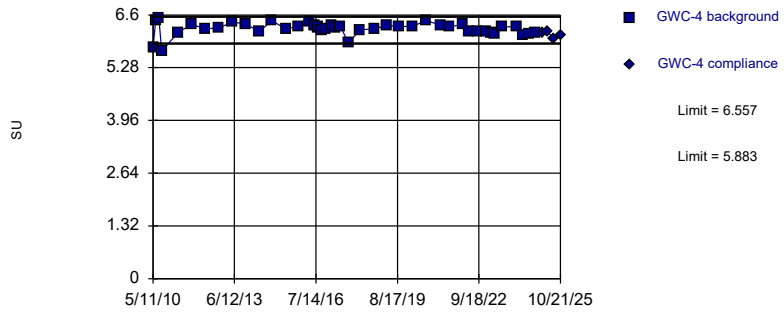
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=60468, Std. Dev.=8638, n=43. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.923. Kappa = 2.201 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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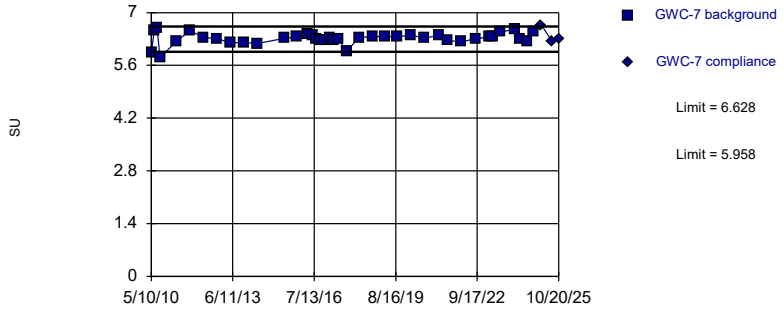
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^4 transformation): Mean=1595, Std. Dev.=150.8, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.917. Kappa = 2.222 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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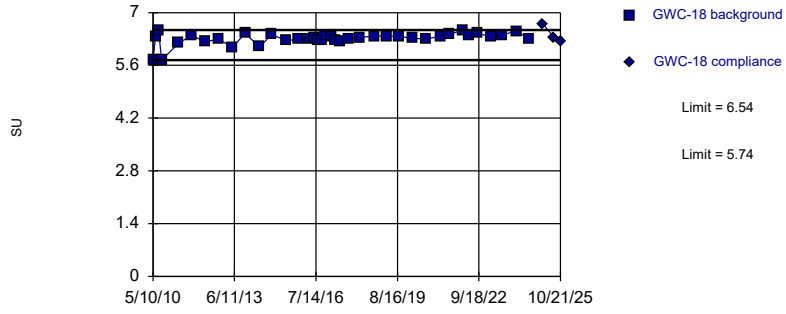
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

Constituent: pH, Field Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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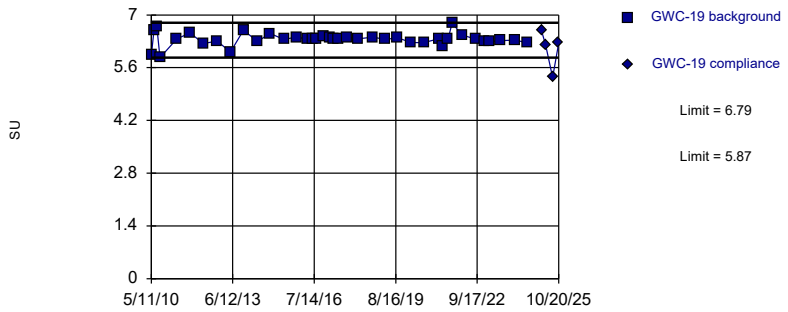
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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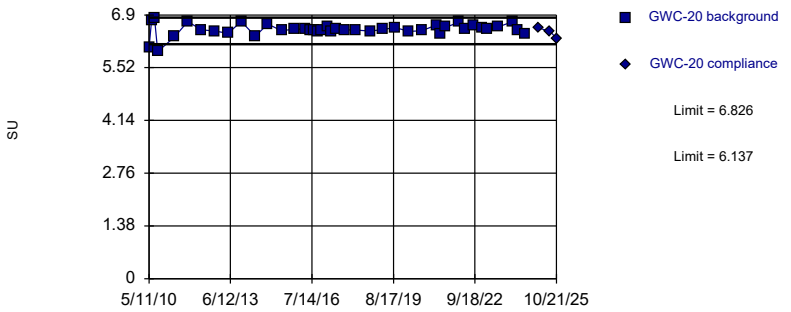
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=77297, Std. Dev.=10790, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.92. Kappa = 2.211 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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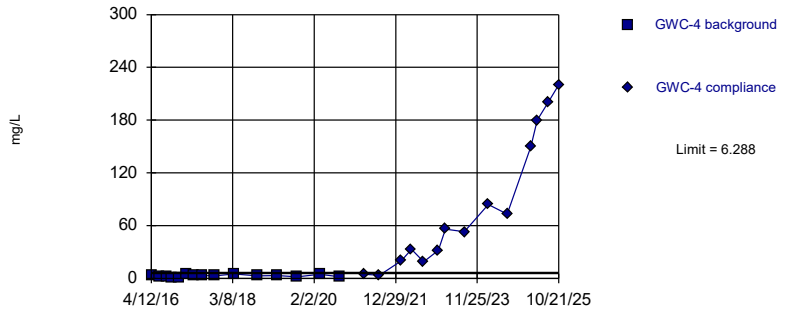
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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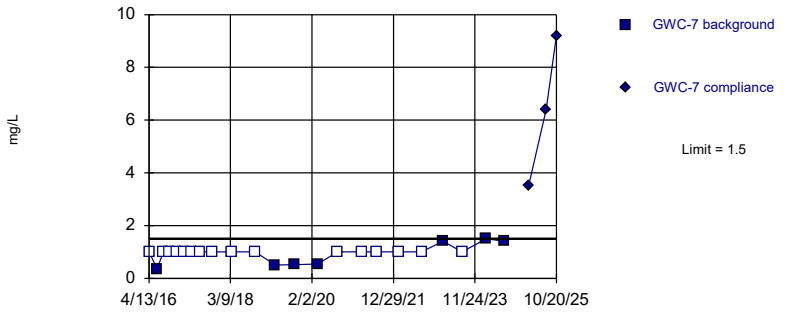
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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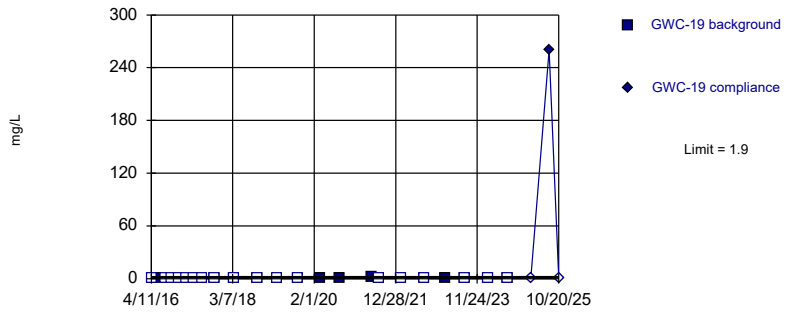
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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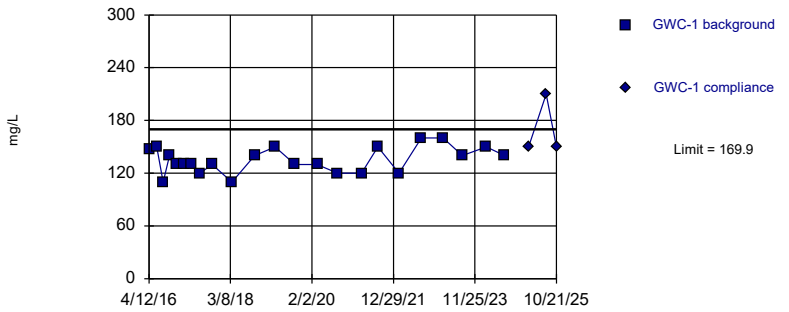
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=135.1, Std. Dev.=14.61, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9453, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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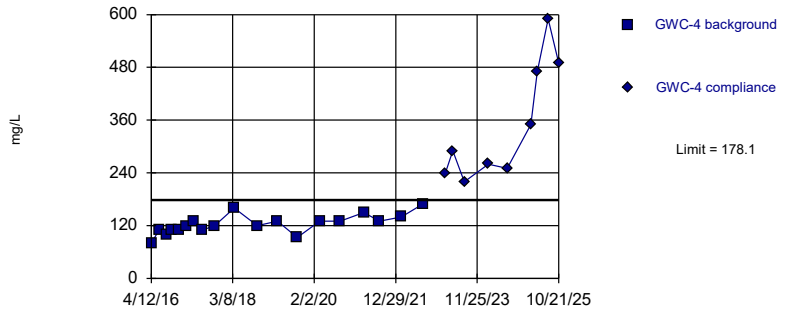
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=123.4, Std. Dev.=22.1, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9712, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
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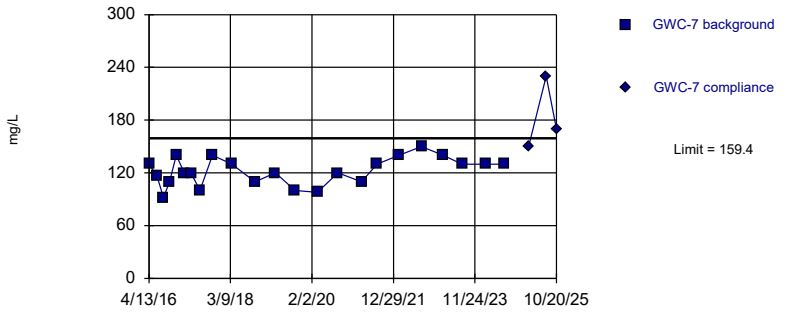
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=122, Std. Dev.=15.66, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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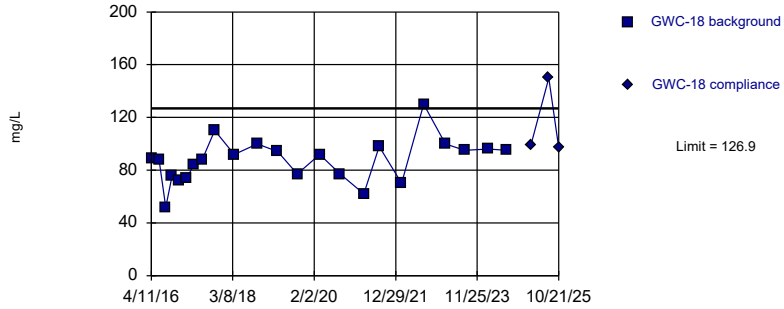
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=87.43, Std. Dev.=16.53, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9658, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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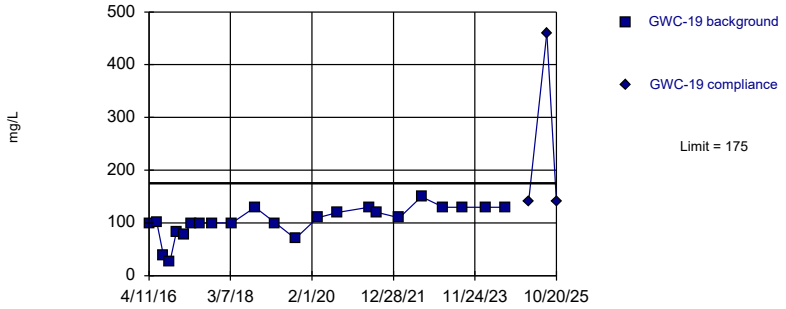
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=103.7, Std. Dev.=29.86, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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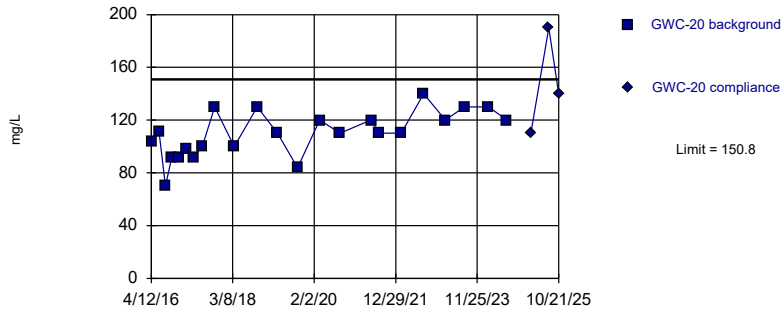
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=109.7, Std. Dev.=17.22, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9691, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 12/11/2025 1:50 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<0.08	
6/16/2016	0.0026 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/9/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08
7/30/2025		1.9
10/20/2025		<0.08 (R)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20
2/27/2023		26
8/8/2023		25
2/29/2024		31
8/7/2024		29
2/25/2025		46
4/22/2025		60 (R)
7/24/2025		59
10/21/2025		65 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	14	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021	15	
8/11/2021	14	
2/15/2022	13	
8/25/2022	16	
2/27/2023	16	
8/8/2023	15	
2/29/2024	17	
5/7/2024	17	
8/6/2024	17	
2/24/2025		19
7/24/2025		18
10/20/2025		21 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
8/11/2021		17
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19
2/28/2023		18
8/8/2023		18
2/29/2024		19
8/6/2024		20
2/25/2025		18
4/22/2025		20 (R)
7/30/2025		40
10/20/2025		17 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021	14	
8/11/2021	14	
2/16/2022	13	
8/25/2022	15	
2/28/2023	16	
8/8/2023	16	
3/1/2024	17	
8/6/2024	17	
2/25/2025		18
7/28/2025		18
10/21/2025		18 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28
8/7/2024		19
2/25/2025		28
4/22/2025		45 (R)
7/24/2025		48
10/21/2025		49 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	1.68	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021	2.9	
8/11/2021	3	
2/15/2022	2.7	
8/25/2022	3	
2/27/2023	3.5	
8/8/2023	3.8	
2/29/2024	4.8	
8/6/2024	4.9	
2/24/2025		6.5
7/24/2025		9.5
10/20/2025		11 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9 (D)	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021	2.6	
8/11/2021	2.8	
2/16/2022	2.4	
8/25/2022	2.4	
2/28/2023	2.6	
8/8/2023	2.6	
2/29/2024	3.1	
8/6/2024	2.8	
2/25/2025		2.7
7/30/2025		10
10/20/2025		3.1 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	6.09	
6/17/2010	6.19	
7/27/2010	6.41	
9/9/2010	6.19	
4/28/2011	6.46	
10/29/2011	6.49	
5/3/2012	6.66	
11/9/2012	6.45	
5/9/2013	6.58	
11/5/2013	6.42	
5/23/2014	6.345 (D)	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
9/10/2019	6.51	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021	6.52	
8/18/2021	6.59	
10/18/2021	6.36	
2/15/2022	6.83	
5/12/2022	6.55	
8/24/2022	6.42	
2/27/2023	6.56	
8/9/2023	6.57	
10/4/2023	6.56	
3/1/2024	6.71	
8/6/2024	6.61	
2/25/2025		6.77
7/25/2025		6.47
10/21/2025		6.61 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	5.79	
6/17/2010	6.45	
7/28/2010	6.53	
9/8/2010	5.69	
4/28/2011	6.17	
10/29/2011	6.36	
5/3/2012	6.26	
11/10/2012	6.27	
5/10/2013	6.43	
11/6/2013	6.37	
5/22/2014	6.19 (D)	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44	
6/20/2016	6.33	
8/12/2016	6.29	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
9/10/2019	6.31	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19	
8/25/2022	6.19	
12/28/2022	6.2	
2/27/2023	6.17	
5/2/2023	6.13	
8/8/2023	6.3	
2/29/2024	6.31	
5/20/2024	6.08	
8/7/2024	6.12	
11/6/2024	6.15	
2/25/2025		6.17
4/22/2025		6.18 (R)
7/24/2025		6
10/21/2025		6.08 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:51 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	5.95	
6/18/2010	6.52	
7/28/2010	6.58	
9/9/2010	5.81	
4/30/2011	6.25	
10/29/2011	6.52	
5/4/2012	6.34	
11/10/2012	6.31	
5/9/2013	6.2	
11/7/2013	6.21	
5/21/2014	6.18 (D)	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
9/11/2019	6.35	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023	6.35	
5/2/2023	6.38	
8/8/2023	6.48	
2/29/2024	6.57	
5/7/2024	6.3	
8/6/2024	6.25	
11/6/2024	6.51	
2/24/2025		6.67
7/24/2025		6.22
10/20/2025		6.31 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	5.76	
6/16/2010	6.38	
7/26/2010	6.52	
9/7/2010	5.74	
4/29/2011	6.19	
10/28/2011	6.39	
5/2/2012	6.22	
11/9/2012	6.3	
5/8/2013	6.07	
11/6/2013	6.45	
5/23/2014	6.09 (D)	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
9/11/2019	6.37	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021	6.37	
8/11/2021	6.43	
2/16/2022	6.54	
5/12/2022	6.39	
8/25/2022	6.45	
2/28/2023	6.36	
8/9/2023	6.41	
2/29/2024	6.51	
8/6/2024	6.3	
2/25/2025		6.69
7/28/2025		6.33
10/21/2025		6.22 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	5.93	
6/16/2010	6.58	
7/27/2010	6.69	
9/7/2010	5.87	
4/29/2011	6.37	
10/28/2011	6.52	
5/2/2012	6.24	
11/9/2012	6.31	
5/9/2013	6.01	
11/6/2013	6.6	
5/22/2014	6.295 (D)	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
9/12/2019	6.39	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
10/7/2021	6.79	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29	
2/28/2023	6.29	
8/8/2023	6.32	
2/29/2024	6.33	
8/6/2024	6.26	
2/25/2025		6.59
4/22/2025		6.21 (R)
7/30/2025		5.34
10/20/2025		6.26 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	6.05	
6/17/2010	6.77	
7/27/2010	6.82	
9/7/2010	5.94	
4/29/2011	6.33	
10/28/2011	6.73	
5/3/2012	6.51	
11/10/2012	6.48	
5/9/2013	6.42	
11/6/2013	6.73	
5/22/2014	6.345 (D)	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
9/12/2019	6.57	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021	6.64	
6/1/2021	6.39	
8/11/2021	6.58	
2/16/2022	6.71	
5/12/2022	6.52	
8/25/2022	6.62	
12/28/2022	6.56	
2/28/2023	6.53	
8/8/2023	6.59	
3/1/2024	6.73	
5/7/2024	6.5	
8/6/2024	6.41	
2/25/2025		6.55
7/28/2025		6.47
10/21/2025		6.28 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33
8/25/2022		19
12/28/2022		32
2/27/2023		56
8/8/2023		53
2/29/2024		84
8/7/2024		73
2/25/2025		150
4/22/2025		180 (R)
7/24/2025		200
10/21/2025		220 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<1	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/27/2023	1.4	
8/8/2023	<1	
2/29/2024	1.5	
8/6/2024	1.4	
2/24/2025		3.5
7/24/2025		6.4
10/20/2025		9.2 (R)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	0.23 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021	1.9	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.2	
8/8/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/25/2025		<1
7/30/2025		260
10/20/2025		<1 (R)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021	120	
8/18/2021	150	
2/15/2022	120	
8/24/2022	160	
2/27/2023	160	
8/9/2023	140	
3/1/2024	150	
8/6/2024	140	
2/25/2025		150
7/25/2025		210
10/21/2025		150 (R)

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260
8/7/2024		250
2/25/2025		350
4/22/2025		470 (R)
7/24/2025		590
10/21/2025		490 (R)

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	130	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021	110	
8/11/2021	130	
2/15/2022	140	
8/25/2022	150	
2/27/2023	140	
8/8/2023	130	
2/29/2024	130	
8/6/2024	130	
2/24/2025		150
7/24/2025		230
10/20/2025		170 (R)

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021	62	
8/11/2021	98	
2/16/2022	70	
8/25/2022	130	
2/28/2023	100	
8/9/2023	95	
2/29/2024	96	
8/6/2024	95	
2/25/2025		99
7/28/2025		150
10/21/2025		97 (R)

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021	130	
8/11/2021	120	
2/16/2022	110	
8/25/2022	150	
2/28/2023	130	
8/8/2023	130	
2/29/2024	130	
8/6/2024	130	
2/25/2025		140
7/30/2025		460
10/20/2025		140 (R)

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:52 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021	120	
8/11/2021	110	
2/16/2022	110	
8/25/2022	140	
2/28/2023	120	
8/8/2023	130	
3/1/2024	130	
8/6/2024	120	
2/25/2025		110
7/28/2025		190
10/21/2025		140 (R)

FIGURE L.

Appendix I Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:49 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**10/21/2025**	**0.16**	**Yes**	**117**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001426**	**NP Inter (normality) 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**10/20/2025**	**0.027**	**Yes**	**117**	**n/a**	**n/a**	**30.77**	**n/a**	**n/a**	**0.0001426**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**10/21/2025**	**0.02**	**Yes**	**117**	**n/a**	**n/a**	**94.87**	**n/a**	**n/a**	**0.0001426**	**NP Inter (NDs) 1 of 2**

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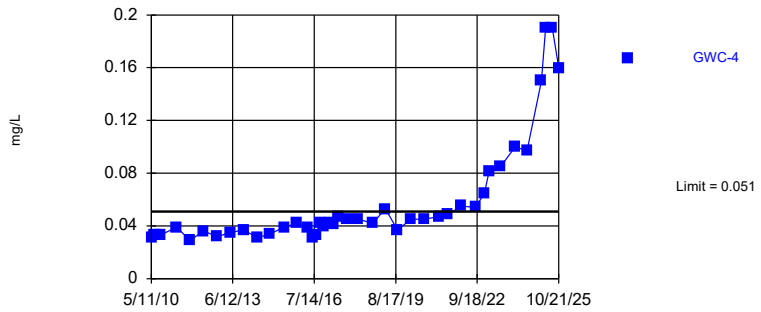
Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 117 background values. Annual per-constituent alpha = 0.004838. Individual comparison alpha = 0.0001426 (1 of 2). Assumes 16 future values.

Constituent: Barium Analysis Run 12/11/2025 1:48 PM View: Appendix I Interwell - Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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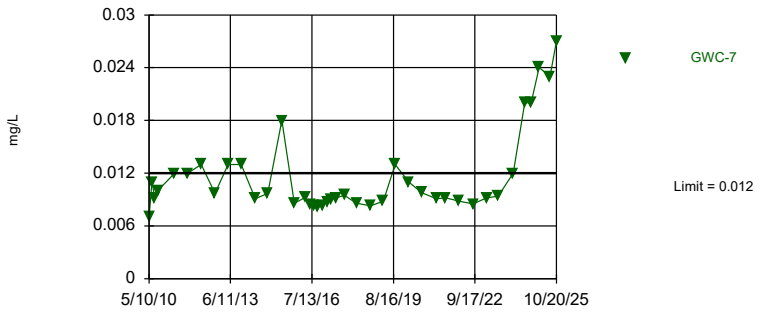
Exceeds Limit: GWC-7

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 117 background values. 30.77% NDs. Annual per-constituent alpha = 0.004838. Individual comparison alpha = 0.0001426 (1 of 2). Assumes 16 future values.

Constituent: Chromium Analysis Run 12/11/2025 1:48 PM View: Appendix I Interwell - Two-Step Resampl
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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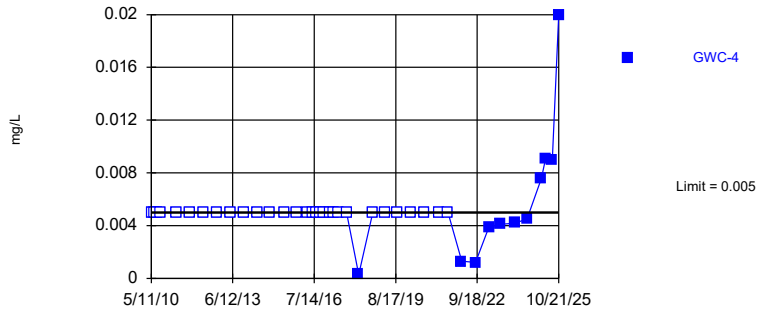
Hollow symbols indicate censored values.

Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 117 background values. 94.87% NDs. Annual per-constituent alpha = 0.004838. Individual comparison alpha = 0.0001426 (1 of 2). Assumes 16 future values.

Constituent: Selenium Analysis Run 12/11/2025 1:48 PM View: Appendix I Interwell - Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:49 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-4
5/8/2010	0.048 (J)			
5/9/2010		0.01 (J)	0.031 (J)	
5/11/2010				0.031 (J)
6/16/2010	0.044 (J)		0.029 (J)	
6/17/2010				0.033 (J)
6/18/2010		0.01 (J)		
7/26/2010	0.042 (J)			
7/27/2010			0.029 (J)	
7/28/2010		0.011 (J)		0.033 (J)
9/7/2010	0.04 (J)		0.028 (J)	
9/8/2010				0.033 (J)
9/9/2010		0.011 (J)		
4/28/2011				0.039 (J)
4/29/2011	0.038 (J)		0.026 (J)	
4/30/2011		0.0091 (J)		
10/28/2011	0.034	0.0096 (J)	0.025	
10/29/2011				0.029
5/2/2012	0.03	0.012	0.025	
5/3/2012				0.036
11/9/2012	0.039	0.012	0.028	
11/10/2012				0.032
5/8/2013	0.034	0.01	0.029	
5/10/2013				0.035
11/5/2013		0.0098 (J)		
11/6/2013	0.032		0.026	0.037
5/20/2014	0.03	0.0081 (J)	0.025	
5/22/2014				0.031
11/8/2014	0.031		0.026	
11/9/2014				0.034
11/12/2014		0.0098 (J)		
5/22/2015	0.033	0.0088 (J)	0.026	0.039
11/9/2015	0.034		0.024	
11/11/2015		0.011		0.042
4/6/2016	0.0347	0.00959 (J)	0.026	
4/12/2016				0.0386
6/15/2016	0.029	0.0091 (J)	0.023	
6/20/2016				0.031
8/10/2016	0.027	0.009	0.022	
8/12/2016				0.033
10/4/2016		0.0092	0.024	
10/5/2016	0.029			
10/6/2016				0.042
11/29/2016	0.024		0.023	
11/30/2016		0.011		0.04
2/7/2017	0.029	0.0099	0.024	
2/8/2017				0.042
4/4/2017	0.03	0.0092	0.022	
4/6/2017				0.041
6/20/2017	0.036	0.0099	0.025	
6/22/2017				0.047
10/4/2017		0.0098		
10/5/2017	0.027		0.023	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 12/11/2025 1:49 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-4
10/6/2017				0.045
3/20/2018	0.027	0.01	0.023	
3/21/2018				0.045
10/2/2018	0.027	0.0099	0.023	
10/3/2018				0.042
3/26/2019	0.031	0.0099	0.024	0.053
9/10/2019	0.051	0.011	0.039	0.037
3/18/2020	0.031	0.01	0.027	
3/19/2020				0.045
9/9/2020	0.033	0.01	0.024	
9/10/2020				0.045
4/1/2021	0.029	0.0092 (J)	0.024	
4/2/2021				0.047
8/11/2021	0.029	0.01	0.023	
8/12/2021				0.049
2/15/2022	0.031	0.012	0.024	0.055
8/24/2022	0.031			
8/25/2022		0.012	0.025	0.054
12/28/2022				0.065
2/27/2023				0.081
2/28/2023	0.03	0.01	0.025	
8/3/2023	0.027	0.01	0.026	
8/8/2023				0.085
2/28/2024	0.032		0.03	
2/29/2024				0.1
3/4/2024		0.01		
8/6/2024	0.033	0.01	0.031	
8/7/2024				0.097
2/25/2025		0.013	0.028	0.15
2/26/2025	0.027			
4/22/2025				0.19 (R)
7/24/2025	0.031	0.013	0.032	0.19
10/21/2025				0.16 (R)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:49 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
5/8/2010	0.0032 (J)			
5/9/2010		0.003 (J)	<0.005	
5/10/2010				0.007
6/16/2010	0.0037 (J)	0.0042 (J)		
6/18/2010			<0.005	0.011
7/26/2010	0.0058			
7/27/2010		0.0048 (J)		
7/28/2010			<0.005	0.0092
9/7/2010	0.0078	0.0037 (J)		
9/9/2010			<0.005	0.01
4/29/2011	0.005	0.0046 (J)		
4/30/2011			<0.005	0.012
10/28/2011	0.0068	0.005	<0.005	
10/29/2011				0.012
5/2/2012	0.0065	0.0052	<0.005	
5/4/2012				0.013
11/9/2012	0.006	0.0054	<0.005	
11/10/2012				0.0097
5/8/2013	0.0074	0.0058	<0.005	
5/9/2013				0.013
11/5/2013			0.0036 (J)	
11/6/2013	0.0082 (J)	0.0062 (J)		
11/7/2013				0.013
5/20/2014	0.0051 (J)	0.0047 (J)	<0.005	
5/21/2014				0.0091 (J)
11/8/2014	0.0074 (J)	0.0064 (J)		
11/12/2014			<0.005	0.0097 (J)
5/22/2015	0.0084 (J)	0.0059 (J)	<0.005	
5/24/2015				0.018
11/9/2015	0.009 (J)	0.0043 (J)		
11/11/2015			<0.005	0.0086 (J)
4/6/2016	0.00779 (J)	0.00457 (J)	<0.005	
4/13/2016				0.00924 (J)
6/15/2016	0.0072 (J)	0.0042 (J)	0.00029 (J)	
6/20/2016				0.0084 (J)
8/10/2016	0.0068	0.0042	<0.005	
8/15/2016				0.0083
10/4/2016		0.0052	<0.005	
10/5/2016	0.0076			
10/6/2016				0.0081
11/29/2016	0.0045	0.004		
11/30/2016			<0.005	
12/1/2016				0.0083
2/7/2017	0.0067	0.004	<0.005	
2/9/2017				0.0087
4/4/2017	0.0079	0.0021 (J)	<0.005	
4/7/2017				0.009
6/20/2017	0.0084	0.0046	<0.005	
6/22/2017				0.0092
10/4/2017			<0.005	
10/5/2017	0.0061	0.005		
10/6/2017				0.0095

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 12/11/2025 1:49 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
3/20/2018	0.006	0.0044	<0.005	
3/22/2018				0.0086
10/2/2018	0.0061	0.0043	<0.005	
10/4/2018				0.0083
3/26/2019	0.0065	0.0046	<0.005	
3/27/2019				0.0088
9/10/2019	0.012	0.0076	0.0023 (J)	
9/11/2019				0.013
3/18/2020	0.0083	0.0044	<0.005	
3/19/2020				0.011
9/9/2020	0.0088	0.005	<0.005	
9/10/2020				0.0098
4/1/2021	0.0082	0.0053	<0.005	0.0091
8/11/2021	0.0089	0.0059	<0.005	0.0092
2/15/2022	0.0084	0.0056	<0.005	0.0088
8/24/2022	0.0076			
8/25/2022		0.0056	<0.005	0.0085
2/27/2023				0.0092
2/28/2023	0.0083	0.0061	<0.005	
8/3/2023	0.0089	0.0073	<0.005	
8/8/2023				0.0094
2/28/2024	0.0096	0.0071		
2/29/2024				0.012
3/4/2024			<0.005	
8/6/2024	0.0086	0.008	<0.005	0.02
11/6/2024				0.02
2/24/2025				0.024
2/25/2025		0.0068	<0.005	
2/26/2025	0.0083			
7/24/2025	0.0085	0.0082	<0.005	0.023
10/20/2025				0.027 (R)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:49 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	<0.005			
5/9/2010		<0.005	<0.005	
5/11/2010				<0.005
6/16/2010	<0.005	<0.005		
6/17/2010				<0.005
6/18/2010			<0.005	
7/26/2010	<0.005			
7/27/2010		<0.005		
7/28/2010			<0.005	<0.005
9/7/2010	<0.005	<0.005		
9/8/2010				<0.005
9/9/2010			<0.005	
4/28/2011				<0.005
4/29/2011	<0.005	<0.005		
4/30/2011			<0.005	
10/28/2011	<0.005	<0.005	<0.005	
10/29/2011				<0.005
5/2/2012	<0.005	<0.005	<0.005	
5/3/2012				<0.005
11/9/2012	<0.005	<0.005	<0.005	
11/10/2012				<0.005
5/8/2013	0.0044 (J)	<0.005	<0.005	
5/10/2013				<0.005
11/5/2013			<0.005	
11/6/2013	<0.005	<0.005		<0.005
5/20/2014	<0.005	<0.005	<0.005	
5/22/2014				<0.005
11/8/2014	<0.005	<0.005		
11/9/2014				<0.005
11/12/2014			<0.005	
5/22/2015	<0.005	<0.005	<0.005	<0.005
11/9/2015	<0.005	0.0043 (J)		
11/11/2015			<0.005	<0.005
4/6/2016	<0.005	<0.005	<0.005	
4/12/2016				<0.005
6/15/2016	<0.005	<0.005	<0.005	
6/20/2016				<0.005
8/10/2016	<0.005	<0.005	<0.005	
8/12/2016				<0.005
10/4/2016		<0.005	<0.005	
10/5/2016	<0.005			
10/6/2016				<0.005
11/29/2016	<0.005	0.00024 (J)		
11/30/2016			<0.005	<0.005
2/7/2017	<0.005	<0.005	<0.005	
2/8/2017				<0.005
4/4/2017	<0.005	0.0017	0.00067 (J)	
4/6/2017				<0.005
6/20/2017	<0.005	<0.005	<0.005	
6/22/2017				<0.005
10/4/2017			<0.005	
10/5/2017	0.00027 (J)	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 12/11/2025 1:49 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				<0.005
3/20/2018	<0.005	<0.005	<0.005	
3/21/2018				0.00029 (J)
10/2/2018	<0.005	<0.005	<0.005	
10/3/2018				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	
3/19/2020				<0.005
9/9/2020	<0.005	<0.005	<0.005	
9/10/2020				<0.005
4/1/2021	<0.005	<0.005	<0.005	
4/2/2021				<0.005
8/11/2021	<0.005	<0.005	<0.005	
8/12/2021				<0.005
2/15/2022	<0.005	<0.005	<0.005	0.0013 (J)
8/24/2022	<0.005			
8/25/2022		<0.005	<0.005	0.0012 (J)
2/27/2023				0.0039 (J)
2/28/2023	<0.005	<0.005	<0.005	
8/3/2023	<0.005	<0.005	<0.005	
8/8/2023				0.0041 (J)
2/28/2024	<0.005	<0.005		
2/29/2024				0.0042 (J)
3/4/2024			<0.005	
8/6/2024	<0.005	<0.005	<0.005	
8/7/2024				0.0045 (J)
2/25/2025		<0.005	<0.005	0.0076
2/26/2025	<0.005			
4/22/2025				0.0091 (R)
7/24/2025	<0.005	<0.005	<0.005	0.009
10/21/2025				0.02 (R)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE M.

Appendix III Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 12/11/2025, 1:54 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**10/21/2025**	**65**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-7**	**15**	**n/a**	**10/20/2025**	**21**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**10/20/2025**	**17**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**15**	**n/a**	**10/21/2025**	**18**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**10/21/2025**	**49**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-7**	**7.2**	**n/a**	**10/20/2025**	**11**	**Yes**	**75**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.000337**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**10/21/2025**	**220**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-7**	**3.6**	**n/a**	**10/20/2025**	**9.2**	**Yes**	**75**	**n/a**	**n/a**	**61.33**	**n/a**	**n/a**	**0.000337**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	**GWC-4**	**144.4**	**n/a**	**10/21/2025**	**490**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**
TDS (mg/L)	**GWC-7**	**144.4**	**n/a**	**10/20/2025**	**170**	**Yes**	**75**	**74.07**	**33.22**	**2.667**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

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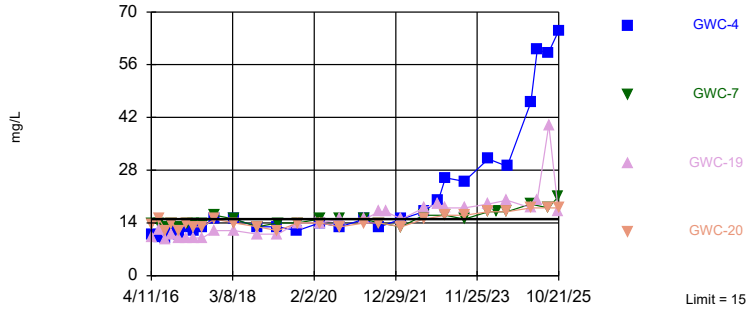
Exceeds Limit: GWC-4, GWC-7, GWC-19, GWC-20

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 75 background values. Annual per-constituent alpha = 0.0114. Individual comparison alpha = 0.000337 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

Constituent: Calcium Analysis Run 12/11/2025 1:52 PM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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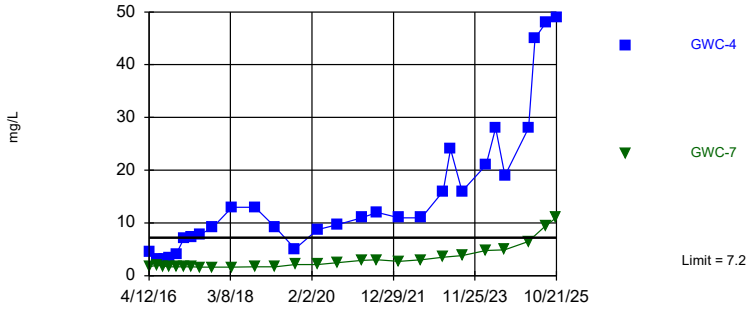
Exceeds Limit: GWC-4, GWC-7

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 75 background values. Annual per-constituent alpha = 0.0114. Individual comparison alpha = 0.000337 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Chloride Analysis Run 12/11/2025 1:52 PM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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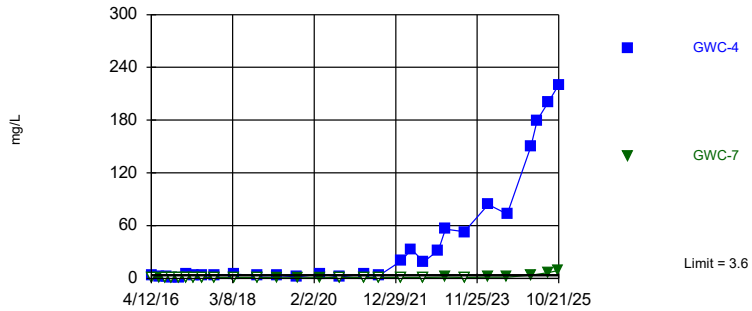
Hollow symbols indicate censored values.

Exceeds Limit: GWC-4, GWC-7

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 75 background values. 61.33% NDs. Annual per-constituent alpha = 0.0114. Individual comparison alpha = 0.000337 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

Constituent: Sulfate Analysis Run 12/11/2025 1:52 PM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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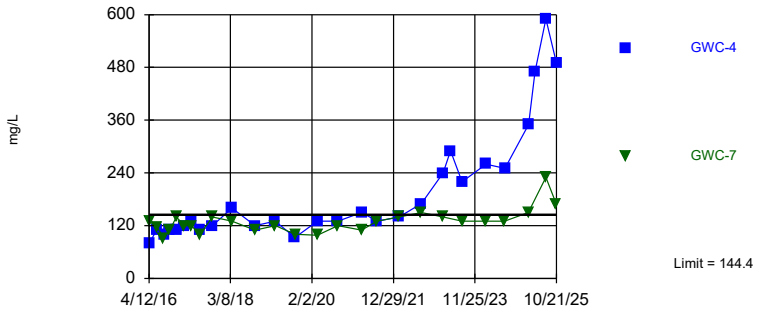
Exceeds Limit: GWC-4, GWC-7

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=74.07, Std. Dev.=33.22, n=75, 2.667% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9765, critical = 0.956. Kappa = 2.117 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Comparing 2 points to limit. Assumes 15 future values.

Constituent: TDS Analysis Run 12/11/2025 1:52 PM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:54 PM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4	GWC-20	GWC-7
4/6/2016	3.62	6.58	12.1				
4/11/2016				10.4			
4/12/2016					11	13.5	
4/13/2016							14
6/15/2016	4.5	6.9	11.8				
6/16/2016				12.2		15	
6/20/2016					10.1		13.8
8/10/2016	3.8	5.5	10				
8/11/2016				9.5		12	
8/12/2016					9.9		
8/15/2016							13
10/4/2016	5.3		14				
10/5/2016		6.8		11		14	
10/6/2016					12		14
11/29/2016		4.8	10	9.8			
11/30/2016	4.7				11	12	
12/1/2016							13
2/7/2017	3.8	7.8	12				
2/8/2017				10	13	14	
2/9/2017							14
4/4/2017	3.8	6.4	11				
4/5/2017				10			
4/6/2017					12	13	
4/7/2017							14
6/20/2017	4.1	7	11				
6/21/2017				10		13	
6/22/2017					13		14
10/4/2017	4.6						
10/5/2017		6.6	13	12		15	
10/6/2017					15		16
3/20/2018	4.2	6.6	12	12			
3/21/2018					15	14	
3/22/2018							15
10/2/2018	4.2	5.8	11	11			
10/3/2018					13	13	
10/4/2018							13
3/26/2019	4	6.7	11	11	13	12	
3/27/2019							14
9/10/2019	4.8	7.5	12		12		
9/11/2019							14
9/12/2019				14		14	
3/18/2020	3.8	7.3	12				
3/19/2020				14	14	14	15
9/9/2020	4	7.3	11	15			
9/10/2020					13	13	15
4/1/2021	4	7.8	12				15
4/2/2021					15		
4/5/2021				15		14	
8/11/2021	4.1	7.3	11	17		14	14
8/12/2021					13		
10/7/2021				17			
2/15/2022	3.6	7.1	10		15		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 12/11/2025 1:54 PM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4	GWC-20	GWC-7
2/16/2022				15		13	
8/24/2022		8.9					
8/25/2022	4.9		13	18	17	15	16
12/28/2022				19	20		
2/27/2023					26		16
2/28/2023	4.1	8.7	13	18		16	
8/3/2023	4.7	8.3	13				
8/8/2023				18	25	16	15
2/28/2024		9	15				
2/29/2024				19	31		17
3/1/2024						17	
3/4/2024	3.8						
5/7/2024							17
8/6/2024	4.2	9	15	20		17	17
8/7/2024					29		
2/24/2025							19
2/25/2025	4.1		13	18	46	18	
2/26/2025		7.4					
4/22/2025				20 (R)	60 (R)		
7/24/2025	4.4	7.4	14		59		18
7/28/2025						18	
7/30/2025				40			
10/20/2025				17 (R)			21 (R)
10/21/2025					65 (R)	18 (R)	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:54 PM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-7
4/6/2016	5.342	1.69	1.789		
4/12/2016				4.57	
4/13/2016					1.68
6/15/2016	5.2	1.9	2.1		
6/20/2016				3.1	2
8/10/2016	5.5	1.7	1.8		
8/15/2016					1.8
8/16/2016				3.2	
10/4/2016	5.4		1.7		
10/5/2016		1.6			
10/6/2016				3.4	1.7
11/29/2016		1.7	1.7		
11/30/2016	5.4			4.1	
12/1/2016					1.7
2/7/2017	5.1	1.6	1.6		
2/8/2017				7.2	
2/9/2017					1.7
4/4/2017	5.1	1.5	1.6		
4/6/2017				7.4	
4/7/2017					1.7
6/20/2017	5.2	1.5	1.6		
6/22/2017				7.8	1.6
10/4/2017	5.2				
10/5/2017		1.5	1.5		
10/6/2017				9.1	1.6
3/20/2018	5.6	1.4	1.5		
3/21/2018				13	
3/22/2018					1.6
10/2/2018	6.3	1.5	1.6		
10/3/2018				13	
10/4/2018					1.7
3/26/2019	5.5	1.3	1.5	9.2	
3/27/2019					1.7
9/10/2019	5.2	1.3	1.4	5.1	
9/11/2019					2.1
3/18/2020	5.4	2	1.7		
3/19/2020				8.7	2.1
9/9/2020	6.1	1.3	1.6		
9/10/2020				9.7	2.5
4/1/2021	7	1.5	1.8		2.9
4/2/2021				11	
8/11/2021	7.2	1.4	1.8		3
8/12/2021				12	
2/15/2022	6.5	1.4	1.6	11	2.7
8/24/2022		1.4			
8/25/2022	6.9		1.6	11	3
2/27/2023				16	3.5
2/28/2023	6.3	1.4	1.7		
5/2/2023				24	
8/3/2023	6.3	1.3	1.6		
8/8/2023				16	3.8
2/28/2024		1.4	1.6		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/11/2025 1:54 PM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-7
2/29/2024				21	4.8
3/4/2024	5.6				
5/20/2024				28	
8/6/2024	6	1.4	1.7		4.9
8/7/2024				19	
2/24/2025					6.5
2/25/2025	5.7		1.6	28	
2/26/2025		1.5			
4/22/2025				45 (R)	
7/24/2025	6	2.4	2.1	48	9.5
10/20/2025					11 (R)
10/21/2025				49 (R)	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:54 PM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-7
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				3.56	
4/13/2016					<1
6/15/2016	0.32 (J)	0.18 (J)	0.22 (J)		
6/20/2016				2.4	0.36 (J)
8/10/2016	<1	<1	<1		
8/15/2016					<1
8/16/2016				1.7	
10/4/2016	<1		<1		
10/5/2016		<1			
10/6/2016				1.2	<1
11/29/2016		<1	<1		
11/30/2016	<1			1.2	
12/1/2016					<1
2/7/2017	0.8 (J)	<1	<1		
2/8/2017				4.6	
2/9/2017					<1
4/4/2017	<1	<1	<1		
4/6/2017				4.1	
4/7/2017					<1
6/20/2017	<1	<1	<1		
6/22/2017				3.4	<1
10/4/2017	<1				
10/5/2017		<1	<1		
10/6/2017				3	<1
3/20/2018	1.2	<1	<1		
3/21/2018				4.9	
3/22/2018					<1
10/2/2018	<1	<1	<1		
10/3/2018				2.9	
10/4/2018					<1
3/26/2019	2.1	0.58 (J)	<1	3.2	
3/27/2019					0.51 (J)
9/10/2019	0.65 (J)	0.44 (J)	<1	1.7	
9/11/2019					0.52 (J)
3/18/2020	3.1	0.51 (J)	0.67 (J)		
3/19/2020				4.6	0.54 (J)
9/9/2020	1.6	<1	<1		
9/10/2020				1.6	<1
4/1/2021	2.7	<1	<1		<1
4/2/2021				4.6	
8/11/2021	1.3	<1	<1		<1
8/12/2021				3.5	
2/15/2022	2.6	<1	<1	20	<1
5/12/2022				33	
8/24/2022		<1			
8/25/2022	1.9		<1	19	<1
12/28/2022				32	
2/27/2023				56	1.4
2/28/2023	3.5	1.3	1.4		
8/3/2023	1.7	<1	0.4 (J)		
8/8/2023				53	<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/11/2025 1:54 PM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-7
2/28/2024		<1	<1		
2/29/2024				84	1.5
3/4/2024	2.8				
8/6/2024	1.3	<1	<1		1.4
8/7/2024				73	
2/24/2025					3.5
2/25/2025	3.6		<1	150	
2/26/2025		<1			
4/22/2025				180 (R)	
7/24/2025	3.2	0.93 (J)	1.2	200	6.4
10/20/2025					9.2 (R)
10/21/2025				220 (R)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:54 PM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-7
4/6/2016	38	61	84		
4/12/2016				80	
4/13/2016					130
6/15/2016	<10	113	139		
6/20/2016				111	116
8/10/2016	56	74	80		
8/15/2016					92
8/16/2016				100	
10/4/2016	48		62		
10/5/2016		44			
10/6/2016				110	110
11/29/2016		58	110		
11/30/2016	46			110	
12/1/2016					140
2/7/2017	18	4 (J)	70		
2/8/2017				120	
2/9/2017					120
4/4/2017	32	78	120		
4/6/2017				130	
4/7/2017					120
6/20/2017	38	50	76		
6/22/2017				110	100
10/4/2017	42				
10/5/2017		64	110		
10/6/2017				120	140
3/20/2018	20	90	110		
3/21/2018				160	
3/22/2018					130
10/2/2018	48	90	110		
10/3/2018				120	
10/4/2018					110
3/26/2019	45	82	100	130	
3/27/2019					120
9/10/2019	42	51	75	93	
9/11/2019					100
3/18/2020	43	75	93		
3/19/2020				130	98
9/9/2020	<10	64	66		
9/10/2020				130	120
4/1/2021	55	68	100		110
4/2/2021				150	
8/11/2021	55	94	100		130
8/12/2021				130	
2/15/2022	42	79	99	140	140
8/24/2022		110			
8/25/2022	86		130	170	150
2/27/2023				240	140
2/28/2023	50	94	110		
5/2/2023				290	
8/3/2023	53	85	110		
8/8/2023				220	130
2/28/2024		85	100		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 12/11/2025 1:54 PM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-7
2/29/2024				260	130
3/4/2024	41				
8/6/2024	53	86	110		130
8/7/2024				250	
2/24/2025					150
2/25/2025	52		110	350	
2/26/2025		81			
4/22/2025				470 (R)	
7/24/2025	78	130	180	590	230
10/20/2025					170 (R)
10/21/2025				490 (R)	

GROUNDWATER STATS CONSULTING

January 30, 2026

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer PAC Landfill
Statistical Analysis – July 2025

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis for the 2025 2nd Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer PAC Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, EPD groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, and GWA-49
- **Downgradient wells:** GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in

the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The following constituents were evaluated:

- **CCR Appendix III -** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I -** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the case of cobalt and fluoride, varying reporting limits were present in the historic record; however, the most recent reporting limits of 0.005 mg/L and 0.2 mg/L, respectively were substituted across all wells.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the background update discussed below to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 15 (silver was 100% non-detects in all downgradient wells)
- # Downgradient wells: 5

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 5

Statistical analyses are not required when 100% non-detects are present in downgradient wells for a given constituent; therefore, no prediction limits were required for silver. A summary of all Appendix I well/constituent pairs with 100% non-detects follows this letter.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.

- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of current groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, exceedances may occur as a result of spatial variation rather than facility impacts.

A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial

finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United State Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical background data within the same well, are appropriate

when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient background water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening Georgia EPD Appendix I - Conducted in August 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trends

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data

are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing and decreasing trends; however, the majority of these were relatively low in magnitude when compared to average concentrations and, therefore, required no adjustments. It was noted that several of the upgradient wells had higher reported measurements in the earliest part of the records for some of the metals. These values were not deselected at this time since the measurements serve as reference data upgradient of the facility. If similar measurements are observed at a later time in one or more downgradient wells, the earlier upgradient data may indicate that the change is occurring rather than a result of practices at the facility. While there was an overall increasing trend in concentrations for cobalt at well GWC-53, data are highly variable and similar to concentrations that have historically been reported in upgradient well GWA-45. Therefore, no adjustment was made to this record at that time.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach.

Generally, constituents without significant differences, based on ANOVA across upgradient wells, may be considered for interwell analysis. However, the Scherer PAC Landfill is lined, and pre-waste data are available that show metals were present in low level detections during the collection of background data. Furthermore, for some constituents, the reported concentrations are higher in upgradient wells than in downgradient wells. This would result in interwell limits that would not readily detect changes in the downgradient wells with lower concentrations. Therefore, intrawell prediction limits are recommended as the most appropriate statistical analysis for all of the Georgia EPD constituents at this landfill.

Summary of Background Updates – Georgia EPD Appendix I and CCR Appendix III

June 2021 & May 2023

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020. All of

the more recent compliance measurements appeared stable compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for lead (0.0034 mg/L) in well GWC-52 in order to maintain conservative (i.e., lower) statistical limits, along with a historic high value for vanadium in upgradient well GWA-47 (0.041 mg/L). Due to an increasing trend for barium at upgradient well GWA-45, observations between September 2019 and April 2021 were also flagged. A summary of all flagged outliers follows this letter. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data to the new compliance samples at each well. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was included in the background update report. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. Note that historical data prior to 2016 for lead were truncated at all wells so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective during the June 2021 background update. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods were re-evaluated during the next background update.

April 2025

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test was used to evaluate data for suspected outliers in upgradient and downgradient wells through August/November 2024. Previously flagged values were confirmed either by Tukey's test or visual screening except for chromium at GWA-45 and vanadium at upgradient wells GWA-21, GWA-22, GWA-45, and GWA-48 since the concentrations were not identified by Tukey's and were similar to remaining values within the respective records. Additionally, as a result of the data received from the EQUIS database, some of the reported measurements at downgradient well GWC-53 for pH and vanadium were different from

those historically used in the Sanitas database; therefore, these values are no longer flagged as outliers. Values identified by Tukey's test and flagged during the update include the highest values for calcium at downgradient well GWC-50, chloride at downgradient wells GWC-50 and GWC-53, cobalt at upgradient well GWA-45, sulfate at downgradient well GWC-53, and TDS at downgradient well GWC-50. Although not identified by Tukey's outlier test, the highest observations in each respective record for boron, sulfate, and zinc at well GWC-50, and chloride and sulfate at well GWA-45 were flagged in order to reduce variation and construct statistical limits that are capable of readily detecting changes in groundwater quality.

Any values identified by Tukey's test but not flagged appeared representative of spatial variation or would not result in substantial changes to resulting statistical limits, and these observations will continue to be monitored. The observations flagged with an "O" flag are included in the Outlier Summary (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2022 to the new compliance samples at each well through August/November 2024. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not used. Previously truncated records were evaluated by comparing the truncated portion of the data set to more recent measurements. Discussions of any truncated records were included in previous background update reports. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Arsenic: GWA-46 and GWA-47 (both upgradient)
- Barium: GWC-29 and GWC-52
- Calcium GWA-47 (upgradient), GWC-29, GWC-51, and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52
- Nickel: GWC-50
- pH: GWC-29

- Sulfate: GWC-51, GWC-52, and GWC-53
- TDS: GWC-52

Decrease:

- Arsenic: GWA-22 (upgradient) and GWC-52
- Calcium: GWA-45 (upgradient)
- Chloride: GWA-22 (upgradient)
- Chromium: GWA-45 (upgradient)
- Nickel: GWC-29
- Sulfate: GWC-29

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the records below were not updated with data through August 2024 due to a continuous increase in concentrations among more recent observations. This step results in statistical limits that are capable of readily detecting changes in groundwater quality and the records are as follows:

- Barium: GWC-52
- Calcium: GWC-52
- Chromium: GWC-52
- Sulfate: GWC-52

The remaining records with statistically significant increases were updated through August/November 2024 and are listed below. For upgradient wells, the increasing concentrations are assumed to result from spatial variation and to represent unimpacted background conditions. The increases in downgradient wells appear to be similar to historic concentrations in the same well or resemble concentrations in at least one upgradient well and would have little to no impact on resulting statistical limits:

- Arsenic: GWA-46 and GWA-47 (both upgradient)
- Barium: GWC-29
- Calcium GWA-47 (upgradient), GWC-29, and GWC-51
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52
- Nickel: GWC-50
- pH: GWC-29
- Sulfate: GWC-51 and GWC-53
- TDS: GWC-52

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data as observations

were either reported non-detects and trace values (i.e., at or below the reporting limit) or were within the range of historic concentrations.

Note that concentrations early in the record for calcium at well GWC-29 and TDS at well GWC-52 were truncated so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Statistical Analysis of Georgia EPD Appendix I Constituents – July 2025

Intrawell limits were constructed for all Georgia EPD Appendix I constituents. In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent, the current assumption is that the higher downgradient concentrations are due to spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic.

Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through August/November 2024 within each well for constituents with detections (Figure D). As mentioned above, the Date Range summary provides the period of record used for well/constituent pairs where records have been truncated, the July 2025 compliance samples were compared to these intrawell background limits. As previously discussed, no statistical analyses were included for silver since all records contain 100% non-detects in downgradient wells, or for other individual well/constituent pairs containing 100% non-detects. Note that intrawell prediction limits changed slightly for antimony, arsenic, beryllium, cadmium, chromium, cobalt, nickel, vanadium, and zinc as a result of the most recent reporting limits. Additionally, the date ranges for barium at well GWC-53 were revised to use background data through August 2024 based on the background update performed in the Spring 2025. The results were submitted at that time. No significant difference in the statistical limit occurred as a result of the aforementioned changes.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the

statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary table of the background intrawell prediction limits and exceedances follows this letter, along with the complete graphical results. Statistical exceedances were noted for the following well/constituent pairs:

- Barium: GWC-52
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52

Two-Step Analysis

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through July 2025 to evaluate the initial intrawell prediction limit exceedances listed above in downgradient wells (Figure E). No exceedances were identified.

Trend Tests

When initial prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure F). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. Trends in upgradient trends are an indication of variability in groundwater unrelated to practices at the site. Both a summary and complete graphical results of the trend tests follow this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWA-45, GWA-46 (both upgradient), and GWC-52
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52

Decreasing:

- Barium: GWA-22 (upgradient)
- Chromium: GWA-21 (upgradient)

Note that the cause of the trends for barium and chromium at well GWC-52 is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect spatial variation, the earlier portion of the record may require deselection so that resulting limits are reflective of current water quality conditions.

Statistical Analysis of Appendix III Parameters – July 2025

Intrawell prediction limits for all Appendix III parameters, combined with a 1-of-2 resample plan, were constructed using all historical data through August/November 2024 (Figure G). The July 2025 compliance data were compared to those limits.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well.

Prediction Limits

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. Note that intrawell prediction limits for fluoride changed slightly as a result of a change in the most recent reporting limit as provided by the laboratory. A summary table of the Appendix III prediction limits follows this letter, along with complete graphical results. The following prediction limit exceedances were noted for Appendix III parameters:

- Calcium: GWC-52
- Chloride: GWA-47 (upgradient), GWC-51, and GWC-53
- Sulfate: GWC-51, GWC-52, and GWC-53
- TDS: GWC-51, GWC-52, and GWC-53

Two-Step Analysis

Following the two-step analysis procedure as mentioned above, interwell prediction limits were then constructed using pooled upgradient well data through August 2024 to evaluate the apparent initial intrawell prediction limit exceedances listed above at downgradient wells (Figure H). An exceedance was identified for the following well/constituent pair:

- Chloride: GWC-53
- Sulfate: GWC-53
- TDS: GWC-53

It was noted that upgradient well GWA-45, which is included in the interwell background and represents groundwater quality upgradient of the site, has higher concentrations than neighboring upgradient wells for several of the Appendix III constituents. Therefore, the interwell comparisons for downgradient wells with reported lower concentration levels need to be interpreted cautiously and are further evaluated through trend analysis as described below.

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents (Figure I). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of variability in groundwater unrelated to practices at the site. A summary and complete the trend test results follow this letter. The following statistically significant trends were identified:

Increasing:

- Calcium: GWA-46, GWA-47 (both upgradient), and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Sulfate: GWC-51, GWC-52, and GWC-53
- TDS: GWA-45, GWA-47 (both upgradient), GWC-52, and GWC-53

Decreasing:

- Calcium: GWA-21 and GWA-45 (both upgradient)
- Chloride: GWA-22 (upgradient)

Note that the cause of the trends for calcium and sulfate at well GWC-52 is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect spatial variation, the earlier portion of the record may require deselection so that resulting limits are reflective of current water quality conditions.

Resample Reports – October 2025

Resamples were collected in October 2025 based on the results of the two-step approach for the following well/constituent pairs:

- Chloride: GWC-53
- Sulfate: GWC-53
- TDS GWC-53

An additional resample for pH at downgradient well GWC-53 was also collected. Intrawell prediction limits were constructed using background data through August/November 2024 to compare the October 2025 resamples for chloride, pH, sulfate, and TDS at well GWC-53 (Figure J). An exceedance was identified for the following well/constituent pair:

- Chloride: GWC-53

In accordance with the two-step approach, an interwell prediction limit using upgradient well data through July 2025 was constructed to evaluate the apparent exceedance for chloride at GWC-53 (Figure K). The reported measurement of 16 mg/L in well GWC-53 was found to exceed the interwell prediction limit of 14 mg/L.

Summary

Observations from the July 2025 sample event and October 2025 resamples at Scherer PAC were compared to established intrawell prediction limits for all Appendix I and III constituents. For parameters using intrawell prediction limits, the two-step approach followed by trend testing was used to evaluate apparent exceedances. Based on the results of the two-step approach for the July 2025 observations and October 2025 resamples, exceedances were identified for the following well/constituent pairs:

Appendix I:

- None

Appendix III:

- Chloride: GWC-53

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer PAC Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Abdul Diane
Groundwater Analyst

Andrew T. Collins
Project Manager

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Summary Tables

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100% Non-Detects: Appendix I Intrawell

Analysis Run 9/5/2025 12:44 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Antimony (mg/L)
GWA-22, GWA-45, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Arsenic (mg/L)
GWA-21, GWC-51

Beryllium (mg/L)
GWA-21, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Cadmium (mg/L)
GWA-21, GWA-22, GWA-45, GWA-46, GWA-48, GWA-49, GWC-29, GWC-51

Copper (mg/L)
GWA-46, GWC-53

Nickel (mg/L)
GWC-52

Selenium (mg/L)
GWA-21, GWA-46, GWC-51

Silver (mg/L)
GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, GWC-53

Thallium (mg/L)
GWA-47, GWA-49, GWC-29, GWC-52, GWC-53

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Date Ranges

Date: 9/15/2025 10:27 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Barium (mg/L)
- GWC-52 background:5/1/2012-8/31/2022
- GWC-53 background:3/26/2018-8/8/2024

Boron (mg/L)
- GWA-45 background:3/22/2018-8/8/2024

Calcium (mg/L)
- GWC-29 background:10/4/2018-8/8/2024
- GWC-52 background:4/11/2016-8/31/2022

Chromium (mg/L)
- GWC-52 background:12/21/2010-10/4/2018

Lead (mg/L)
- background:4/6/2016-8/9/2024

Sulfate (mg/L)
- GWC-52 background:4/11/2016-10/4/2018

TDS (mg/L)
- GWC-52 background:10/4/2018-8/8/2024

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/15/2025, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**7/28/2025**	**0.028**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWA-22**	**0.01313**	**n/a**	**7/28/2025**	**0.016**	**Yes**	**36**	**0.007652**	**0.002586**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**7/25/2025**	**0.0073**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**7/28/2025**	**0.027**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/15/2025, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-21	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-46	0.005	n/a	7/30/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-47	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-48	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-51	0.005	n/a	7/25/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-22	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-45	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-46	0.005	n/a	7/30/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-47	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-48	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-49	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-50	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-52	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-53	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-21	0.02877	n/a	7/28/2025	0.017	No	35	0.02245	0.002972	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-22	0.03038	n/a	7/28/2025	0.02	No	36	0.02404	0.002991	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-45	0.07871	n/a	7/28/2025	0.045	No	32	0.03994	0.01806	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-46	0.02426	n/a	7/30/2025	0.022	No	35	0.02016	0.001929	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-47	0.04523	n/a	7/28/2025	0.031	No	35	-3.537	0.2074	0	None	ln(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-48	0.031	n/a	7/28/2025	0.013	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-49	0.02293	n/a	7/28/2025	0.02	No	36	0.01964	0.001553	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-29	0.02326	n/a	7/28/2025	0.019	No	36	0.1305	0.01039	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-50	0.038	n/a	7/28/2025	0.013	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-51	0.019	n/a	7/25/2025	0.011	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**7/28/2025**	**0.028**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-53	0.05299	n/a	7/28/2025	0.031	No	14	0.04086	0.004802	0	None	No	0.0007022	Param Intra 1 of 2
Beryllium (mg/L)	GWA-22	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-45	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-51	0.001	n/a	7/25/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-47	0.0016	n/a	7/28/2025	0.0007ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-50	0.0007	n/a	7/28/2025	0.0007ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-52	0.0007	n/a	7/28/2025	0.0007ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-53	0.0007	n/a	7/28/2025	0.0007ND	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-21	0.007845	n/a	7/28/2025	0.0025ND	No	36	-5.916	0.5037	8.333	None	ln(x)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	**GWA-22**	**0.01313**	**n/a**	**7/28/2025**	**0.016**	**Yes**	**36**	**0.007652**	**0.002586**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	GWA-45	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-46	0.0088	n/a	7/30/2025	0.0044J	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-47	0.045	n/a	7/28/2025	0.009	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-48	0.028	n/a	7/28/2025	0.0057	No	36	n/a	n/a	2.778	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-49	0.009266	n/a	7/28/2025	0.0062	No	36	0.1838	0.0124	0	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-50	0.0089	n/a	7/28/2025	0.0037J	No	36	n/a	n/a	5.556	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**7/25/2025**	**0.0073**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**7/28/2025**	**0.027**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	GWC-53	0.0053	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	36.11	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-21	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	63.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-22	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-45	0.004393	n/a	7/28/2025	0.00084J	No	31	0.03981	0.01229	22.58	Kaplan-Meier	sqrt(x)	0.0007022	Param Intra 1 of 2
Cobalt (mg/L)	GWA-46	0.005	n/a	7/30/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-47	0.005	n/a	7/28/2025	0.005ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-48	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-49	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-50	0.01	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-51	0.005	n/a	7/25/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-52	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-53	0.01704	n/a	7/28/2025	0.015	No	36	0.008424	0.004064	2.778	None	No	0.0007022	Param Intra 1 of 2
Copper (mg/L)	GWA-21	0.0023	n/a	7/28/2025	0.0011	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-22	0.003	n/a	7/28/2025	0.0019	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-45	0.0068	n/a	7/28/2025	0.00075	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-47	0.022	n/a	7/28/2025	0.002ND	No	30	n/a	n/a	50	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-48	0.0084	n/a	7/28/2025	0.00069J	No	30	n/a	n/a	63.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-49	0.0031	n/a	7/28/2025	0.0012J	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-29	0.002	n/a	7/28/2025	0.0019	No	30	n/a	n/a	100	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-50	0.0046	n/a	7/28/2025	0.001	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-51	0.0025	n/a	7/25/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-52	0.002	n/a	7/28/2025	0.00088	No	31	n/a	n/a	100	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/15/2025, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWA-21	0.0022	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-22	0.002	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-45	0.0016	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-46	0.001	n/a	7/30/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-47	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-48	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-49	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-29	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-50	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-51	0.0015	n/a	7/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-52	0.001	n/a	7/28/2025	0.001ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-53	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-21	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-22	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-45	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-46	0.0002	n/a	7/30/2025	0.00018J	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-47	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-48	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-49	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-29	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-50	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-51	0.0002	n/a	7/25/2025	0.0002ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-52	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-53	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-21	0.0015	n/a	7/28/2025	0.00086J	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-22	0.005	n/a	7/28/2025	0.005ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-45	0.0011	n/a	7/28/2025	0.00073J	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-46	0.005	n/a	7/30/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-47	0.022	n/a	7/28/2025	0.005ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-48	0.016	n/a	7/28/2025	0.005ND	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-49	0.0019	n/a	7/28/2025	0.00045J	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.004J	No	31	n/a	n/a	38.71	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-50	0.0073	n/a	7/28/2025	0.0045J	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-51	0.0034	n/a	7/25/2025	0.0026	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-53	0.008133	n/a	7/28/2025	0.0075	No	31	0.00004852	0.000081186	0	None	x^2	0.0007022	Param Intra 1 of 2
Selenium (mg/L)	GWA-22	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-45	0.005	n/a	7/28/2025	0.005ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-47	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	97.14	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-48	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-49	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.003J	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-50	0.005	n/a	7/28/2025	0.0024J	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-52	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-53	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-21	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-22	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-45	0.001	n/a	7/28/2025	0.00025J	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-46	0.001	n/a	7/30/2025	0.00034J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-48	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-50	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-51	0.001	n/a	7/25/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-21	0.0072	n/a	7/28/2025	0.0034J	No	31	n/a	n/a	35.48	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-22	0.0083	n/a	7/28/2025	0.0054	No	31	n/a	n/a	32.26	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-45	0.0062	n/a	7/28/2025	0.0015J	No	31	n/a	n/a	48.39	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-46	0.006277	n/a	7/30/2025	0.002J	No	30	0.05652	0.01052	6.667	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-47	0.01931	n/a	7/28/2025	0.008	No	30	0.09539	0.02018	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-48	0.022	n/a	7/28/2025	0.018	No	31	0.0002765	0.00009634	0	None	x^2	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-49	0.02234	n/a	7/28/2025	0.02	No	31	0.01881	0.001639	0	None	No	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-29	0.007556	n/a	7/28/2025	0.0059	No	31	0.06977	0.007969	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-50	0.007096	n/a	7/28/2025	0.0043J	No	31	0.05081	0.01553	25.81	Kaplan-Meier	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-51	0.00737	n/a	7/25/2025	0.0044J	No	31	0.004792	0.001198	6.452	None	No	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-52	0.01339	n/a	7/28/2025	0.01	No	31	0.01086	0.001174	0	None	No	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-53	0.0065	n/a	7/28/2025	0.005ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-21	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-22	0.01	n/a	7/28/2025	0.01ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-45	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-46	0.01	n/a	7/30/2025	0.01ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-47	0.01	n/a	7/28/2025	0.01ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/15/2025, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWA-48	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-49	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-29	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-50	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-51	0.01	n/a	7/25/2025	0.01ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-52	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-53	0.01939	n/a	7/28/2025	0.016	No	31	0.01409	0.00246	0	None	No	0.0007022	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 1:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-52	0.091	n/a	7/28/2025	0.028	No	257	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-51	0.045	n/a	7/25/2025	0.0073	No	266	n/a	n/a	14.29	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-52	0.045	n/a	7/28/2025	0.027	No	266	n/a	n/a	14.29	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

Appendix I - Trend Test Summary - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 1:06 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003421**	**-265**	**-206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.00309**	**371**	**176**	**Yes**	**34**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003529**	**381**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-52**	**0.001242**	**589**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-21 (bg)**	**-0.0001815**	**-246**	**-206**	**Yes**	**38**	**13.16**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-22 (bg)**	**0.000529**	**465**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-51**	**0.0002128**	**249**	**206**	**Yes**	**38**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.001921**	**461**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I - Trend Test Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 1:06 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-21 (bg)	0	16	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003421**	**-265**	**-206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.00309**	**371**	**176**	**Yes**	**34**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003529**	**381**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWA-47 (bg)	0	-17	-199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-48 (bg)	0	11	191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-49 (bg)	0	52	206	No	38	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-52**	**0.001242**	**589**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-21 (bg)**	**-0.0001815**	**-246**	**-206**	**Yes**	**38**	**13.16**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-22 (bg)**	**0.000529**	**465**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-45 (bg)	0	-62	-206	No	38	84.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-46 (bg)	0.00005095	154	206	No	38	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-47 (bg)	0.0000933	74	206	No	38	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-48 (bg)	-0.00002524	-34	-206	No	38	2.632	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-49 (bg)	0.00001756	31	206	No	38	0	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWC-51**	**0.0002128**	**249**	**206**	**Yes**	**38**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.001921**	**461**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/8/2025, 12:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**7/28/2025**	**31**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-47**	**1.878**	**n/a**	**7/28/2025**	**2**	**Yes**	**23**	**1.547**	**0.1645**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**7/25/2025**	**9.1**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-53**	**15.26**	**n/a**	**7/28/2025**	**16**	**Yes**	**25**	**11.81**	**1.733**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**7/25/2025**	**4.8**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**7/28/2025**	**95**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**7/28/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-51**	**104.2**	**n/a**	**7/25/2025**	**140**	**Yes**	**22**	**78.59**	**12.6**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-52**	**224.7**	**n/a**	**7/28/2025**	**250**	**Yes**	**13**	**176.9**	**20.97**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-53**	**330.7**	**n/a**	**7/28/2025**	**370**	**Yes**	**23**	**264.3**	**32.93**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/8/2025, 12:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.19	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.349	n/a	7/28/2025	0.94	No	14	0.9786	0.1656	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.11	n/a	7/30/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.12	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	7/28/2025	0.08ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	7/25/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.124	n/a	7/28/2025	1.1	No	23	0.9576	0.08273	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.11	n/a	7/28/2025	5.8	No	23	8.333	1.374	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	11.08	n/a	7/28/2025	7.5	No	23	7.67	1.69	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.98	n/a	7/28/2025	19	No	23	32.45	7.205	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.262	n/a	7/30/2025	6.5	No	23	5.955	0.648	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	17	n/a	7/28/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-48	14	n/a	7/28/2025	13	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-49	16	n/a	7/28/2025	15	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	22.36	n/a	7/28/2025	19	No	13	15.62	2.959	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.239	n/a	7/28/2025	8.2	No	22	7.243	0.4906	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.588	n/a	7/25/2025	8.2	No	23	7.057	0.7591	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**7/28/2025**	**31**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-53	21.26	n/a	7/28/2025	21	No	23	17.56	1.834	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.32	n/a	7/28/2025	2.8	No	23	3.423	0.4447	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	5	n/a	7/28/2025	1.7	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-45	14	n/a	7/28/2025	13	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	6.141	n/a	7/30/2025	5.3	No	23	4.109	1.007	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWA-47**	**1.878**	**n/a**	**7/28/2025**	**2**	**Yes**	**23**	**1.547**	**0.1645**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-48	1.99	n/a	7/28/2025	1.6	No	22	1.747	0.1197	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.328	n/a	7/28/2025	2	No	23	2.069	0.1283	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.065	n/a	7/28/2025	3	No	22	3.436	0.3094	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.197	n/a	7/28/2025	1.8	No	23	1.904	0.1455	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**7/25/2025**	**9.1**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-52	8.531	n/a	7/28/2025	8.3	No	22	237487	72936	0	None	x^6	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWC-53**	**15.26**	**n/a**	**7/28/2025**	**16**	**Yes**	**25**	**11.81**	**1.733**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Fluoride (mg/L)	GWA-21	0.2	n/a	7/28/2025	0.084J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.2	n/a	7/28/2025	0.2ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.2	n/a	7/28/2025	0.2ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.2	n/a	7/30/2025	0.16J	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.2	n/a	7/28/2025	0.12J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.2	n/a	7/28/2025	0.12J	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-49	0.2	n/a	7/28/2025	0.099J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.2	n/a	7/28/2025	0.12J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.2	n/a	7/28/2025	0.081J	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.2	n/a	7/25/2025	0.11J	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.2	n/a	7/28/2025	0.11J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.2	n/a	7/28/2025	0.11J	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	GWA-21	6.053	5.549	7/28/2025	5.8	No	37	5.801	0.1319	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-22	6.345	5.588	7/28/2025	5.99	No	36	5.966	0.198	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-45	6.54	5.88	7/28/2025	6.08	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-46	6.83	5.45	7/30/2025	5.84	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-47	6.632	6.24	7/28/2025	6.36	No	41	6.436	0.1034	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-48	6.987	6.595	7/28/2025	6.72	No	40	6.791	0.1033	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-49	7.112	6.548	7/28/2025	6.86	No	38	15119	1618	0	None	x^5	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-29	6.353	5.494	7/28/2025	6.19	No	37	5.924	0.2253	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-50	6.032	5.568	7/28/2025	5.66	No	39	5.8	0.1222	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-51	6.04	5.68	7/25/2025	5.79	No	39	5.86	0.0948	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-52	6.882	6.416	7/28/2025	6.5	No	39	6.649	0.1228	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-53	6.14	5.37	7/28/2025	5.46	No	41	n/a	n/a	0	n/a	n/a	0.002236	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-21	2.876	n/a	7/28/2025	1.7	No	23	1.553	0.6561	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1.7	n/a	7/28/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	189.8	n/a	7/28/2025	140	No	23	153.8	17.85	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1.7	n/a	7/30/2025	1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1.6	n/a	7/28/2025	0.78J	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	2.011	n/a	7/28/2025	1	No	23	1.116	0.1499	0	None	sqrt(x)	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1.2	n/a	7/28/2025	1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.35	n/a	7/28/2025	2.7	No	23	2.541	0.4008	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/8/2025, 12:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-50	1	n/a	7/28/2025	1ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**7/25/2025**	**4.8**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**7/28/2025**	**95**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**7/28/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-21	125.4	n/a	7/28/2025	99	No	23	89.74	17.65	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-22	106.3	n/a	7/28/2025	74	No	23	71.39	17.32	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-45	371.6	n/a	7/28/2025	330	No	23	286.4	42.22	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-46	88.63	n/a	7/30/2025	49	No	23	54.8	16.77	4.348	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-47	122.3	n/a	7/28/2025	110	No	23	90.04	15.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-48	121.8	n/a	7/28/2025	110	No	23	95.26	13.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-49	130.8	n/a	7/28/2025	120	No	22	110.2	10.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-29	144.1	n/a	7/28/2025	130	No	23	99.57	22.1	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-50	109.1	n/a	7/28/2025	82	No	22	70.68	18.93	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	**GWC-51**	**104.2**	**n/a**	**7/25/2025**	**140**	**Yes**	**22**	**78.59**	**12.6**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-52**	**224.7**	**n/a**	**7/28/2025**	**250**	**Yes**	**13**	**176.9**	**20.97**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-53**	**330.7**	**n/a**	**7/28/2025**	**370**	**Yes**	**23**	**264.3**	**32.93**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 12:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWC-53**	**14**	**n/a**	**7/28/2025**	**16**	**Yes**	**174**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**7/28/2025**	**190**	**Yes**	**175**	**n/a**	**n/a**	**37.14**	**n/a**	**n/a**	**0.00006462**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**GWC-53**	**360**	**n/a**	**7/28/2025**	**370**	**Yes**	**174**	**n/a**	**n/a**	**0.5747**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 12:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-52	45	n/a	7/28/2025	31	No	175	n/a	n/a	0	n/a	n/a	0.00006462	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	14	n/a	7/25/2025	9.1	No	174	n/a	n/a	0	n/a	n/a	0.00006541	NP Inter (normality) 1 of 2
Chloride (mg/L)	**GWC-53**	**14**	**n/a**	**7/28/2025**	**16**	**Yes**	**174**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-51	180	n/a	7/25/2025	4.8	No	175	n/a	n/a	37.14	n/a	n/a	0.00006462	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	7/28/2025	95	No	175	n/a	n/a	37.14	n/a	n/a	0.00006462	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**7/28/2025**	**190**	**Yes**	**175**	**n/a**	**n/a**	**37.14**	**n/a**	**n/a**	**0.00006462**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	GWC-51	360	n/a	7/25/2025	140	No	174	n/a	n/a	0.5747	n/a	n/a	0.00006541	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-52	360	n/a	7/28/2025	250	No	174	n/a	n/a	0.5747	n/a	n/a	0.00006541	NP Inter (normality) 1 of 2
TDS (mg/L)	**GWC-53**	**360**	**n/a**	**7/28/2025**	**370**	**Yes**	**174**	**n/a**	**n/a**	**0.5747**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**

Appendix III - Trend Test Summary - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 12:38 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.317**	**-132**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-45 (bg)**	**-1.753**	**-141**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1361**	**131**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3718**	**183**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-52**	**1.86**	**249**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-22 (bg)**	**-0.1965**	**-180**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4399**	**173**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3253**	**240**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-51**	**0.2288**	**213**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-53**	**0.5485**	**266**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-51**	**0.2715**	**190**	**111**	**Yes**	**25**	**36**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.649**	**266**	**111**	**Yes**	**25**	**4**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.537**	**200**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWA-45 (bg)**	**9.281**	**132**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWA-47 (bg)**	**2.427**	**147**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-52**	**13**	**230**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-53**	**9.154**	**172**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III - Trend Test Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 12:38 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.317**	**-132**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-22 (bg)	0.2842	96	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-45 (bg)**	**-1.753**	**-141**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1361**	**131**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3718**	**183**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-48 (bg)	0	20	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	49	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-52**	**1.86**	**249**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-21 (bg)	0.05089	56	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-22 (bg)**	**-0.1965**	**-180**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4399**	**173**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3253**	**240**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-47 (bg)	0.02685	95	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-2	-105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	0	-57	-111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWC-51**	**0.2288**	**213**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-53**	**0.5485**	**266**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-21 (bg)	0.0906	110	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	26	111	No	25	84	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	1.89	78	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	33	111	No	25	56	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	34	111	No	25	64	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0	-11	-111	No	25	4	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-25	-111	No	25	52	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWC-51**	**0.2715**	**190**	**111**	**Yes**	**25**	**36**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.649**	**266**	**111**	**Yes**	**25**	**4**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.537**	**200**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWA-21 (bg)	2.978	109	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-22 (bg)	2.497	82	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**GWA-45 (bg)**	**9.281**	**132**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWA-46 (bg)	2.337	93	111	No	25	4	n/a	n/a	0.01	NP
TDS (mg/L)	**GWA-47 (bg)**	**2.427**	**147**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWA-48 (bg)	1.16	80	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-49 (bg)	1.428	87	105	No	24	0	n/a	n/a	0.01	NP
TDS (mg/L)	GWC-51	1.97	77	105	No	24	0	n/a	n/a	0.01	NP
TDS (mg/L)	**GWC-52**	**13**	**230**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-53**	**9.154**	**172**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 12/10/2025, 8:48 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWC-53**	**15.26**	**n/a**	**10/21/2025**	**16**	**Yes**	**25**	**11.81**	**1.733**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 12/10/2025, 8:33 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWC-53**	**15.26**	**n/a**	**10/21/2025**	**16**	**Yes**	**25**	**11.81**	**1.733**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-53	6.14	5.37	10/21/2025	5.44	No	41	n/a	n/a	0	n/a	n/a	0.002236	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-53	189.3	n/a	10/21/2025	180	No	23	158.9	15.05	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-53	330.7	n/a	10/21/2025	310	No	23	264.3	32.93	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 12/10/2025, 8:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWC-53**	**14**	**n/a**	**10/21/2025**	**16**	**Yes**	**174**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**

FIGURE A.

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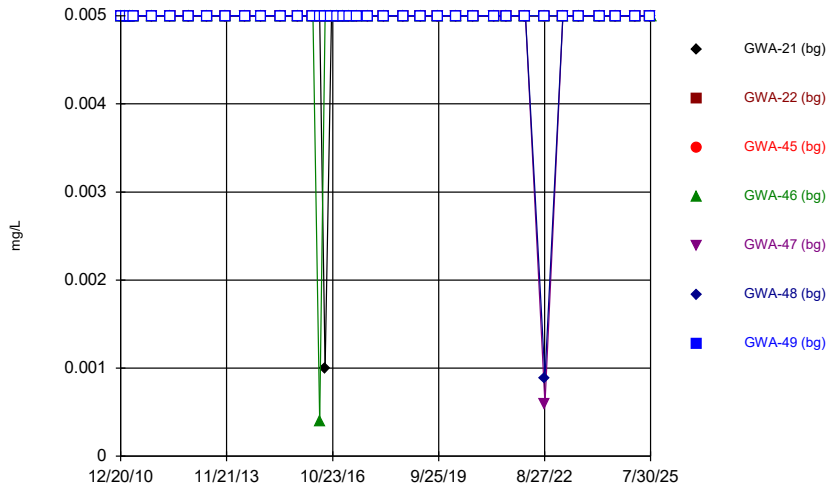

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Plant Scherer Client: Southern Company Data: Scherer PAC

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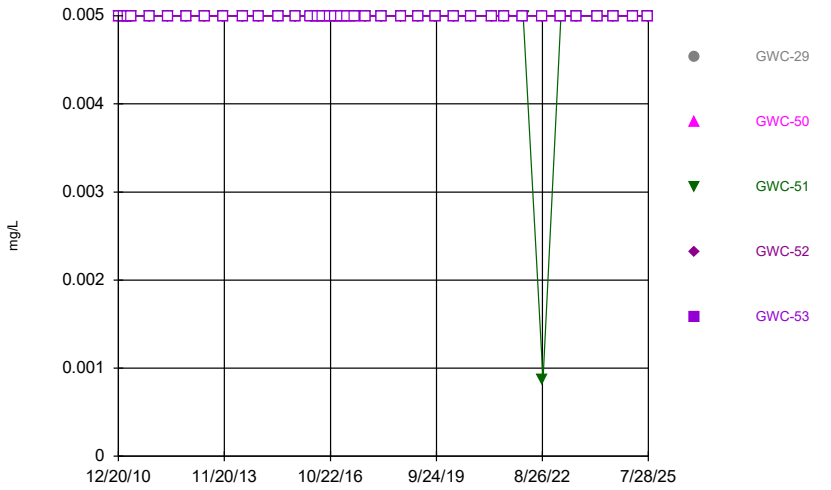

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Plant Scherer Client: Southern Company Data: Scherer PAC

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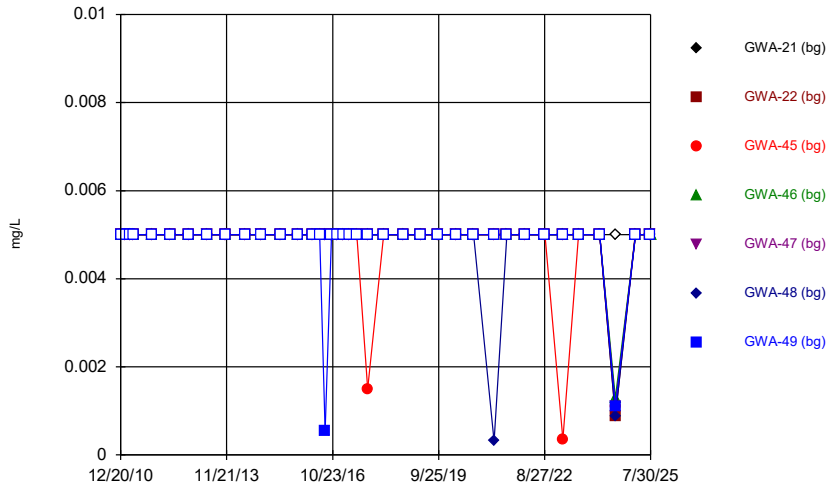

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Plant Scherer Client: Southern Company Data: Scherer PAC

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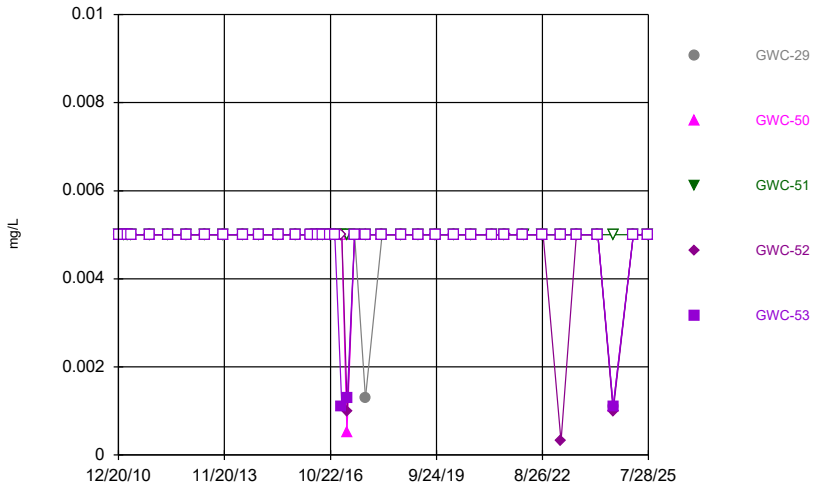

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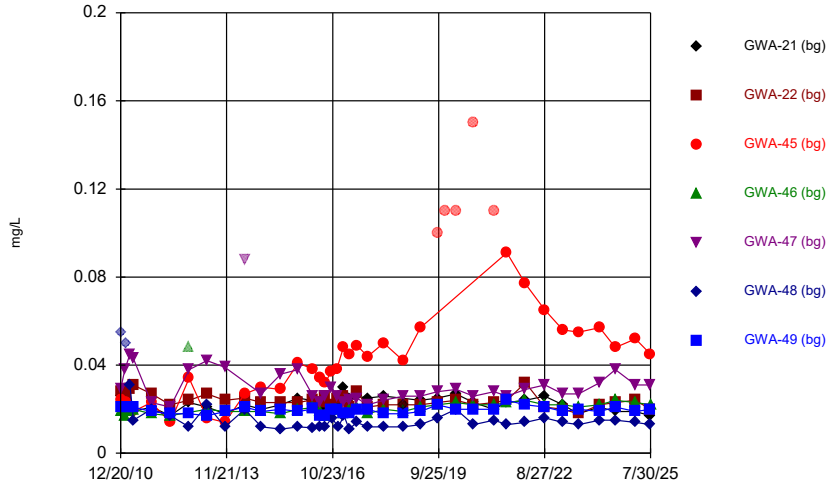

Constituent: Barium Analysis Run 12/10/2025 8:36 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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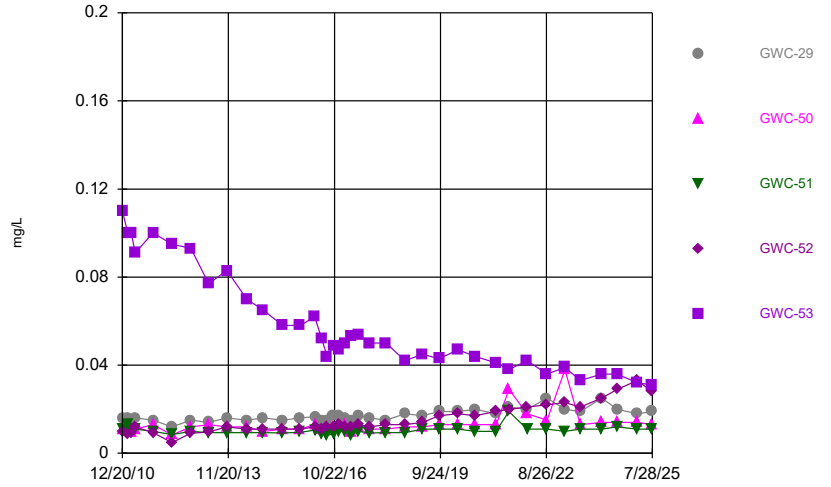
Time Series



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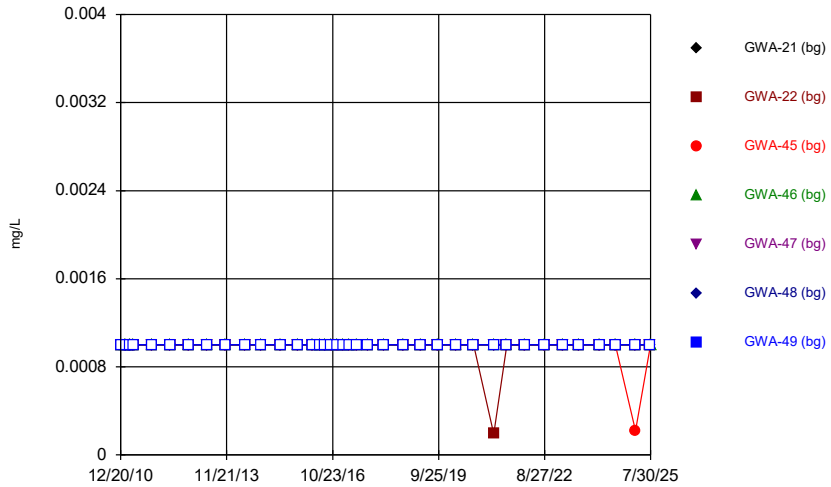

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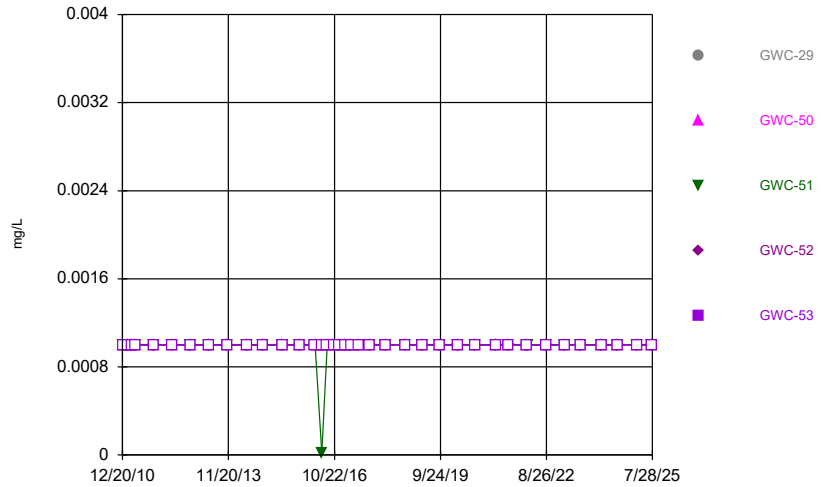

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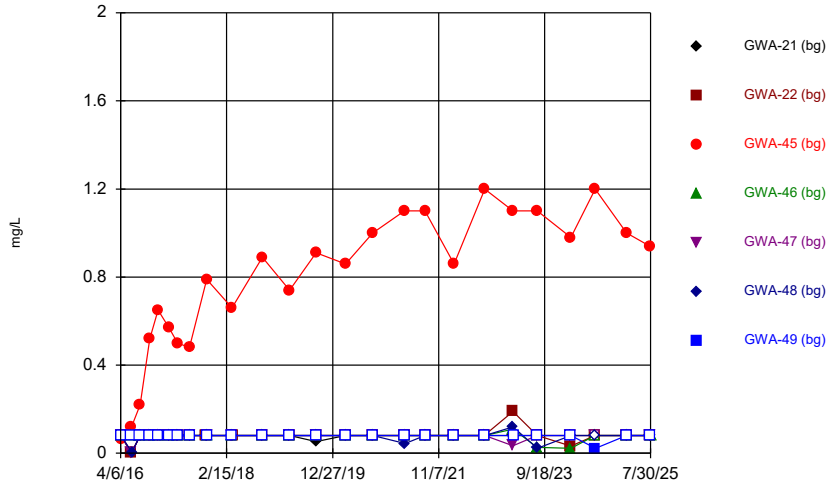

Constituent: Boron Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

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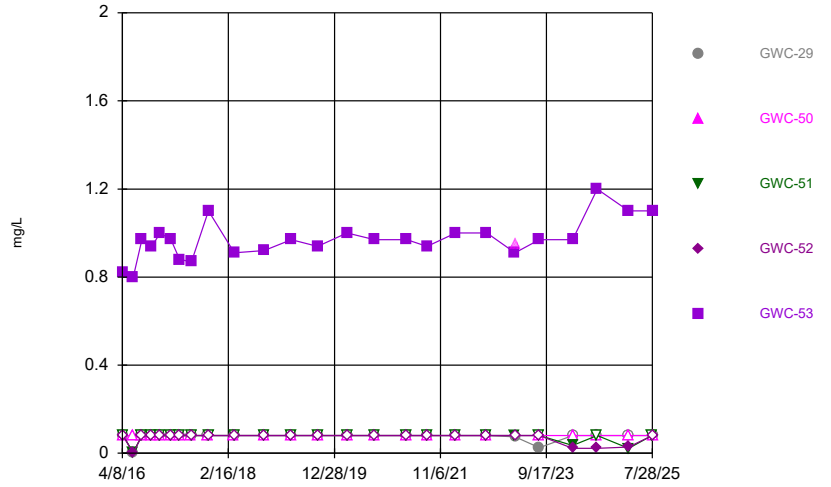

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Plant Scherer Client: Southern Company Data: Scherer PAC

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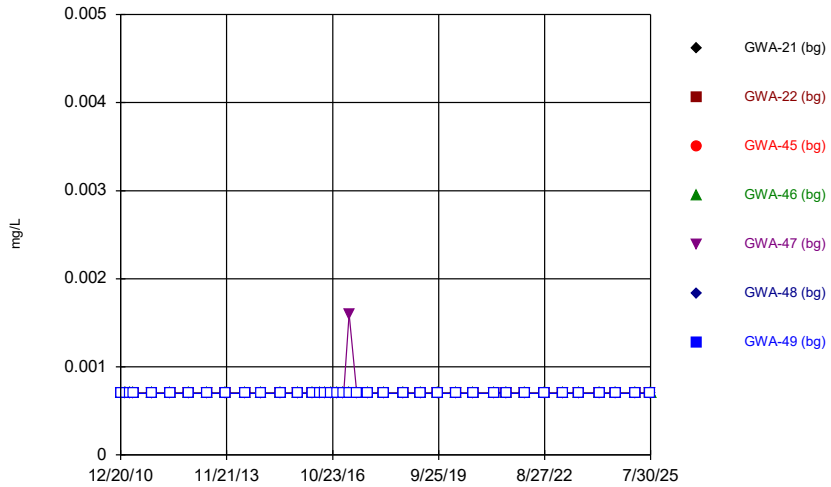

Constituent: Cadmium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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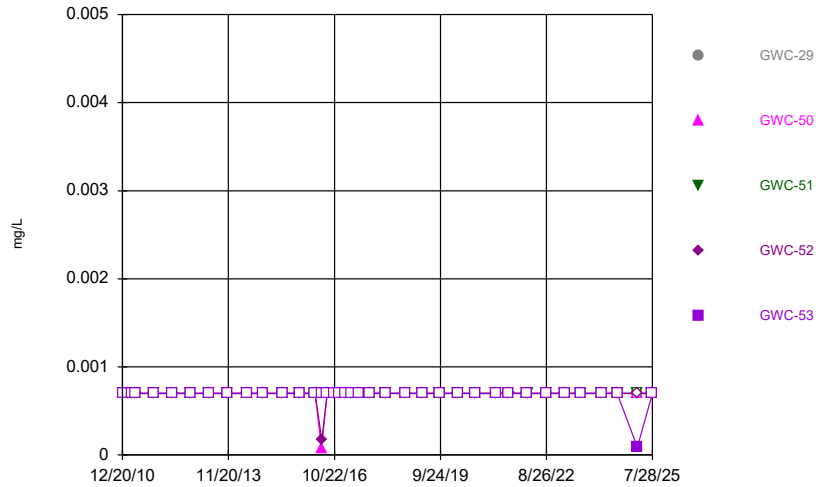

Constituent: Cadmium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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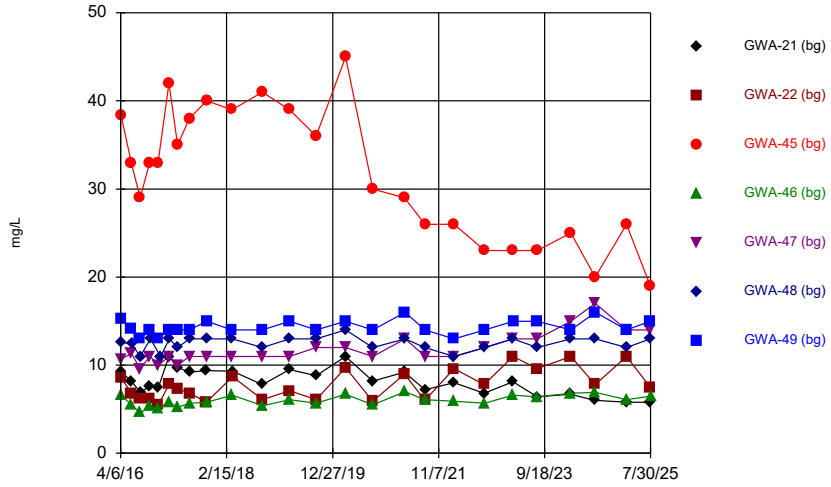

Constituent: Calcium Analysis Run 12/10/2025 8:37 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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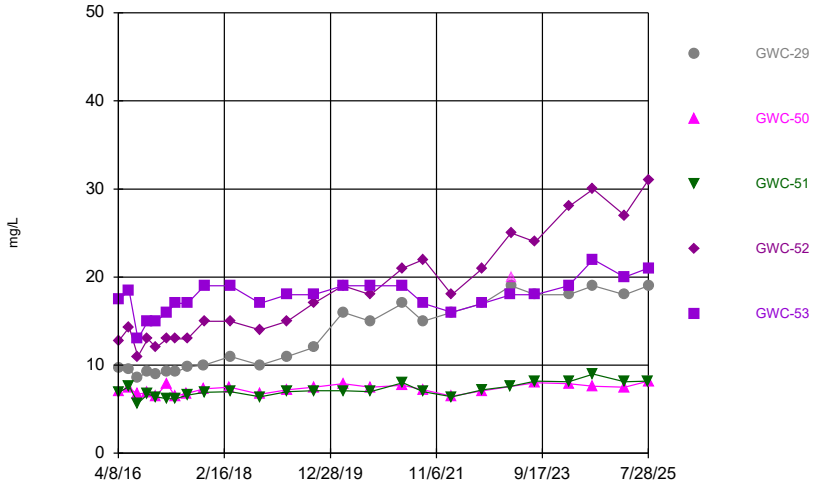
Time Series



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Plant Scherer Client: Southern Company Data: Scherer PAC

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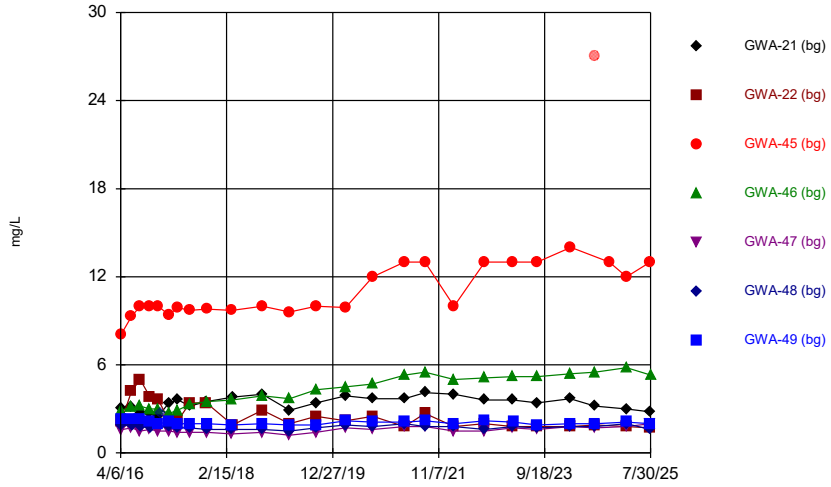

Constituent: Chloride Analysis Run 12/10/2025 8:37 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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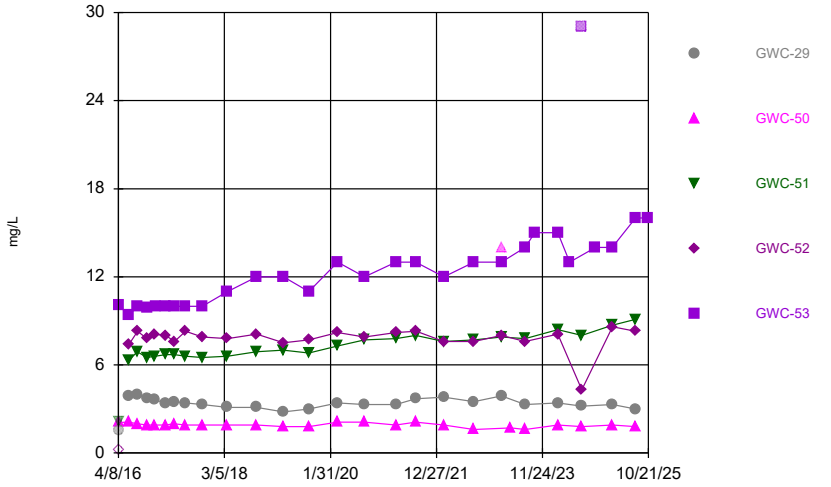
Hollow symbols indicate censored values.

Time Series



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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

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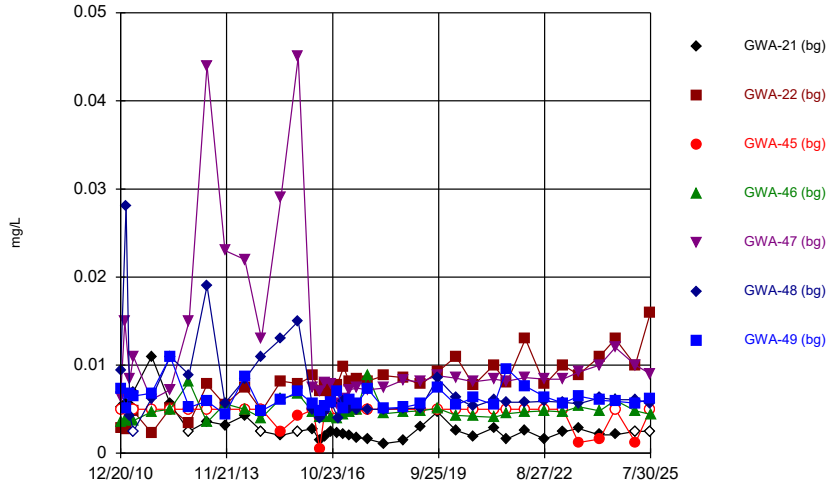

Constituent: Chromium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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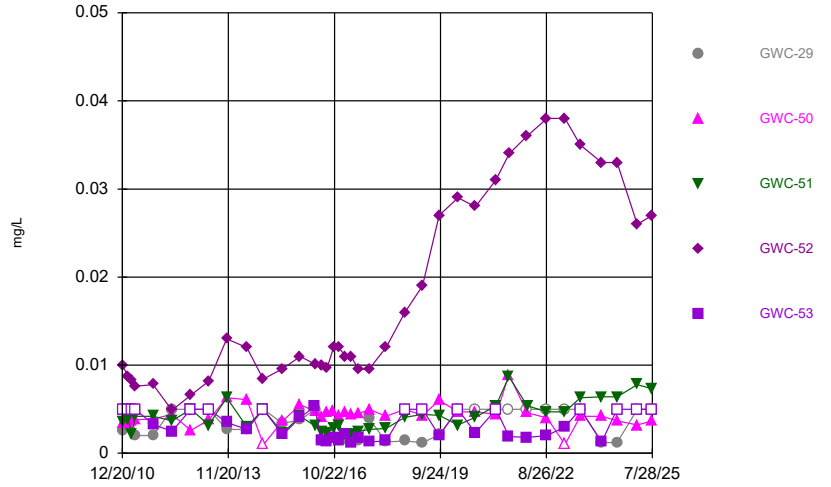
Hollow symbols indicate censored values.

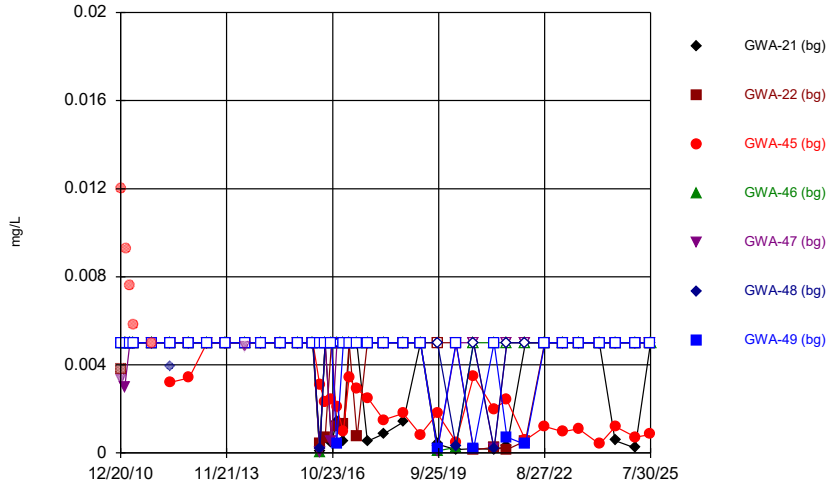
Time Series



Constituent: Chromium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

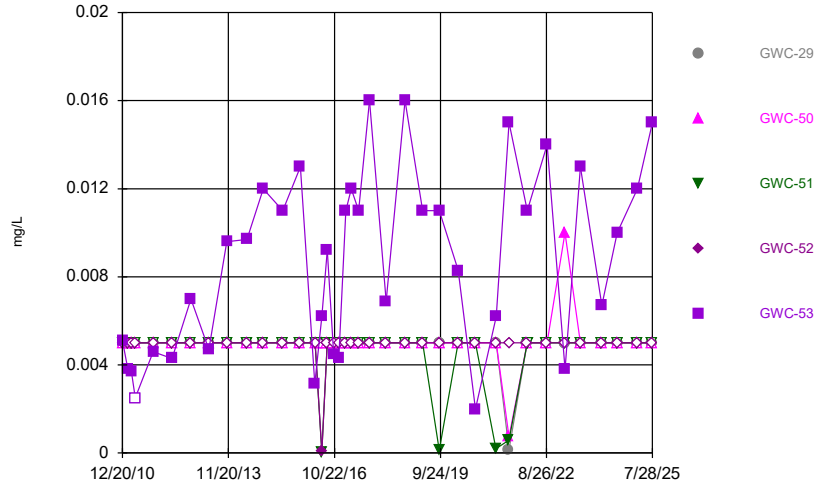
Time Series



Constituent: Cobalt Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

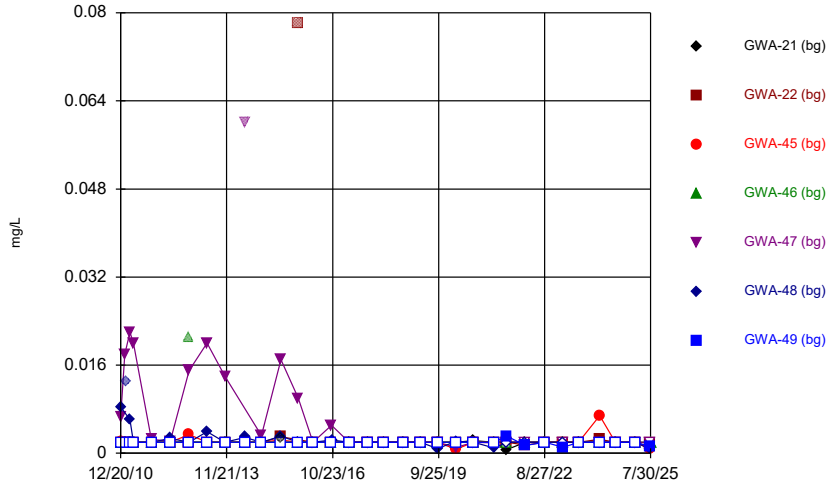
Time Series



Constituent: Cobalt Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

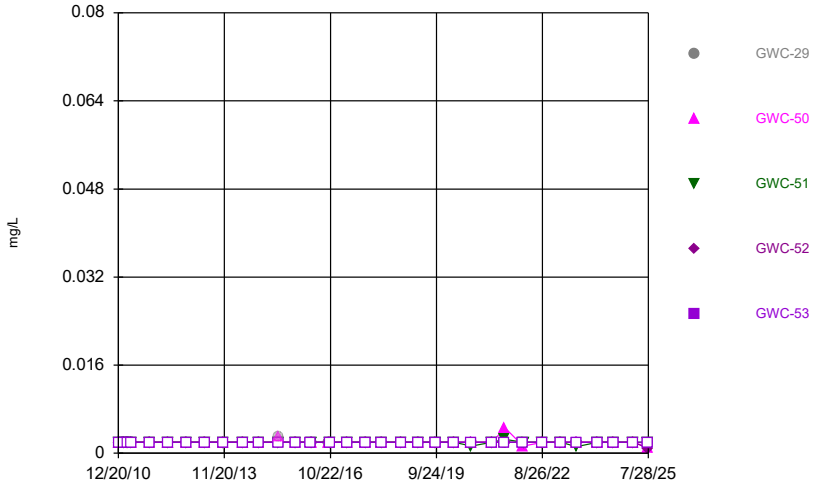
Time Series



Constituent: Copper Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

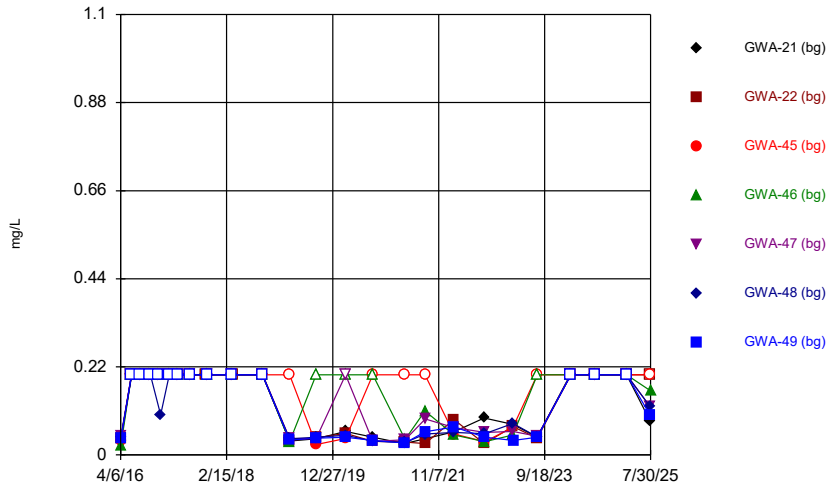
Time Series



Constituent: Copper Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

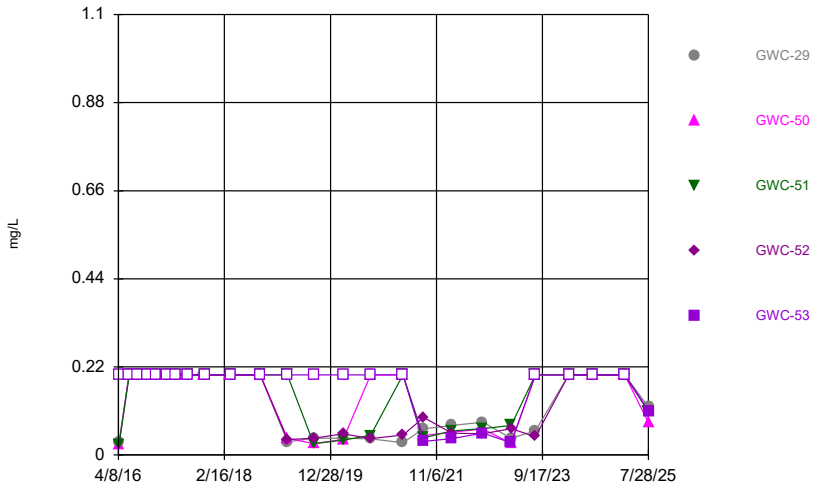
Time Series



Constituent: Fluoride Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

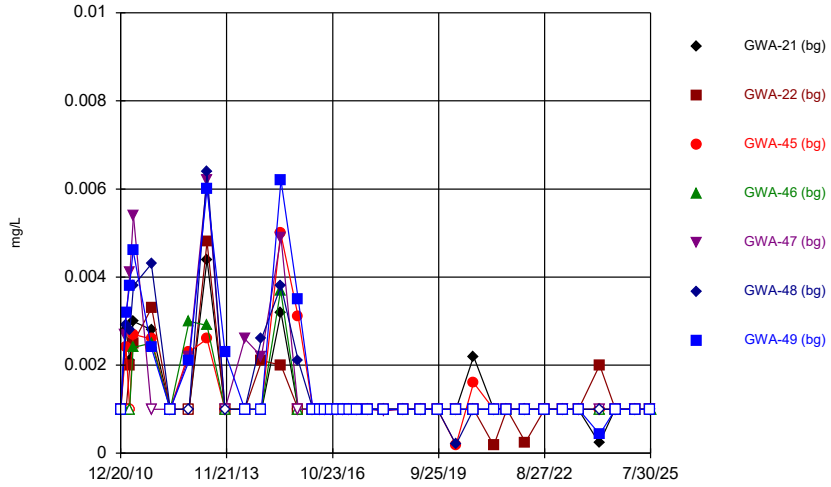
Time Series



Constituent: Fluoride Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

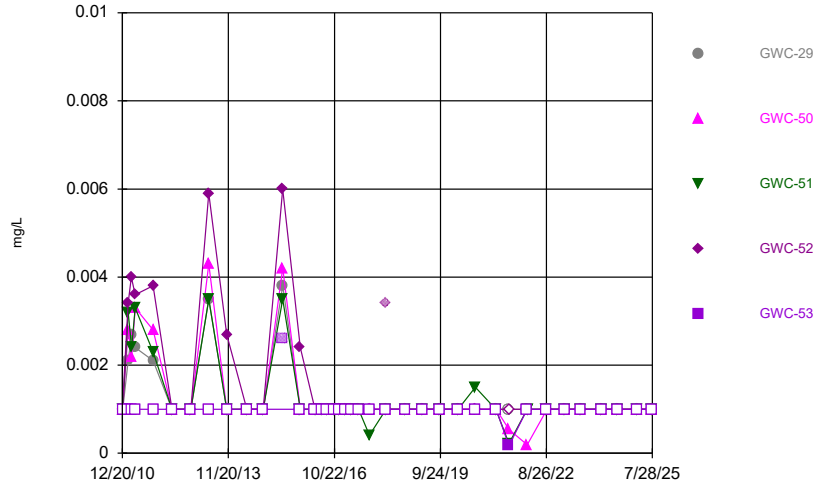
Time Series



Constituent: Lead Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

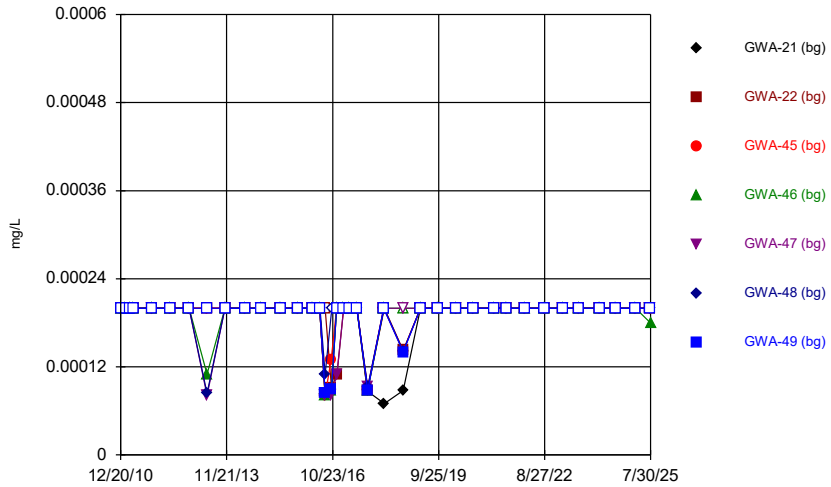
Time Series



Constituent: Lead Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

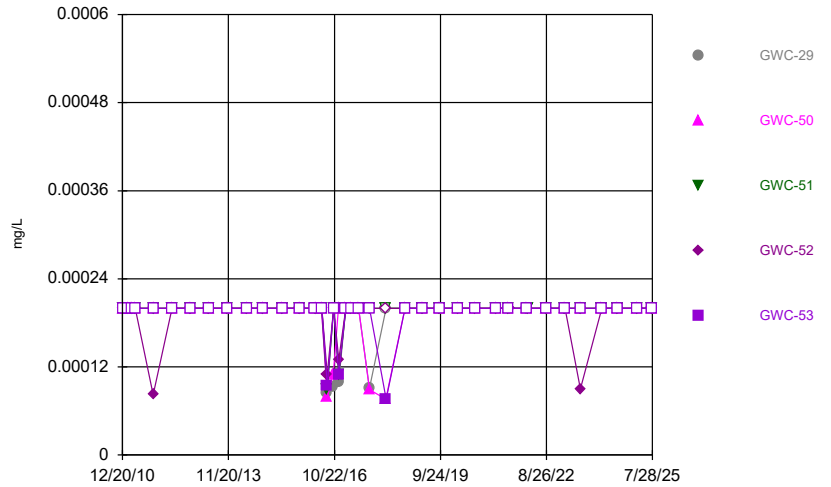
Time Series



Constituent: Mercury Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

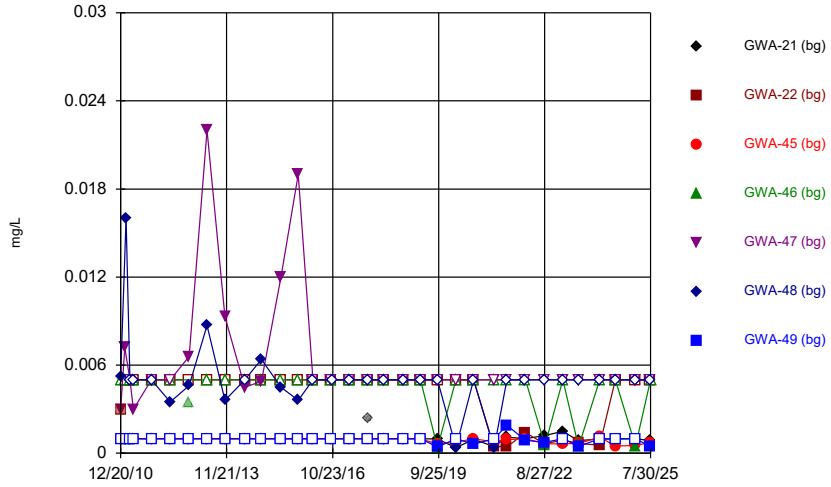
Time Series



Constituent: Mercury Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

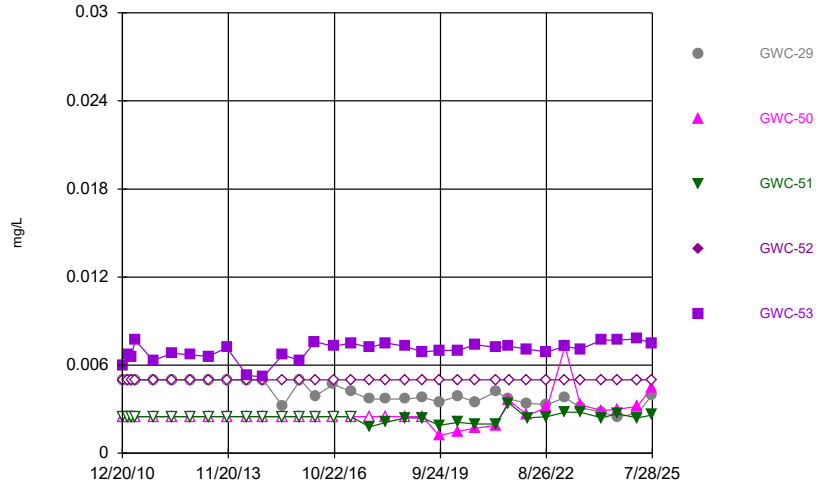


Constituent: Nickel Analysis Run 12/10/2025 8:37 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

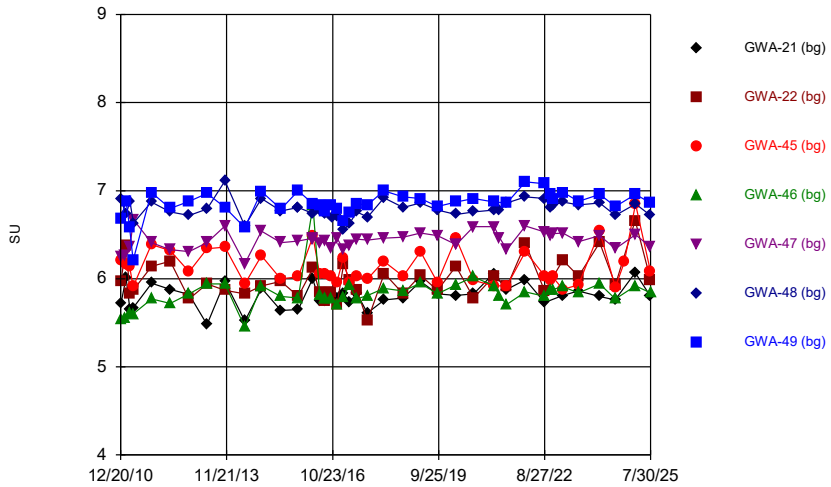


Constituent: Nickel Analysis Run 12/10/2025 8:37 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

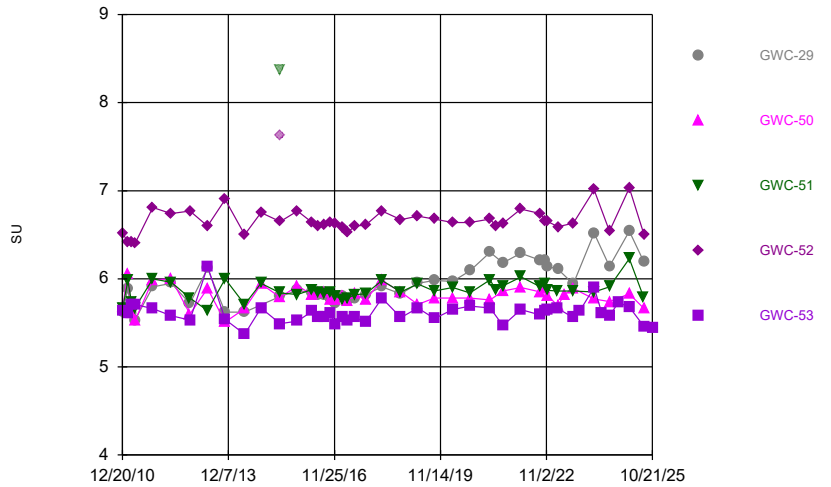


Constituent: pH, Field Analysis Run 12/10/2025 8:37 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

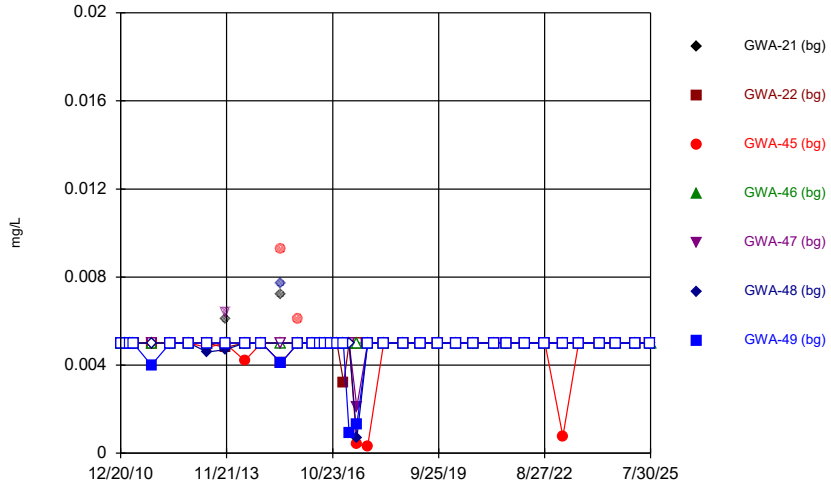


Constituent: pH, Field Analysis Run 12/10/2025 8:37 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

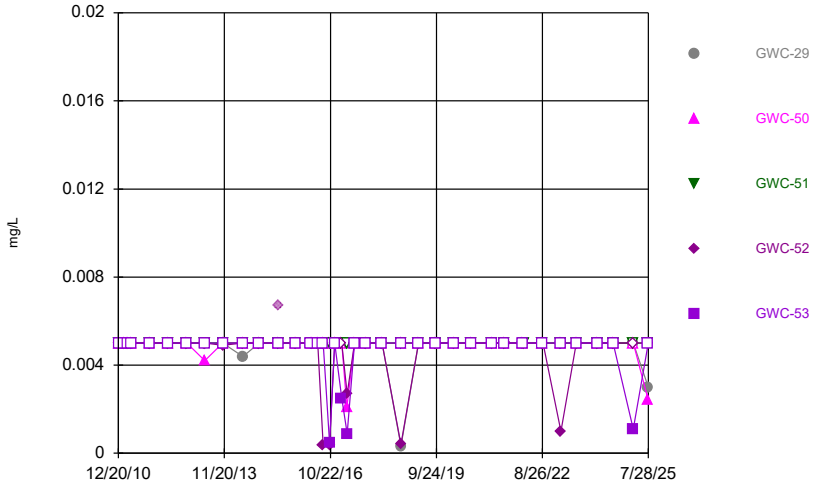
Time Series



Constituent: Selenium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

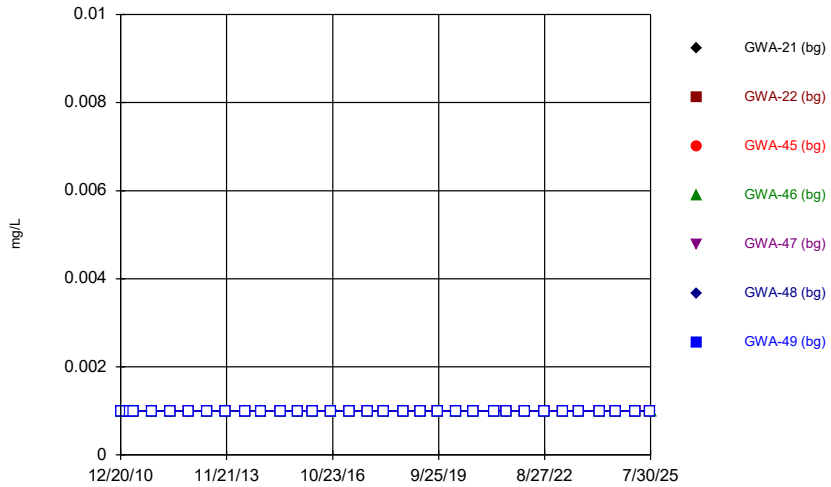
Time Series



Constituent: Selenium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

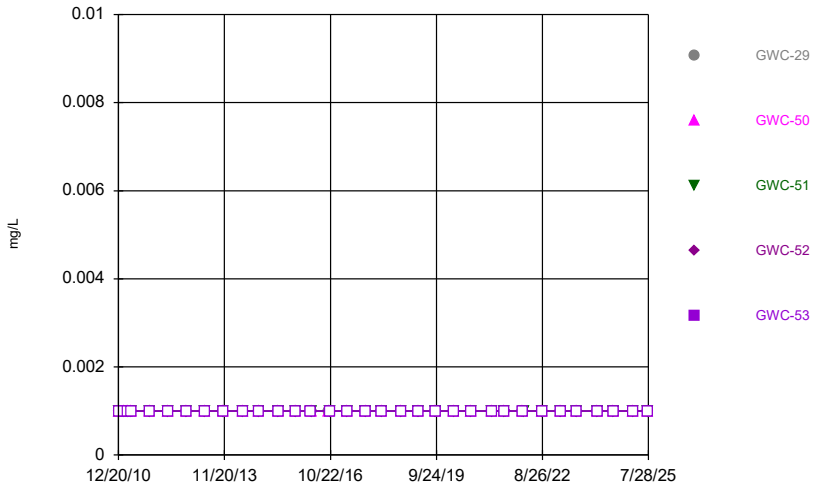
Time Series



Constituent: Silver Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

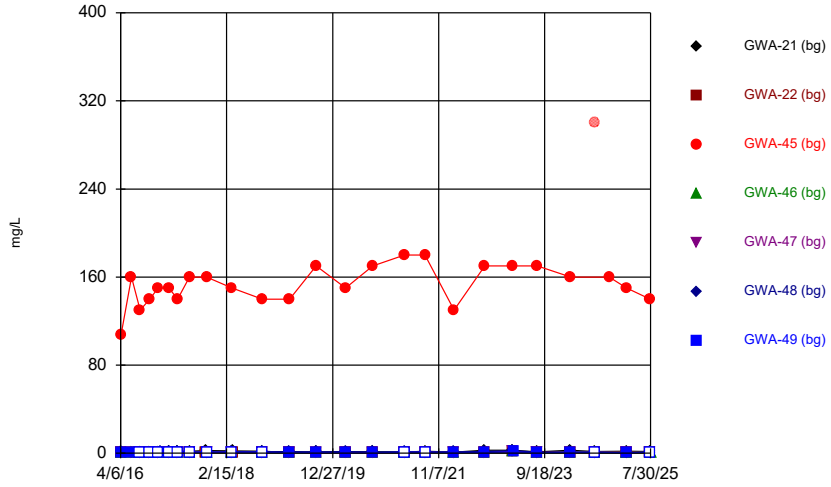
Time Series



Constituent: Silver Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

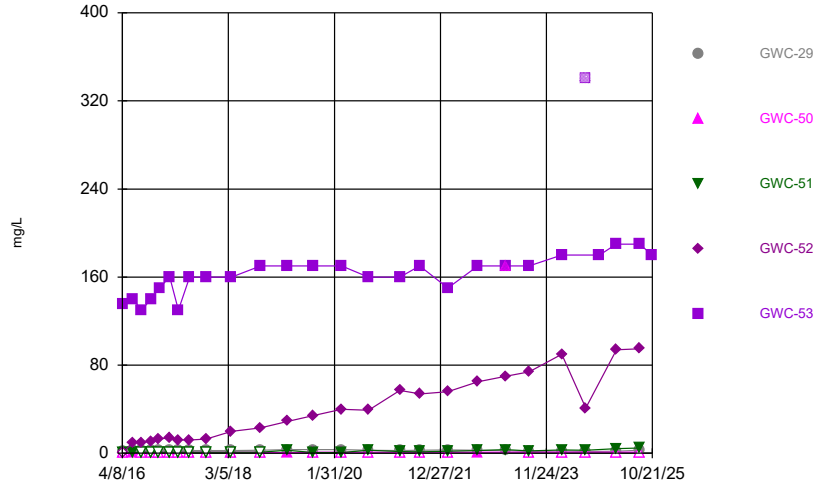
Time Series



Constituent: Sulfate Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

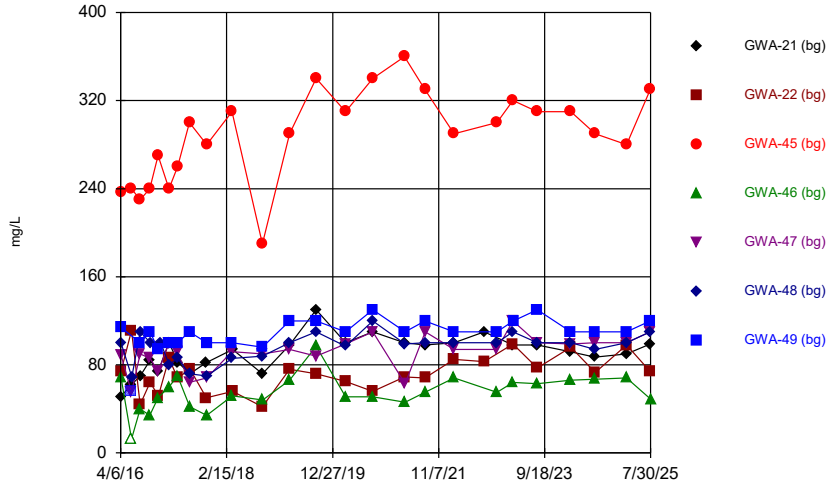
Time Series



Constituent: Sulfate Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

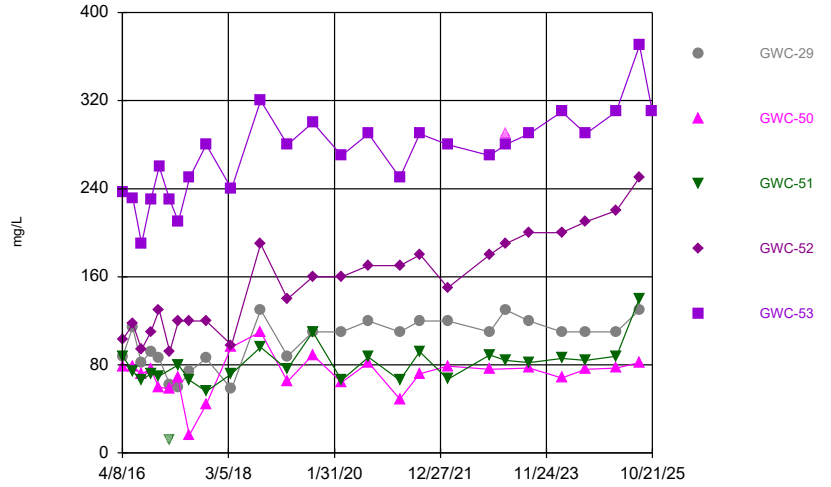
Time Series



Constituent: TDS Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

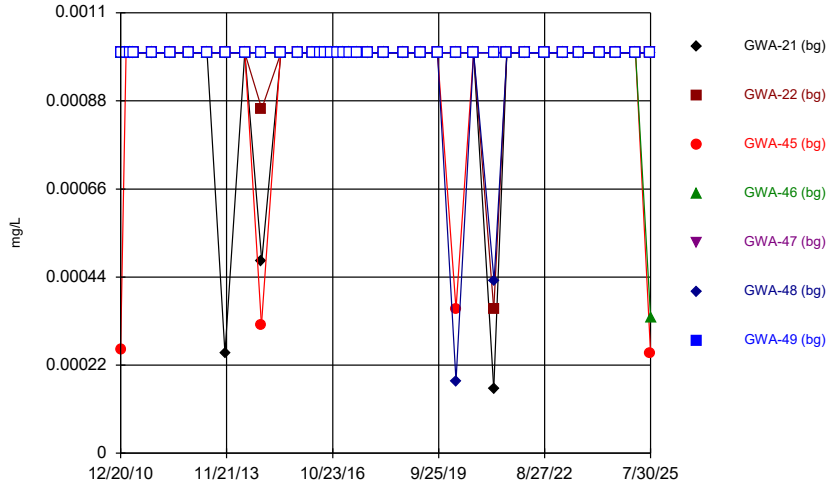
Time Series



Constituent: TDS Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

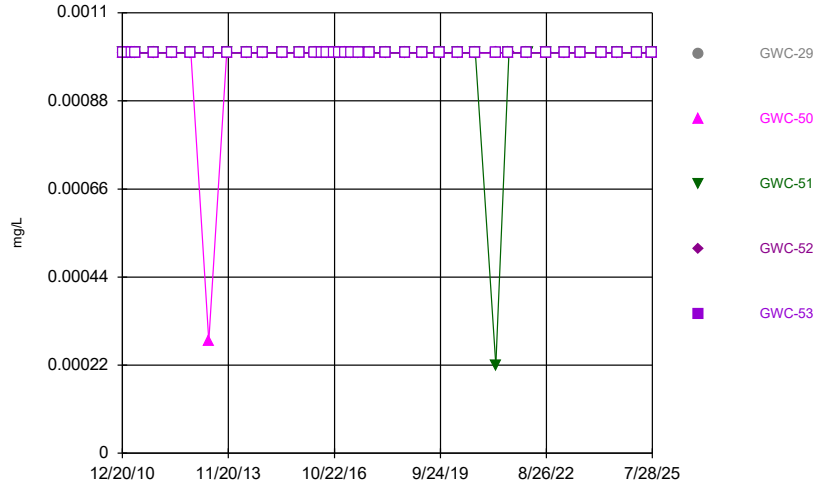
Time Series



Constituent: Thallium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

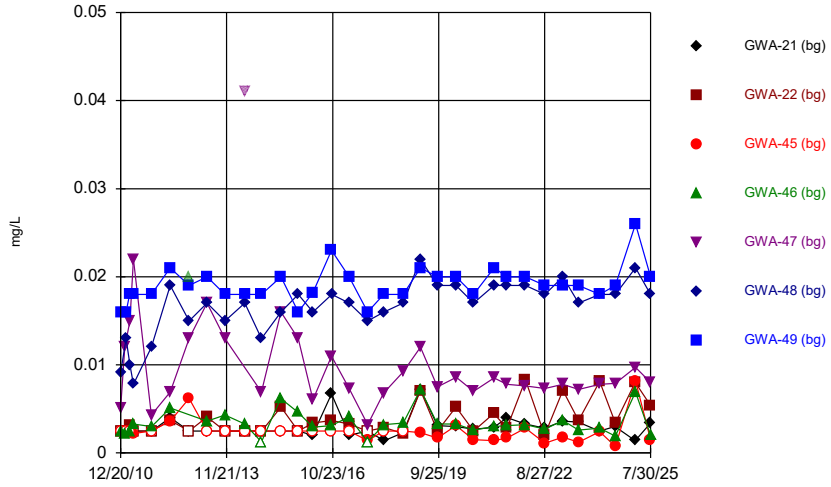
Time Series



Constituent: Thallium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

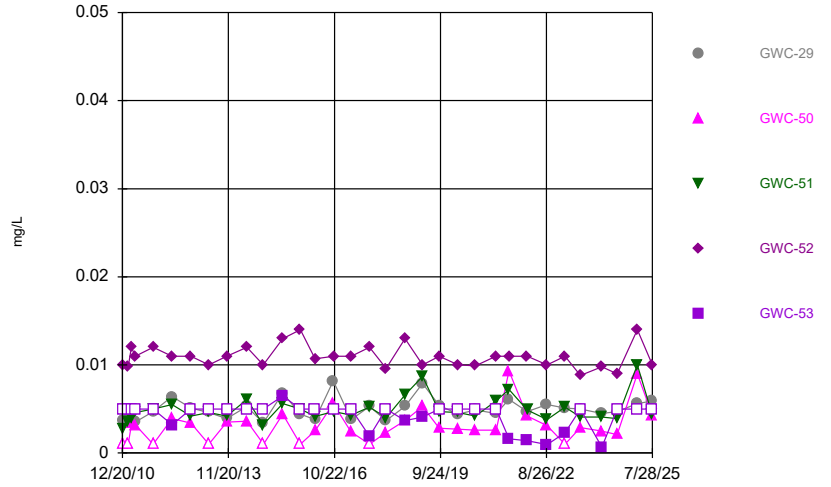
Time Series



Constituent: Vanadium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

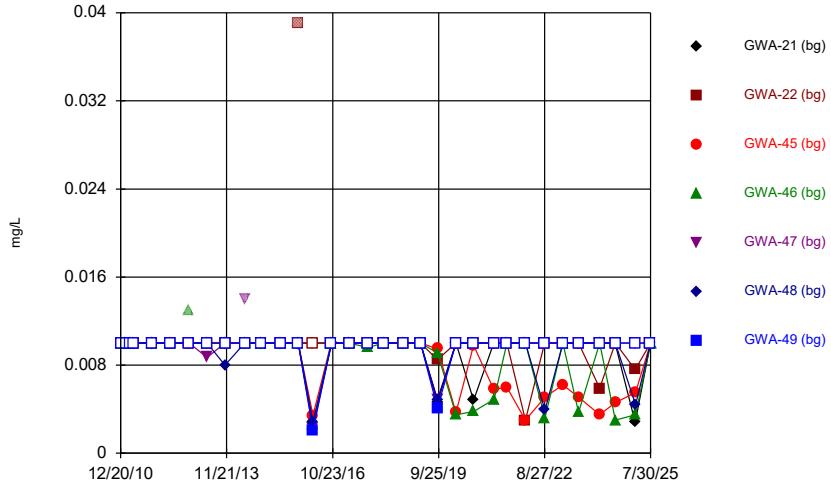
Time Series



Constituent: Vanadium Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

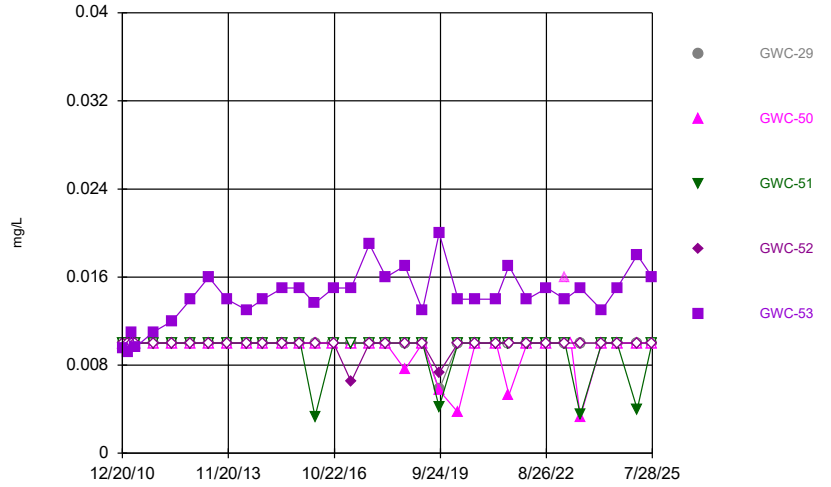
Time Series



Constituent: Zinc Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 12/10/2025 8:37 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	<0.005	
5/8/2013			<0.005				<0.005
11/4/2013	<0.005	<0.005	<0.005	<0.005			
11/5/2013					<0.005	<0.005	<0.005
5/23/2014					<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	<0.005	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			<0.005	<0.005			
5/21/2015	<0.005	<0.005			<0.005	<0.005	<0.005
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	<0.005	<0.005			
4/6/2016	<0.005						
4/7/2016			<0.005	<0.005		<0.005	<0.005
4/8/2016		<0.005			<0.005		
6/14/2016	<0.005	<0.005	<0.005	0.0004 (J)	<0.005		<0.005
6/17/2016						<0.005	
8/9/2016		<0.005	<0.005	<0.005	<0.005		<0.005
8/10/2016	0.001 (J)					<0.005	
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
12/2/2016	<0.005		<0.005	<0.005			<0.005
12/5/2016		<0.005			<0.005		
12/19/2016						<0.005	
2/9/2017			<0.005				<0.005
2/10/2017	<0.005	<0.005		<0.005	<0.005		
2/13/2017						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017	<0.005						
6/22/2017			<0.005		<0.005	<0.005	<0.005
6/23/2017	<0.005			<0.005			
6/26/2017		<0.005					
10/9/2017	<0.005	<0.005					
10/10/2017			<0.005	<0.005	<0.005	<0.005	<0.005
3/22/2018			<0.005		<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	<0.005	<0.005					<0.005
9/11/2020			<0.005	<0.005	<0.005	<0.005	
4/2/2021	<0.005	<0.005	<0.005				
4/5/2021				<0.005	<0.005	<0.005	
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2022		<0.005					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			<0.005	<0.005	0.00059 (JB)	0.00089 (JB)	
2/28/2023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/6/2024	<0.005						
8/8/2024		<0.005	<0.005	<0.005	<0.005	<0.005	
8/9/2024							<0.005
2/25/2025	<0.005	<0.005					
2/26/2025			<0.005	<0.005	<0.005	<0.005	<0.005
7/28/2025	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
7/30/2025				<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					<0.005
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	<0.005
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		<0.005
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/1/2012				<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	<0.005
5/8/2013	<0.005	<0.005	<0.005	<0.005	<0.005
11/4/2013	<0.005	<0.005	<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/7/2014	<0.005		<0.005	<0.005	<0.005
11/8/2014		<0.005			
5/20/2015					<0.005
5/22/2015	<0.005	<0.005	<0.005	<0.005	
11/13/2015	<0.005	<0.005	<0.005	<0.005	<0.005
4/8/2016					<0.005
4/11/2016	<0.005	<0.005	<0.005	<0.005	
6/15/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	<0.005
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	<0.005	<0.005
12/2/2016		<0.005			
12/5/2016	<0.005		<0.005	<0.005	
12/6/2016					<0.005
2/13/2017	<0.005	<0.005	<0.005	<0.005	<0.005
4/7/2017		<0.005			
4/10/2017	<0.005		<0.005		
4/11/2017				<0.005	<0.005
6/22/2017		<0.005			
6/23/2017	<0.005		<0.005		
6/24/2017				<0.005	<0.005
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	<0.005
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	<0.005
10/4/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	<0.005
4/5/2021			<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	<0.005			<0.005
8/13/2021	<0.005	<0.005	<0.005		<0.005
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	<0.005
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	0.00087 (JB)	<0.005	<0.005
2/28/2023			<0.005		<0.005
3/1/2023	<0.005	<0.005		<0.005	
8/3/2023	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025					<0.005
2/26/2025	<0.005	<0.005	<0.005	<0.005	
7/25/2025			<0.005		
7/28/2025	<0.005	<0.005		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	<0.005	
5/8/2013			<0.005				<0.005
11/4/2013	<0.005	<0.005	<0.005	<0.005			
11/5/2013					<0.005	<0.005	<0.005
5/23/2014					<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	<0.005	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			<0.005	<0.005			
5/21/2015	<0.005	<0.005			<0.005	<0.005	<0.005
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	<0.005	<0.005			
4/6/2016	<0.005						
4/7/2016			<0.005	<0.005		<0.005	<0.005
4/8/2016		<0.005			<0.005		
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
6/17/2016						<0.005	
8/9/2016		<0.005	<0.005	<0.005	<0.005		0.00053 (J)
8/10/2016	<0.005					<0.005	
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
12/2/2016	<0.005		<0.005	<0.005			<0.005
12/5/2016		<0.005			<0.005		
12/19/2016						<0.005	
2/9/2017			<0.005				<0.005
2/10/2017	<0.005	<0.005		<0.005	<0.005		
2/13/2017						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017	<0.005						
6/22/2017			<0.005		<0.005	<0.005	<0.005
6/23/2017	<0.005			<0.005			
6/26/2017		<0.005					
10/9/2017	<0.005	<0.005					
10/10/2017			0.0015	<0.005	<0.005	<0.005	<0.005
3/22/2018			<0.005		<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	<0.005	<0.005					<0.005
9/11/2020			<0.005	<0.005	<0.005	<0.005	
4/2/2021	<0.005	<0.005	<0.005				
4/5/2021				<0.005	<0.005	0.00031 (J)	
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2022		<0.005					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			<0.005	<0.005	<0.005	<0.005	
2/28/2023	<0.005	<0.005	0.00035 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/6/2024	<0.005						
8/8/2024		0.00088 (J)	0.0011	0.0013	0.0011	0.00089 (J)	
8/9/2024							0.0011
2/25/2025	<0.005	<0.005					
2/26/2025			<0.005	<0.005	<0.005	<0.005	<0.005
7/28/2025	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
7/30/2025				<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					<0.005
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	<0.005
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		<0.005
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/1/2012				<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	<0.005
5/8/2013	<0.005	<0.005	<0.005	<0.005	<0.005
11/4/2013	<0.005	<0.005	<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	<0.005	<0.005	<0.005
11/7/2014	<0.005		<0.005	<0.005	<0.005
11/8/2014		<0.005			
5/20/2015					<0.005
5/22/2015	<0.005	<0.005	<0.005	<0.005	
11/13/2015	<0.005	<0.005	<0.005	<0.005	<0.005
4/8/2016					<0.005
4/11/2016	<0.005	<0.005	<0.005	<0.005	
6/15/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	<0.005
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	<0.005	<0.005
12/2/2016		<0.005			
12/5/2016	<0.005		<0.005	<0.005	
12/6/2016					<0.005
2/13/2017	<0.005	<0.005	<0.005	<0.005	0.0011 (J)
4/7/2017		0.00052 (J)			
4/10/2017	<0.005		<0.005		
4/11/2017				0.001 (J)	0.0013
6/22/2017		<0.005			
6/23/2017	<0.005		<0.005		
6/24/2017				<0.005	<0.005
10/10/2017	0.0013	<0.005			
10/11/2017			<0.005	<0.005	<0.005
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	<0.005
10/4/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	<0.005
4/5/2021			<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	<0.005			<0.005
8/13/2021	<0.005	<0.005	<0.005		<0.005
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	<0.005
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2023			<0.005		<0.005
3/1/2023	<0.005	<0.005		0.00031 (J)	
8/3/2023	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2024	0.0011	0.0011	<0.005	0.001	0.0011
2/25/2025					<0.005
2/26/2025	<0.005	<0.005	<0.005	<0.005	
7/25/2025			<0.005		
7/28/2025	<0.005	<0.005		<0.005	<0.005

Time Series

Constituent: Barium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.024 (J)	0.019 (J)	0.029 (J)		
12/21/2010						0.055 (JO)	0.021 (J)
12/22/2010	0.026 (J)	0.028 (J)					
2/1/2011				0.017 (J)	0.038 (J)		
2/14/2011	0.022 (J)	0.025 (J)	0.023 (J)			0.05 (JO)	0.021 (J)
3/21/2011			0.021 (J)	0.019 (J)			0.021 (J)
3/22/2011	0.02 (J)	0.029 (J)					
3/23/2011					0.045 (J)	0.031 (J)	
4/26/2011	0.019 (I)	0.031 (I)	0.019 (I)	0.02 (I)			0.021 (I)
4/27/2011					0.043 (I)	0.015 (I)	
10/25/2011						0.02	
10/26/2011			0.023		0.023		0.019
10/27/2011	0.021	0.027		0.018			
5/1/2012	0.017	0.022	0.014		0.021	0.017	
5/2/2012				0.017			0.018
11/8/2012	0.023	0.024	0.034	0.048 (O)	0.038	0.012	0.018
5/7/2013	0.021	0.027		0.02	0.042	0.022	
5/8/2013			0.016				0.017
11/4/2013	0.018	0.024	0.014	0.019			
11/5/2013					0.039	0.012	0.019
5/23/2014					0.088 (O)	0.02	0.021
5/24/2014	0.022	0.025	0.027	0.019			
11/7/2014			0.03	0.019	0.027	0.012	0.019
11/8/2014	0.02	0.023					
5/20/2015			0.029	0.018			
5/21/2015	0.022	0.023			0.036	0.011	0.02
11/12/2015					0.038	0.012	0.019
11/13/2015	0.025	0.023	0.041	0.02			
4/6/2016	0.0239						
4/7/2016			0.0381	0.0207		0.0116	0.0201
4/8/2016		0.0244			0.0261		
6/14/2016	0.021	0.023	0.034	0.019	0.023		0.017
6/17/2016						0.012	
8/9/2016		0.026	0.032	0.017	0.026		0.017
8/10/2016	0.019					0.012	
10/10/2016			0.037	0.02			
10/11/2016	0.02	0.022			0.03		0.02
10/14/2016						0.016	
12/2/2016	0.022 (B)		0.038 (B)	0.02 (B)			0.02 (B)
12/5/2016		0.025			0.026		
12/19/2016						0.012	
2/9/2017			0.048				0.018
2/10/2017	0.03	0.026		0.018	0.023		
2/13/2017						0.017	
4/7/2017		0.021	0.045	0.02	0.024	0.011	0.018
4/10/2017	0.025						
6/22/2017			0.049		0.025	0.014	0.02
6/23/2017	0.026			0.021			
6/26/2017		0.028					
10/9/2017	0.025	0.021					
10/10/2017			0.044	0.018	0.022	0.012	0.02
3/22/2018			0.05		0.024		0.018

Time Series

Constituent: Barium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.02		0.012	
3/26/2018	0.026	0.022					
10/3/2018	0.022 (O)	0.022	0.042			0.012	0.018
10/4/2018				0.019			
10/5/2018					0.026		
3/27/2019	0.024	0.022	0.057	0.021	0.026	0.013	0.019
9/12/2019	0.025	0.023	0.1 (O)	0.022	0.028	0.016	0.022
12/2/2019			0.11 (O)				
3/19/2020	0.027	0.024	0.11 (O)	0.023		0.02	0.02
3/20/2020					0.029		
9/10/2020	0.023	0.022					0.02
9/11/2020			0.15 (O)	0.022	0.026	0.013	
4/2/2021	0.02	0.023	0.11 (O)				
4/5/2021				0.022	0.028	0.015	
4/6/2021							0.02
8/12/2021	0.023	0.024	0.091	0.023		0.013	0.024
8/13/2021					0.026		
2/14/2022	0.024		0.077	0.024	0.029	0.014	0.022
2/15/2022		0.032					
8/26/2022	0.026	0.021					
8/30/2022							0.021
8/31/2022			0.065	0.022	0.031	0.016	
2/28/2023	0.022	0.02	0.056	0.022	0.027	0.014	
3/1/2023							0.019
8/2/2023	0.018						
8/3/2023		0.018	0.055	0.021	0.027 (B)	0.013 (B)	0.02
2/29/2024	0.021						
3/4/2024		0.022	0.057	0.022	0.032	0.015	0.019
8/6/2024	0.019						
8/8/2024		0.023	0.048	0.024	0.038	0.015	
8/9/2024							0.021
2/25/2025	0.019	0.024					
2/26/2025			0.052	0.023	0.031	0.014	0.019
7/28/2025	0.017	0.02	0.045		0.031	0.013	0.02
7/30/2025				0.022			

Time Series

Constituent: Barium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.11
12/21/2010				0.01 (J)	
12/22/2010	0.016 (J)	0.011 (J)	0.011 (J)		
2/14/2011					0.1
2/15/2011	0.016 (J)	0.013 (J)	0.013 (J)	0.0086 (J)	
3/21/2011				0.009 (J)	0.1
3/22/2011	0.014 (J)	0.01 (J)	0.01 (J)		
4/27/2011	0.016 (I)	0.011 (I)	0.011 (I)		0.091 (I)
4/28/2011				0.012 (I)	
10/26/2011	0.015	0.013	0.0099 (J)	0.0093 (J)	0.1
5/1/2012				0.0048 (I)	0.095
5/2/2012	0.012	0.0084 (I)	0.0085 (I)		
11/8/2012	0.015	0.012	0.01		
11/9/2012				0.0091 (J)	0.093
5/8/2013	0.014	0.013	0.0094 (J)	0.0096 (J)	0.077
11/4/2013	0.016	0.012	0.0094 (J)	0.012	0.083
5/24/2014	0.015	0.012	0.0094 (J)	0.011	0.07
11/7/2014	0.016		0.0094 (J)	0.011	0.065
11/8/2014		0.01			
5/20/2015					0.058
5/22/2015	0.015	0.011	0.0092 (J)	0.011	
11/13/2015	0.016	0.011	0.0095 (J)	0.011	0.058
4/8/2016					0.0619
4/11/2016	0.0167	0.0132	0.0105	0.012	
6/15/2016	0.015	0.011			
6/16/2016			0.0089 (J)	0.011	0.052
8/10/2016	0.015	0.012	0.0082		
8/11/2016				0.012 (B)	0.044 (B)
10/11/2016	0.017	0.012			
10/13/2016			0.0088	0.012	0.049
12/2/2016		0.012 (B)			
12/5/2016	0.017		0.01	0.013	
12/6/2016					0.047
2/13/2017	0.016	0.013	0.0097	0.012	0.05
4/7/2017		0.01			
4/10/2017	0.015		0.0082		
4/11/2017				0.012	0.053
6/22/2017		0.012			
6/23/2017	0.017		0.01		
6/24/2017				0.013	0.054
10/10/2017	0.016	0.011			
10/11/2017			0.0092	0.012	0.05
3/23/2018		0.011			
3/26/2018	0.015		0.0094	0.013	0.05
10/4/2018	0.018	0.012	0.0093	0.013	0.042
3/27/2019			0.011		
3/28/2019	0.017	0.012		0.014	0.045
9/12/2019	0.019	0.013	0.011	0.017	0.043
3/19/2020	0.019	0.013	0.011	0.018	0.047
9/10/2020	0.02	0.013			
9/11/2020			0.01	0.017	0.044
4/5/2021			0.01	0.019	

Time Series

Constituent: Barium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	0.018	0.013			0.041
8/13/2021	0.021	0.029	0.019		0.038
8/17/2021				0.02	
2/14/2022	0.02	0.018		0.021	0.042
2/15/2022			0.011		
8/31/2022	0.025	0.015	0.011	0.022	0.036
2/28/2023			0.01		0.039
3/1/2023	0.02	0.038		0.023	
8/3/2023	0.019 (B)	0.013	0.011	0.021	0.033
3/4/2024	0.025	0.014	0.011	0.025	0.036
8/8/2024	0.02	0.014	0.012	0.029	0.036
2/25/2025					0.032
2/26/2025	0.018	0.014	0.011	0.033	
7/25/2025			0.011		
7/28/2025	0.019	0.013		0.028	0.031

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	0.00019 (J)	<0.001				
4/5/2021				<0.001	<0.001	<0.001	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			0.00022 (J)	<0.001	<0.001	<0.001	<0.001
7/28/2025	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
7/30/2025				<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			2E-05 (J)	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	
7/25/2025			<0.001		
7/28/2025	<0.001	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	<0.08						
4/7/2016			0.0657 (J)	<0.08		<0.08	<0.08
4/8/2016		<0.08			<0.08		
6/14/2016	0.0012 (J)	0.0029 (JB)	0.12	<0.08	0.00079 (J)		<0.08
6/17/2016						0.0049 (JB)	
8/9/2016		<0.08	0.22	<0.08	<0.08		<0.08
8/10/2016	<0.08					<0.08	
10/10/2016			0.52	<0.08			
10/11/2016	<0.08	<0.08			<0.08		<0.08
10/14/2016						<0.08	
12/2/2016	<0.08		0.65	<0.08			<0.08
12/5/2016		<0.08			<0.08		
12/19/2016						<0.08	
2/9/2017			0.57				<0.08
2/10/2017	<0.08	<0.08		<0.08	<0.08		
2/13/2017						<0.08	
4/7/2017		<0.08	0.5	<0.08	<0.08	<0.08	<0.08
4/10/2017	<0.08						
6/22/2017			0.48		<0.08	<0.08	<0.08
6/23/2017	<0.08			<0.08			
6/26/2017		<0.08					
10/9/2017	<0.08	<0.08					
10/10/2017			0.79	<0.08	<0.08	<0.08	<0.08
3/22/2018			0.66		<0.08		<0.08
3/23/2018				<0.08		<0.08	
3/26/2018	<0.08	<0.08					
10/3/2018	<0.08	<0.08	0.89			<0.08	<0.08
10/4/2018				<0.08			
10/5/2018					<0.08		
3/27/2019	<0.08	<0.08	0.74	<0.08	<0.08	<0.08	<0.08
9/12/2019	0.053	<0.08	0.91	<0.08	<0.08	<0.08	<0.08
3/19/2020	<0.08	<0.08	0.86	<0.08		<0.08	<0.08
3/20/2020					<0.08		
9/10/2020	<0.08	<0.08					<0.08
9/11/2020			1	<0.08	<0.08	<0.08	
4/2/2021	<0.08	<0.08	1.1				
4/5/2021				<0.08	<0.08	0.044 (J)	
4/6/2021							<0.08
8/12/2021	<0.08	<0.08	1.1	<0.08		<0.08	<0.08
8/13/2021					<0.08		
2/14/2022	<0.08		0.86	<0.08	<0.08	<0.08	<0.08
2/15/2022		<0.08					
8/26/2022	<0.08	<0.08					
8/30/2022							<0.08
8/31/2022			1.2	<0.08	<0.08	<0.08	
2/28/2023	<0.08	0.19	1.1	0.11	0.034 (J)	0.12	
3/1/2023							<0.08
8/2/2023	<0.08						
8/3/2023		<0.08	1.1	0.027 (J)	<0.08	0.023 (J)	<0.08
2/29/2024	<0.08						
3/4/2024		0.033 (J)	0.98	0.022 (J)	<0.08	<0.08	<0.08
8/6/2024	<0.08						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<0.08	1.2	<0.08	<0.08	<0.08	
8/9/2024							0.022 (J)
2/25/2025	<0.08	<0.08					
2/26/2025			1	<0.08	<0.08	<0.08	<0.08
7/28/2025	<0.08	<0.08	0.94		<0.08	<0.08	<0.08
7/30/2025				<0.08			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					0.824
4/11/2016	<0.08	<0.08	<0.08	<0.08	
6/15/2016	0.0021 (J)	<0.08			
6/16/2016			0.0034 (JB)	0.0013 (JB)	0.8 (J)
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	0.97
10/11/2016	<0.08	<0.08			
10/13/2016			<0.08	<0.08	0.94
12/2/2016		<0.08			
12/5/2016	<0.08		<0.08	<0.08	
12/6/2016					1
2/13/2017	<0.08	<0.08	<0.08	<0.08	0.97
4/7/2017		<0.08			
4/10/2017	<0.08		<0.08		
4/11/2017				<0.08	0.88
6/22/2017		<0.08			
6/23/2017	<0.08		<0.08		
6/24/2017				<0.08	0.87
10/10/2017	<0.08	<0.08			
10/11/2017			<0.08	<0.08	1.1
3/23/2018		<0.08			
3/26/2018	<0.08		<0.08	<0.08	0.91
10/4/2018	<0.08	<0.08	<0.08	<0.08	0.92
3/27/2019			<0.08		
3/28/2019	<0.08	<0.08		<0.08	0.97
9/12/2019	<0.08	<0.08	<0.08	<0.08	0.94
3/19/2020	<0.08	<0.08	<0.08	<0.08	1
9/10/2020	<0.08	<0.08			
9/11/2020			<0.08	<0.08	0.97
4/5/2021			<0.08	<0.08	
4/6/2021	<0.08	<0.08			0.97
8/13/2021	<0.08	<0.08	<0.08		0.94
8/17/2021				<0.08	
2/14/2022	<0.08	<0.08		<0.08	1
2/15/2022			<0.08		
8/31/2022	<0.08	<0.08	<0.08	<0.08	1
2/28/2023			0.08		0.91
3/1/2023	0.075 (J)	0.95 (o)		<0.08	
8/3/2023	0.025 (J)	<0.08	<0.08	<0.08	0.97
3/4/2024	<0.08	<0.08	0.036 (J)	0.023 (J)	0.97
8/8/2024	<0.08	<0.08	<0.08	0.023 (J)	1.2
2/25/2025					1.1
2/26/2025	<0.08	<0.08	0.022 (J)	0.028 (J)	
7/25/2025			<0.08		
7/28/2025	<0.08	<0.08		<0.08	1.1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0007	<0.0007	<0.0007		
12/21/2010						<0.0007	<0.0007
12/22/2010	<0.0007	<0.0007					
2/1/2011				<0.0007	<0.0007		
2/14/2011	<0.0007	<0.0007	<0.0007			<0.0007	<0.0007
3/21/2011			<0.0007	<0.0007			<0.0007
3/22/2011	<0.0007	<0.0007					
3/23/2011					<0.0007	<0.0007	
4/26/2011	<0.0007	<0.0007	<0.0007	<0.0007			<0.0007
4/27/2011					<0.0007	<0.0007	
10/25/2011						<0.0007	
10/26/2011			<0.0007		<0.0007		<0.0007
10/27/2011	<0.0007	<0.0007		<0.0007			
5/1/2012	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	
5/2/2012				<0.0007			<0.0007
11/8/2012	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
5/7/2013	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007	
5/8/2013			<0.0007				<0.0007
11/4/2013	<0.0007	<0.0007	<0.0007	<0.0007			
11/5/2013					<0.0007	<0.0007	<0.0007
5/23/2014					<0.0007	<0.0007	<0.0007
5/24/2014	<0.0007	<0.0007	<0.0007	<0.0007			
11/7/2014			<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
11/8/2014	<0.0007	<0.0007					
5/20/2015			<0.0007	<0.0007			
5/21/2015	<0.0007	<0.0007			<0.0007	<0.0007	<0.0007
11/12/2015					<0.0007	<0.0007	<0.0007
11/13/2015	<0.0007	<0.0007	<0.0007	<0.0007			
4/6/2016	<0.0007						
4/7/2016			<0.0007	<0.0007		<0.0007	<0.0007
4/8/2016		<0.0007			<0.0007		
6/14/2016	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007
6/17/2016						<0.0007	
8/9/2016		<0.0007	<0.0007	<0.0007	<0.0007		<0.0007
8/10/2016	<0.0007					<0.0007	
10/10/2016			<0.0007	<0.0007			
10/11/2016	<0.0007	<0.0007			<0.0007		<0.0007
10/14/2016						<0.0007	
12/2/2016	<0.0007		<0.0007	<0.0007			<0.0007
12/5/2016		<0.0007			<0.0007		
12/19/2016						<0.0007	
2/9/2017			<0.0007				<0.0007
2/10/2017	<0.0007	<0.0007		<0.0007	<0.0007		
2/13/2017						<0.0007	
4/7/2017		<0.0007	<0.0007	<0.0007	0.0016 (J)	<0.0007	<0.0007
4/10/2017	<0.0007						
6/22/2017			<0.0007		<0.0007	<0.0007	<0.0007
6/23/2017	<0.0007			<0.0007			
6/26/2017		<0.0007					
10/9/2017	<0.0007	<0.0007					
10/10/2017			<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
3/22/2018			<0.0007		<0.0007		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0007		<0.0007	
3/26/2018	<0.0007	<0.0007					
10/3/2018	<0.0007	<0.0007	<0.0007			<0.0007	<0.0007
10/4/2018				<0.0007			
10/5/2018					<0.0007		
3/27/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
9/12/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
3/19/2020	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007
3/20/2020					<0.0007		
9/10/2020	<0.0007	<0.0007					<0.0007
9/11/2020			<0.0007	<0.0007	<0.0007	<0.0007	
4/2/2021	<0.0007	<0.0007	<0.0007				
4/5/2021				<0.0007	<0.0007	<0.0007	
4/6/2021							<0.0007
8/12/2021	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007
8/13/2021					<0.0007		
2/14/2022	<0.0007		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/15/2022		<0.0007					
8/26/2022	<0.0007	<0.0007					
8/30/2022							<0.0007
8/31/2022			<0.0007	<0.0007	<0.0007	<0.0007	
2/28/2023	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	
3/1/2023							<0.0007
8/2/2023	<0.0007						
8/3/2023		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/29/2024	<0.0007						
3/4/2024		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
8/6/2024	<0.0007						
8/8/2024		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	
8/9/2024							<0.0007
2/25/2025	<0.0007	<0.0007					
2/26/2025			<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
7/28/2025	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007
7/30/2025				<0.0007			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0007
12/21/2010				<0.0007	
12/22/2010	<0.0007	<0.0007	<0.0007		
2/14/2011					<0.0007
2/15/2011	<0.0007	<0.0007	<0.0007	<0.0007	
3/21/2011				<0.0007	<0.0007
3/22/2011	<0.0007	<0.0007	<0.0007		
4/27/2011	<0.0007	<0.0007	<0.0007		<0.0007
4/28/2011				<0.0007	
10/26/2011	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
5/1/2012				<0.0007	<0.0007
5/2/2012	<0.0007	<0.0007	<0.0007		
11/8/2012	<0.0007	<0.0007	<0.0007		
11/9/2012				<0.0007	<0.0007
5/8/2013	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
11/4/2013	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
5/24/2014	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
11/7/2014	<0.0007		<0.0007	<0.0007	<0.0007
11/8/2014		<0.0007			
5/20/2015					<0.0007
5/22/2015	<0.0007	<0.0007	<0.0007	<0.0007	
11/13/2015	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
4/8/2016					<0.0007
4/11/2016	<0.0007	<0.0007	<0.0007	<0.0007	
6/15/2016	<0.0007	7.4E-05 (J)			
6/16/2016			<0.0007	0.00017 (J)	<0.0007
8/10/2016	<0.0007	<0.0007	<0.0007		
8/11/2016				<0.0007	<0.0007
10/11/2016	<0.0007	<0.0007			
10/13/2016			<0.0007	<0.0007	<0.0007
12/2/2016		<0.0007			
12/5/2016	<0.0007		<0.0007	<0.0007	
12/6/2016					<0.0007
2/13/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
4/7/2017		<0.0007			
4/10/2017	<0.0007		<0.0007		
4/11/2017				<0.0007	<0.0007
6/22/2017		<0.0007			
6/23/2017	<0.0007		<0.0007		
6/24/2017				<0.0007	<0.0007
10/10/2017	<0.0007	<0.0007			
10/11/2017			<0.0007	<0.0007	<0.0007
3/23/2018		<0.0007			
3/26/2018	<0.0007		<0.0007	<0.0007	<0.0007
10/4/2018	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
3/27/2019			<0.0007		
3/28/2019	<0.0007	<0.0007		<0.0007	<0.0007
9/12/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
3/19/2020	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
9/10/2020	<0.0007	<0.0007			
9/11/2020			<0.0007	<0.0007	<0.0007
4/5/2021			<0.0007	<0.0007	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0007	<0.0007			<0.0007
8/13/2021	<0.0007	<0.0007	<0.0007		<0.0007
8/17/2021				<0.0007	
2/14/2022	<0.0007	<0.0007		<0.0007	<0.0007
2/15/2022			<0.0007		
8/31/2022	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/28/2023			<0.0007		<0.0007
3/1/2023	<0.0007	<0.0007		<0.0007	
8/3/2023	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
3/4/2024	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
8/8/2024	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/25/2025					9E-05 (J)
2/26/2025	<0.0007	<0.0007	<0.0007	<0.0007	
7/25/2025			<0.0007		
7/28/2025	<0.0007	<0.0007		<0.0007	<0.0007

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	9.27						
4/7/2016			38.4	6.57		12.6	15.3
4/8/2016		8.6			10.7		
6/14/2016	8.2	6.8	32.9	5.5	11.3		14.2
6/17/2016						12.4	
8/9/2016		6.2	29	4.6	9.6		13
8/10/2016	6.9					11	
10/10/2016			33	5.3			
10/11/2016	7.6	6.2			11		14
10/14/2016						13	
12/2/2016	7.4		33	5.1			13
12/5/2016		5.5			10		
12/19/2016						11	
2/9/2017			42				14
2/10/2017	11	7.8		5.8	11		
2/13/2017						13	
4/7/2017		7.3	35	5.2	10	12	14
4/10/2017	9.7						
6/22/2017			38		11	13	14
6/23/2017	9.2			5.7			
6/26/2017		6.8					
10/9/2017	9.4	5.8					
10/10/2017			40	5.8	11	13	15
3/22/2018			39		11		14
3/23/2018				6.6		13	
3/26/2018	9.3	8.7					
10/3/2018	7.8	6.1	41			12	14
10/4/2018				5.4			
10/5/2018					11		
3/27/2019	9.5	7.1	39	6.1	11	13	15
9/12/2019	8.8	6.1	36	5.7	12	13	14
3/19/2020	11	9.7	45	6.7		14	15
3/20/2020					12		
9/10/2020	8.2	5.9					14
9/11/2020			30	5.5	11	12	
4/2/2021	9.2	9	29				
4/5/2021				7	13	13	
4/6/2021							16
8/12/2021	7.2	6	26	6.1		12	14
8/13/2021					11		
2/14/2022	8		26	5.9	11	11	13
2/15/2022		9.6					
8/26/2022	6.8	7.8					
8/30/2022							14
8/31/2022			23	5.7	12	12	
2/28/2023	8.1	11	23	6.6	13	13	
3/1/2023							15
8/2/2023	6.4						
8/3/2023		9.6	23	6.4	13	12	15
2/29/2024	6.7						
3/4/2024		11	25	6.8	15	13	14
8/6/2024	6						

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		7.8	20	6.9	17	13	
8/9/2024							16
2/25/2025	5.8	11					
2/26/2025			26	6.1	14	12	14
7/28/2025	5.8	7.5	19		14	13	15
7/30/2025				6.5			

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					17.5
4/11/2016	9.7	7.04	6.9	12.8	
6/15/2016	9.5	7.4			
6/16/2016			7.6	14.3	18.4
8/10/2016	8.5	6.7	5.7		
8/11/2016				11	13
10/11/2016	9.3	6.9			
10/13/2016			6.7	13	15
12/2/2016		6.5			
12/5/2016	9		6.4	12	
12/6/2016					15
2/13/2017	9.2	7.9	6.2	13	16
4/7/2017		6.5			
4/10/2017	9.2		6.2		
4/11/2017				13	17
6/22/2017		6.8			
6/23/2017	9.8		6.6		
6/24/2017				13	17
10/10/2017	10	7.3			
10/11/2017			6.9 (B)	15 (B)	19 (B)
3/23/2018		7.5			
3/26/2018	11		7	15	19
10/4/2018	10	6.7	6.4	14	17
3/27/2019			7		
3/28/2019	11	7.2		15	18
9/12/2019	12	7.5	7.1	17	18
3/19/2020	16	7.9	7.1	19	19
9/10/2020	15	7.5			
9/11/2020			7	18	19
4/5/2021			8	21	
4/6/2021	17	7.7			19
8/13/2021	15	7.2	7		17
8/17/2021				22	
2/14/2022	16	6.5		18	16
2/15/2022			6.4		
8/31/2022	17	7.1	7.2	21	17
2/28/2023			7.6		18
3/1/2023	19	20 (o)		25	
8/3/2023	18	8	8.2	24	18
3/4/2024	18	7.9	8.1	28	19
8/8/2024	19	7.6	9	30	22
2/25/2025					20
2/26/2025	18	7.5	8.1	27	
7/25/2025			8.2		
7/28/2025	19	8.2		31	21

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	3.034						
4/7/2016			8.05	2.914		1.842	2.285
4/8/2016		2.1			1.57		
6/14/2016	3.1	4.2	9.3 (D)	3.1	1.7		2.3
6/17/2016						1.9 (BD)	
8/9/2016		5	10	3.2	1.5		2.3
8/10/2016	2.7					1.8	
10/10/2016			10	3			
10/11/2016	2.7	3.8			1.6		2.1
10/14/2016						1.7	
12/2/2016	2.5		10	3			2
12/5/2016		3.6			1.5		
12/19/2016						2.7 (O)	
2/9/2017			9.4				2.1
2/10/2017	3.4	2.2		2.7	1.5		
2/13/2017						1.8	
4/7/2017		2.2	9.9	2.9	1.4	1.7	2
4/10/2017	3.6						
6/22/2017			9.7		1.4	1.7	2
6/23/2017	3.2			3.3			
6/26/2017		3.4					
10/9/2017	3.5	3.4					
10/10/2017			9.8	3.5	1.4	1.6	2
3/22/2018			9.7		1.3		1.9
3/23/2018				3.6		1.6	
3/26/2018	3.8	1.9					
10/3/2018	4	2.9	10			1.6	2
10/4/2018				3.9			
10/5/2018					1.4		
3/27/2019	2.9	2	9.6	3.7	1.2	1.5	1.9
9/12/2019	3.4	2.5	10	4.3	1.4	1.7	1.9
3/19/2020	3.9	2.2	9.9	4.5		1.9	2.2
3/20/2020					1.7 (F1)		
9/10/2020	3.7	2.5					2.1
9/11/2020			12	4.7	1.6	1.8	
4/2/2021	3.7	1.8	13				
4/5/2021				5.3	1.8	2	
4/6/2021							2.1
8/12/2021	4.1	2.7	13	5.5		1.8	2.2
8/13/2021					1.8		
2/14/2022	4		10	5	1.5	1.8	2
2/15/2022		1.8					
8/26/2022	3.6	2					
8/30/2022							2.2
8/31/2022			13	5.1	1.5	1.6	
2/28/2023	3.6	1.8	13	5.2	1.7	1.8	
3/1/2023							2.1
8/2/2023	3.4						
8/3/2023		1.8	13	5.2	1.6	1.7	1.9
2/29/2024	3.7						
3/4/2024		1.8	14	5.4	1.8	1.8	2
8/6/2024	3.2						

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		1.9	27 (o)	5.5	1.7	1.8	
8/9/2024							2
11/7/2024			13				
2/25/2025	3	1.8					
2/26/2025			12	5.8	1.8	2	2.1
7/28/2025	2.8	1.7	13		2	1.6	2
7/30/2025				5.3			

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					10.065
4/11/2016	1.57 (O)	2.09	2.09 (O)	<0.25 (O)	
6/15/2016	3.9	2.1			
6/16/2016			6.3	7.4	9.4
8/10/2016	4	2	6.9		
8/11/2016				8.3	10
10/11/2016	3.7	1.9			
10/13/2016			6.5	7.8	9.9
12/2/2016		1.9			
12/5/2016	3.6		6.6	8.1	
12/6/2016					10
2/13/2017	3.4	1.9	6.7	8	10
4/7/2017		2			
4/10/2017	3.5		6.7		
4/11/2017				7.6	10
6/22/2017		1.9			
6/23/2017	3.4		6.6		
6/24/2017				8.3	10
10/10/2017	3.3	1.9			
10/11/2017			6.5	7.9	10
3/23/2018		1.9			
3/26/2018	3.1		6.6	7.8	11
10/4/2018	3.1	1.9	6.9	8.1	12
3/27/2019			7		
3/28/2019	2.8	1.8		7.5	12
9/12/2019	3	1.8	6.8	7.7	11
3/19/2020	3.4	2.1	7.3	8.2	13
9/10/2020	3.3	2.1			
9/11/2020			7.7	7.9	12
4/5/2021			7.8	8.2	
4/6/2021	3.3	1.9			13
8/13/2021	3.7	2.1	8		13
8/17/2021				8.3	
2/14/2022	3.8	1.9		7.6	12
2/15/2022			7.6		
8/31/2022	3.5	1.6	7.7	7.6	13
2/28/2023			7.9		13
3/1/2023	3.9	14 (o)		8	
5/2/2023		1.7			
8/3/2023	3.3	1.6	7.8	7.6	14
10/4/2023					15
3/4/2024	3.4	1.9	8.4	8.1	15
5/20/2024					13
8/8/2024	3.2	1.8	8	4.3 (J)	29 (o)
11/7/2024					14
2/25/2025					14
2/26/2025	3.3	1.9	8.7	8.6	
7/25/2025			9.1		
7/28/2025	3	1.8		8.3	16
10/21/2025					16 (R)

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	0.0036 (J)	0.0064		
12/21/2010						0.0094	0.0073
12/22/2010	0.0052	0.0029 (J)					
2/1/2011				0.0037 (J)	0.015		
2/14/2011	0.0057	0.0027 (J)	<0.005			0.028	0.0051
3/21/2011			<0.005	0.004 (J)			0.0067
3/22/2011	0.0055	0.0049 (J)					
3/23/2011					0.0084	0.0042 (J)	
4/26/2011	0.0069	0.0048 (I)	<0.005	0.0037 (I)			0.0065
4/27/2011					0.011	<0.005	
10/25/2011						0.0062	
10/26/2011			<0.005		0.0061		0.0068
10/27/2011	0.011	0.0023 (J)		0.0047 (J)			
5/1/2012	0.0056	0.0051	<0.005		0.0072	0.011	
5/2/2012				0.005			0.011
11/8/2012	<0.005	0.0034 (J)	<0.005	0.0081	0.015	0.0089	0.0052
5/7/2013	0.0036 (J)	0.0078		0.0035 (J)	0.044	0.019	
5/8/2013			<0.005				0.0059
11/4/2013	0.0032 (JV)	0.0055 (JV)	<0.005	0.0056 (JV)			
11/5/2013					0.023	0.0057 (JV)	0.0044 (JV)
5/23/2014					0.022	0.0084 (J)	0.0087 (J)
5/24/2014	0.0043 (J)	0.0075 (J)	<0.005	0.005 (J)			
11/7/2014			<0.005	0.004 (J)	0.013	0.011	0.0048 (J)
11/8/2014	<0.005	0.0048 (J)					
5/20/2015			0.0025 (J)	0.0062 (J)			
5/21/2015	0.002 (J)	0.0082 (J)			0.029	0.013	0.006 (J)
11/12/2015					0.045	0.015	0.007 (J)
11/13/2015	<0.005	0.0079 (J)	0.0042 (J)	0.0067 (J)			
4/6/2016	0.00278 (J)						
4/7/2016			<0.005	0.00467 (J)		0.00498 (J)	0.0056 (J)
4/8/2016		0.00878 (J)			0.00752 (J)		
6/14/2016	0.0014 (J)	0.0071 (J)	0.00055 (J)	0.0041 (J)	0.007 (J)		0.0048 (J)
6/17/2016						0.004 (J)	
8/9/2016		0.0079	<0.005	0.0041	0.008		0.0053
8/10/2016	0.0019 (J)					0.0047	
10/10/2016			<0.005	0.0041			
10/11/2016	0.0024 (J)	0.0069			0.0079		0.0058
10/14/2016						0.0056	
12/2/2016	0.0023 (J)		<0.005	0.0039			0.0071
12/5/2016		0.0077			0.0057		
12/19/2016						0.0039	
2/9/2017			<0.005				0.0051
2/10/2017	0.0021 (J)	0.0098		0.0044	0.0062		
2/13/2017						0.0059	
4/7/2017		0.0081	<0.005	0.0046	0.0072	0.0051	0.006
4/10/2017	0.002 (J)						
6/22/2017			<0.005		0.0074	0.005	0.0056
6/23/2017	0.0018 (J)			0.005			
6/26/2017		0.0084					
10/9/2017	0.0016 (J)	0.0082					
10/10/2017			<0.005	0.0088	0.0072	0.005	0.0073
3/22/2018			<0.005		0.0074		0.0051

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.0045		0.005	
3/26/2018	0.0011 (J)	0.0088					
10/3/2018	0.0014 (J)	0.0086	<0.005			0.0051	0.0052
10/4/2018				0.0047			
10/5/2018					0.0083		
3/27/2019	0.003	0.0078	<0.005	0.0048	0.0081	0.0051	0.0056
9/12/2019	0.0047 (B)	0.0092 (B)	<0.005	0.0051 (B)	0.0088 (B)	0.0085 (B)	0.0075 (B)
3/19/2020	0.0026	0.011	<0.005	0.0043		0.0063	0.0055
3/20/2020					0.0085		
9/10/2020	0.0019 (J)	0.0077					0.0063
9/11/2020			<0.005	0.0042	0.0081	0.0053	
4/2/2021	0.0029	0.01	<0.005				
4/5/2021				0.0041	0.0084	0.0061	
4/6/2021							0.0055
8/12/2021	0.0016 (J)	0.008	<0.005	0.0045		0.0058	0.0096
8/13/2021					0.0082		
2/14/2022	0.0026		<0.005	0.0047	0.0086	0.0058	0.0076
2/15/2022		0.013					
8/26/2022	0.0016 (J)	0.0078					
8/30/2022							0.0064
8/31/2022			<0.005	0.0048	0.0084	0.0059	
2/28/2023	0.0024	0.01	<0.005	0.0047	0.0084	0.0058	
3/1/2023							0.0057
8/2/2023	0.0028						
8/3/2023		0.0089	0.0012 (J)	0.0053	0.0092	0.0056	0.0065
2/29/2024	0.0021						
3/4/2024		0.011	0.0016 (J)	0.0048	0.01	0.0063	0.006
8/6/2024	0.0021						
8/8/2024		0.013	<0.005	0.006	0.012	0.0061	
8/9/2024							0.0059
2/25/2025	<0.005	0.01					
2/26/2025			0.0012 (J)	0.0048	0.01	0.0061	0.0057
7/28/2025	<0.005	0.016	<0.005		0.009	0.0057	0.0062
7/30/2025				0.0044 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				0.01	
12/22/2010	0.0026 (J)	0.0034 (J)	0.0036 (J)		
2/14/2011					<0.005
2/15/2011	<0.005	0.0034 (J)	0.0038 (J)	0.0087	
3/21/2011				0.0083	<0.005
3/22/2011	<0.005	0.0037 (J)	0.0022 (J)		
4/27/2011	0.002 (I)	0.0038 (I)	0.0042 (I)		<0.005
4/28/2011				0.0076	
10/26/2011	0.002 (J)	0.0039 (J)	0.0042 (J)	0.0078	0.0033 (J)
5/1/2012				0.0049 (I)	0.0025 (I)
5/2/2012	<0.005	0.0044 (I)	0.0037 (I)		
11/8/2012	<0.005	0.0026 (J)	<0.01		
11/9/2012				0.0066	<0.005
5/8/2013	<0.005	0.0038 (J)	0.0032 (J)	0.0082	<0.005
11/4/2013	0.0027 (JV)	0.0063 (JV)	0.0063 (JV)	0.013 (V)	0.0035 (JV)
5/24/2014	0.0027 (J)	0.0061 (J)	0.003 (J)	0.012	0.0027 (J)
11/7/2014	<0.005		<0.01	0.0084 (J)	<0.005
11/8/2014		<0.002			
5/20/2015					0.0021 (J)
5/22/2015	0.0034 (J)	0.0037 (J)	0.0023 (J)	0.0096 (J)	
11/13/2015	0.0038 (J)	0.0055 (J)	0.0042 (J)	0.011	0.0041 (J)
4/8/2016					0.0053 (J)
4/11/2016	<0.005	0.00479 (J)	0.00309 (J)	0.0101	
6/15/2016	0.0015 (J)	0.0041 (J)			
6/16/2016			0.0025 (J)	0.01	0.0014 (J)
8/10/2016	0.0014 (J)	0.0047	0.0023 (J)		
8/11/2016				0.0097	0.0013 (J)
10/11/2016	0.0017 (J)	0.0048			
10/13/2016			0.0028	0.012	0.0018 (J)
12/2/2016		0.0043			
12/5/2016	0.0014 (J)		0.0032	0.012	
12/6/2016					0.0014 (J)
2/13/2017	0.0016 (J)	0.0047	0.0021 (J)	0.011	0.0021 (J)
4/7/2017		0.0044			
4/10/2017	0.0014 (J)		0.0022 (J)		
4/11/2017				0.011	0.0012 (J)
6/22/2017		0.0045			
6/23/2017	0.0014 (J)		0.0025		
6/24/2017				0.0095	0.0017 (J)
10/10/2017	0.0039	0.005			
10/11/2017			0.0027	0.0096	0.0013 (J)
3/23/2018		0.0042			
3/26/2018	0.0013 (J)		0.0028	0.012	0.0014 (J)
10/4/2018	0.0014 (J)	0.005	0.0041	0.016	<0.005
3/27/2019			0.0044		
3/28/2019	0.0012 (J)	0.0043		0.019	<0.005
9/12/2019	0.0021 (JB)	0.006 (B)	0.0043 (B)	0.027 (B)	0.002 (JB)
3/19/2020	<0.005	0.0047	0.0032	0.029	<0.005
9/10/2020	<0.005	0.0047			
9/11/2020			0.0041	0.028	0.0023
4/5/2021			0.0054	0.031	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	0.0044			<0.005
8/13/2021	<0.005	0.0089	0.0087		0.0019 (J)
8/17/2021				0.034	
2/14/2022	<0.005	0.0046		0.036	0.0018 (J)
2/15/2022			0.0054		
8/31/2022	<0.005	0.004	0.0047	0.038	0.002
2/28/2023			0.0047		0.003
3/1/2023	<0.005	<0.002		0.038	
8/3/2023	<0.005	0.0042	0.0063	0.035	<0.005
3/4/2024	0.0012 (J)	0.0042	0.0064	0.033	0.0013 (J)
8/8/2024	0.0012 (J)	0.0037	0.0064	0.033	<0.005
2/25/2025					<0.005
2/26/2025	<0.005	0.0032	0.0078	0.026	
7/25/2025			0.0073		
7/28/2025	<0.005	0.0037 (J)		0.027	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.012 (o)	<0.005	0.0033 (JO)		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	0.0038 (JO)					
2/1/2011				<0.005	0.003 (J)		
2/14/2011	<0.005	<0.005	0.0093 (Jo)			<0.005	<0.005
3/21/2011			0.0076 (Jo)	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	0.0058 (Io)	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			0.005 (Jo)		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	0.0032 (I)		<0.005	0.0039 (O)	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	0.0034 (J)	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	<0.005	
5/8/2013			<0.005				<0.005
11/4/2013	<0.005	<0.005	<0.005	<0.005			
11/5/2013					<0.005	<0.005	<0.005
5/23/2014					0.0048 (JO)	<0.005	<0.005
5/24/2014	<0.005	<0.005	<0.005	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			<0.005	<0.005			
5/21/2015	<0.005	<0.005			<0.005	<0.005	<0.005
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	<0.005	<0.005			
4/6/2016	<0.005						
4/7/2016			<0.005	<0.005		<0.005	<0.005
4/8/2016		<0.005			<0.005		
6/14/2016	6.6E-05 (J)	0.00042 (J)	0.0031 (J)	3.8E-05 (J)	4.2E-05 (J)		<0.005
6/17/2016						0.00017 (J)	
8/9/2016		0.00068 (J)	0.0023 (J)	<0.005	<0.005		<0.005
8/10/2016	<0.005					<0.005	
10/10/2016			0.0024 (J)	<0.005			
10/11/2016	0.00047 (J)	<0.005			0.00052 (J)		<0.005
10/14/2016						<0.005	
12/2/2016	0.0014 (J)		0.0021 (J)	<0.005			0.0004 (J)
12/5/2016		0.0012 (J)			<0.005		
12/19/2016						<0.005	
2/9/2017			0.00096 (J)				<0.005
2/10/2017	0.00052 (J)	0.0013 (J)		<0.005	<0.005		
2/13/2017						<0.005	
4/7/2017		<0.005	0.0034	<0.005	<0.005	<0.005	<0.005
4/10/2017	<0.005						
6/22/2017			0.0029		<0.005	<0.005	<0.005
6/23/2017	<0.005			<0.005			
6/26/2017		0.00073 (J)					
10/9/2017	0.00053 (J)	<0.005					
10/10/2017			0.0025	<0.005	<0.005	<0.005	<0.005
3/22/2018			0.0015 (J)		<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.005		<0.005	
3/26/2018	0.00088 (J)	<0.005					
10/3/2018	0.0014 (J)	<0.005	0.0018 (J)			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	0.00083 (J)	<0.005	<0.005	<0.005	<0.005
9/12/2019	0.0004 (J)	<0.005	0.0018 (J)	9.5E-05 (J)	0.00011 (J)	<0.005	0.00017 (J)
3/19/2020	0.00015 (J)	<0.005	0.0005 (J)	0.00025 (J)		0.00029 (J)	<0.005
3/20/2020					<0.005		
9/10/2020	0.00019 (J)	0.00014 (J)					0.0002 (J)
9/11/2020			0.0035	<0.005	<0.005	<0.005	
4/2/2021	0.00016 (J)	0.00026 (J)	0.002 (J)				
4/5/2021				<0.005	0.00017 (J)	0.00019 (J)	
4/6/2021							<0.005
8/12/2021	0.00028 (J)	0.00015 (J)	0.0024 (J)	<0.005		<0.005	0.00072 (J)
8/13/2021					<0.005		
2/14/2022	<0.005		0.00059 (J)	<0.005	<0.005	<0.005	0.00039 (J)
2/15/2022		0.00054 (J)					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			0.0012 (JB)	<0.005	<0.005	<0.005	
2/28/2023	<0.005	<0.005	0.00097 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	0.0011 (J)	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		<0.005	0.0004 (J)	<0.005	<0.005	<0.005	<0.005
8/6/2024	0.00056 (J)						
8/8/2024		<0.005	0.0012 (J)	<0.005	<0.005	<0.005	
8/9/2024							<0.005
2/25/2025	0.00023 (J)	<0.005					
2/26/2025			0.00072 (J)	<0.005	<0.005	<0.005	<0.005
7/28/2025	<0.005	<0.005	0.00084 (J)		<0.005	<0.005	<0.005
7/30/2025				<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0051 (J)
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					0.0038 (J)
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	0.0037 (J)
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		<0.005
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	0.0046 (J)
5/1/2012				<0.005	0.0043 (I)
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	0.007 (J)
5/8/2013	<0.005	<0.005	<0.005	<0.005	0.0047 (J)
11/4/2013	<0.005	<0.005	<0.005	<0.005	0.0096 (J)
5/24/2014	<0.005	<0.005	<0.005	<0.005	0.0097 (J)
11/7/2014	<0.005		<0.005	<0.005	0.012
11/8/2014		<0.005			
5/20/2015					0.011
5/22/2015	<0.005	<0.005	<0.005	<0.005	
11/13/2015	<0.005	<0.005	<0.005	<0.005	0.013
4/8/2016					0.00315 (J)
4/11/2016	<0.005	<0.005	<0.005	<0.005	
6/15/2016	<0.005	<0.005			
6/16/2016			3.8E-05 (J)	7E-05 (J)	0.0062 (J)
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	0.0092
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	<0.005	0.0045
12/2/2016		<0.005			
12/5/2016	<0.005		<0.005	<0.005	
12/6/2016					0.0043
2/13/2017	<0.005	<0.005	<0.005	<0.005	0.011
4/7/2017		<0.005			
4/10/2017	<0.005		<0.005		
4/11/2017				<0.005	0.012
6/22/2017		<0.005			
6/23/2017	<0.005		<0.005		
6/24/2017				<0.005	0.011
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	0.016
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	0.0069
10/4/2018	<0.005	<0.005	<0.005	<0.005	0.016
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	0.011
9/12/2019	<0.005	<0.005	0.00012 (J)	<0.005	0.011
3/19/2020	<0.005	<0.005	<0.005	<0.005	0.0083
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	0.002 (J)
4/5/2021			0.0002 (J)	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	<0.005			0.0062
8/13/2021	0.00015 (J)	0.00074 (J)	0.00059 (J)		0.015
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	0.011
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	0.014 (B)
2/28/2023			<0.005		0.0038
3/1/2023	<0.005	0.01		<0.005	
8/3/2023	<0.005	<0.005	<0.005	<0.005	0.013
3/4/2024	<0.005	<0.005	<0.005	<0.005	0.0067
8/8/2024	<0.005	<0.005	<0.005	<0.005	0.01
2/25/2025					0.012
2/26/2025	<0.005	<0.005	<0.005	<0.005	
7/25/2025			<0.005		
7/28/2025	<0.005	<0.005		<0.005	0.015

Time Series

Constituent: Copper (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.0021 (J)	<0.002	0.0065 (J)		
12/21/2010						0.0084 (J)	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	0.018		
2/14/2011	<0.002	<0.002	<0.002			0.013 (O)	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					0.022	0.0061 (J)	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					0.02	<0.002	
10/25/2011						0.002 (J)	
10/26/2011			<0.002		0.0025 (J)		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		0.0022 (I)	0.0027 (I)	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	0.0034 (J)	0.021 (O)	0.015	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	0.02	0.0039 (J)	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					0.014	<0.002	<0.002
5/23/2014					0.06 (O)	0.0029 (J)	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			0.002 (J)	<0.002	0.0032 (J)	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			0.0024 (J)	<0.002			
5/21/2015	0.0028 (JO)	0.003 (J)			0.017 (JV)	0.0031 (J)	<0.002
11/12/2015					0.01 (J)	<0.002	<0.002
11/13/2015	<0.002	0.078 (O)	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002			<0.002		
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			0.0051		<0.002
10/14/2016						0.0024 (J)	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002		<0.002		<0.002
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	0.00083 (J)	<0.002
3/19/2020	<0.002	<0.002	0.00072 (J)	<0.002		0.0022	<0.002
3/20/2020					0.0011 (J)		
9/10/2020	0.0023	<0.002					<0.002
9/11/2020			0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	0.0019 (J)	0.00093 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.002
8/12/2021	0.00066 (J)	<0.002	<0.002	<0.002		<0.002	0.0031
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	0.0014 (J)
2/15/2022		0.0015 (J)					
8/26/2022	<0.002	<0.002					
8/30/2022							<0.002
8/31/2022			<0.002	<0.002	<0.002	<0.002	
2/28/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
3/1/2023							0.0011 (J)
8/2/2023	<0.002						
8/3/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002						
3/4/2024		0.0025	0.0068	<0.002	<0.002	<0.002	<0.002
8/6/2024	<0.002						
8/8/2024		<0.002	<0.002	<0.002	<0.002	<0.002	
8/9/2024							<0.002
2/25/2025	<0.002	<0.002					
2/26/2025			<0.002	<0.002	<0.002	<0.002	<0.002
7/28/2025	0.0011	0.0019	0.00075		<0.002	0.00069 (J)	0.0012 (J)
7/30/2025				<0.002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	0.0031 (JO)	0.0031 (JO)	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002
4/11/2016	<0.002	<0.002	<0.002	<0.002	
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			0.0013 (J)	<0.002	<0.002
4/5/2021			<0.002	<0.002	
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	0.0046	0.0025		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	0.0013 (J)		<0.002	<0.002
2/15/2022			<0.002		
8/31/2022	<0.002	<0.002	<0.002	<0.002	<0.002
2/28/2023			<0.002		<0.002
3/1/2023	<0.002	<0.002		<0.002	
8/3/2023	<0.002	<0.002	0.0012 (J)	<0.002	<0.002
3/4/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2024	<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					<0.002
2/26/2025	<0.002	<0.002	<0.002	<0.002	
7/25/2025			<0.002		
7/28/2025	0.0019	0.001		0.00088	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.035 (J)						
4/7/2016			0.035 (J)	0.024 (J)		0.044 (J)	0.041 (J)
4/8/2016		0.042 (J)			0.047 (J)		
6/14/2016	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2
6/17/2016						<0.2 (D)	
8/9/2016		<0.2	<0.2	<0.2	<0.2		<0.2
8/10/2016	<0.2					<0.2	
10/10/2016			<0.2	<0.2			
10/11/2016	<0.2	<0.2			<0.2		<0.2
10/14/2016						<0.2	
12/2/2016	<0.2		<0.2	<0.2			<0.2
12/5/2016		<0.2			<0.2		
12/19/2016						0.1 (J)	
2/9/2017			<0.2				<0.2
2/10/2017	<0.2	<0.2		<0.2	<0.2		
2/13/2017						<0.2	
4/7/2017		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
4/10/2017	<0.2						
6/22/2017			<0.2		<0.2	<0.2	<0.2
6/23/2017	<0.2			<0.2			
6/26/2017		<0.2					
10/9/2017	<0.2	<0.2					
10/10/2017			<0.2	<0.2	<0.2	<0.2	<0.2
3/22/2018			<0.2		<0.2		<0.2
3/23/2018				<0.2		<0.2	
3/26/2018	<0.2	<0.2					
10/3/2018	<0.2	<0.2	<0.2			<0.2	<0.2
10/4/2018				<0.2			
10/5/2018					<0.2		
3/27/2019	0.035 (J)	0.036 (J)	<0.2	0.033 (J)	0.041 (J)	0.04 (J)	0.037 (J)
9/12/2019	0.04 (J)	0.043 (J)	0.026 (J)	<0.2	0.041 (J)	0.044 (J)	0.042 (J)
3/19/2020	0.059 (J)	0.054 (J)	0.041 (J)	<0.2		0.049 (J)	0.044 (J)
3/20/2020					<0.2		
9/10/2020	0.044 (J)	0.034 (J)					0.036 (J)
9/11/2020			<0.2	<0.2	0.034 (J)	0.035 (J)	
4/2/2021	0.028 (J)	0.032 (J)	<0.2				
4/5/2021				0.039 (J)	0.038 (J)	0.031 (J)	
4/6/2021							0.03 (J)
8/12/2021	0.04 (J)	0.028 (J)	<0.2	0.11		0.052 (J)	0.058 (J)
8/13/2021					0.09 (J)		
2/14/2022	0.058 (J)		0.052 (J)	0.05 (J)	0.068 (J)	0.056 (J)	0.07 (J)
2/15/2022		0.088 (J)					
8/26/2022	0.092 (J)	0.028 (J)					
8/30/2022							0.044 (J)
8/31/2022			0.033 (J)	0.033 (J)	0.056 (J)	0.053 (J)	
2/28/2023	0.076 (J)	0.071 (J)	0.069 (J)	0.05 (J)	0.059 (J)	0.079 (J)	
3/1/2023							0.036 (J)
8/2/2023	0.044 (J)						
8/3/2023		0.042 (J)	<0.2	<0.2	0.047 (J)	0.045 (J)	0.044 (J)
2/29/2024	<0.2						
3/4/2024		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
8/6/2024	<0.2						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<0.2	<0.2	<0.2	<0.2	<0.2	
8/9/2024							<0.2
2/25/2025	<0.2	<0.2					
2/26/2025			<0.2	<0.2	<0.2	<0.2	<0.2
7/28/2025	0.084 (J)	<0.2	<0.2		0.12 (J)	0.12 (J)	0.099 (J)
7/30/2025				0.16 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					<0.2
4/11/2016	0.033 (J)	0.027 (J)	0.027 (J)	<0.2	
6/15/2016	<0.2	<0.2			
6/16/2016			<0.2	<0.2	<0.2
8/10/2016	<0.2	<0.2	<0.2		
8/11/2016				<0.2	<0.2
10/11/2016	<0.2	<0.2			
10/13/2016			<0.2	<0.2	<0.2
12/2/2016		<0.2			
12/5/2016	<0.2		<0.2	<0.2	
12/6/2016					<0.2
2/13/2017	<0.2	<0.2	<0.2	<0.2	<0.2
4/7/2017		<0.2			
4/10/2017	<0.2		<0.2		
4/11/2017				<0.2	<0.2
6/22/2017		<0.2			
6/23/2017	<0.2		<0.2		
6/24/2017				<0.2	<0.2
10/10/2017	<0.2	<0.2			
10/11/2017			<0.2	<0.2	<0.2
3/23/2018		<0.2			
3/26/2018	<0.2		<0.2	<0.2	<0.2
10/4/2018	<0.2	<0.2	<0.2	<0.2	<0.2
3/27/2019			<0.2		
3/28/2019	0.033 (J)	0.042 (J)		0.039 (J)	<0.2
9/12/2019	0.042 (J)	0.028 (J)	0.028 (J)	0.042 (J)	<0.2
3/19/2020	0.042 (J)	0.039 (J)	0.037 (J)	0.053 (J)	<0.2
9/10/2020	0.04 (J)	<0.2			
9/11/2020			0.049 (J)	0.041 (J)	<0.2
4/5/2021			<0.2	0.05 (J)	
4/6/2021	0.031 (J)	<0.2			<0.2
8/13/2021	0.065 (JF1)	0.048 (J)	0.043 (J)		0.034 (J)
8/17/2021				0.094 (JF1)	
2/14/2022	0.074 (J)	0.057 (J)		0.055 (J)	0.041 (J)
2/15/2022			0.06 (J)		
8/31/2022	0.082 (J)	0.065 (J)	0.066 (J)	0.053 (J)	0.055 (J)
2/28/2023			0.074 (J)		0.031 (J)
3/1/2023	0.042 (J)	0.029 (J)		0.066 (J)	
8/3/2023	0.06 (J)	<0.2	<0.2	0.046 (J)	<0.2
3/4/2024	<0.2	<0.2	<0.2	<0.2	<0.2
8/8/2024	<0.2	<0.2	<0.2	<0.2	<0.2
2/25/2025					<0.2
2/26/2025	<0.2	<0.2	<0.2	<0.2	
7/25/2025			0.11 (J)		
7/28/2025	0.12 (J)	0.081 (J)		0.11 (J)	0.11 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	0.0027 (J)		
2/14/2011	0.0028 (J)	<0.001	0.0024 (J)			0.0029 (J)	0.0032 (J)
3/21/2011			<0.001	<0.001			0.0038 (J)
3/22/2011	0.0021 (J)	0.002 (J)					
3/23/2011					0.0041 (J)	0.0028 (J)	
4/26/2011	0.003 (I)	0.0025 (I)	0.0027 (I)	0.0024 (I)			0.0046 (I)
4/27/2011					0.0054	0.0038 (I)	
10/25/2011						0.0043 (J)	
10/26/2011			0.0026 (J)		<0.001		0.0024 (J)
10/27/2011	0.0028 (J)	0.0033 (J)		0.0025 (J)			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	0.0023 (J)	0.003 (J)	0.0022 (J)	<0.001	0.0021 (J)
5/7/2013	0.0044 (J)	0.0048 (J)		0.0029 (J)	0.0062	0.0064	
5/8/2013			0.0026 (J)				0.006
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	0.0023 (J)
5/23/2014					0.0026 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0022 (J)	0.0026 (J)	<0.001
11/8/2014	<0.001	0.0021 (J)					
5/20/2015			0.005 (J)	0.0037 (J)			
5/21/2015	0.0032 (J)	0.002 (J)			0.0049 (J)	0.0038 (J)	0.0062 (J)
11/12/2015					<0.001	0.0021 (J)	0.0035 (J)
11/13/2015	<0.001	<0.001	0.0031 (J)	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		0.00096 (J)		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00019 (J)	<0.001		0.0002 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.0022	<0.001					<0.001
9/11/2020			0.0016	<0.001	<0.001	<0.001	
4/2/2021	<0.001	0.00018 (J)	<0.001				
4/5/2021				<0.001	<0.001	<0.001	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		0.00025 (J)					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	0.00023 (J)						
3/4/2024		0.002	<0.001	<0.001	<0.001	<0.001	0.00043 (J)
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001
7/28/2025	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
7/30/2025				<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	0.0021 (J)	0.0028 (J)	0.0032 (J)	0.0034 (J)	
3/21/2011				0.004 (J)	<0.001
3/22/2011	0.0027 (J)	0.0022 (J)	0.0024 (J)		
4/27/2011	0.0024 (I)	0.0033 (I)	0.0033 (I)		<0.001
4/28/2011				0.0036 (I)	
10/26/2011	0.0021 (J)	0.0028 (J)	0.0023 (J)	0.0038 (J)	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	0.0035 (J)	0.0043 (J)	0.0035 (J)	0.0059	<0.001
11/4/2013	<0.001	<0.001	<0.001	0.0027 (J)	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					0.0026 (JO)
5/22/2015	0.0038 (J)	0.0042 (J)	0.0035 (J)	0.006 (J)	
11/13/2015	<0.001	<0.001	<0.001	0.0024 (J)	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			0.00041 (J)	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	0.0034 (O)	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			0.0015	<0.001	<0.001
4/5/2021			<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	0.00054 (J)	0.00022 (J)		0.00017 (J)
8/17/2021				<0.001	
2/14/2022	<0.001	0.00019 (J)		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	
7/25/2025			<0.001		
7/28/2025	<0.001	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0002	<0.0002	<0.0002		
12/21/2010						<0.0002	<0.0002
12/22/2010	<0.0002	<0.0002					
2/1/2011				<0.0002	<0.0002		
2/14/2011	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
3/21/2011			<0.0002	<0.0002			<0.0002
3/22/2011	<0.0002	<0.0002					
3/23/2011					<0.0002	<0.0002	
4/26/2011	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
4/27/2011					<0.0002	<0.0002	
10/25/2011						<0.0002	
10/26/2011			<0.0002		<0.0002		<0.0002
10/27/2011	<0.0002	<0.0002		<0.0002			
5/1/2012	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	
5/2/2012				<0.0002			<0.0002
11/8/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/7/2013	<0.0002	<0.0002		0.00011 (J)	8.1E-05 (J)	8.4E-05 (J)	
5/8/2013			<0.0002				<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002			
11/5/2013					<0.0002	<0.0002	<0.0002
5/23/2014					<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002			
11/7/2014			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002	<0.0002					
5/20/2015			<0.0002	<0.0002			
5/21/2015	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002
11/12/2015					<0.0002	<0.0002	<0.0002
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002			
4/6/2016	<0.0002						
4/7/2016			<0.0002	<0.0002		<0.0002	<0.0002
4/8/2016		<0.0002			<0.0002		
6/14/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
6/17/2016						<0.0002	
8/9/2016		<0.0002	8.1E-05 (J)	8.1E-05 (J)	8.1E-05 (J)		8.5E-05 (J)
8/10/2016	8.2E-05 (J)					0.00011 (JB)	
10/10/2016			0.00013 (JB)	8.8E-05 (JB)			
10/11/2016	9E-05 (JB)	9.1E-05 (JB)			8.1E-05 (JB)		9E-05 (JB)
10/14/2016						<0.0002	
12/2/2016	<0.0002		<0.0002	<0.0002			<0.0002
12/5/2016		0.00011 (JB)			0.00011 (JB)		
12/19/2016						<0.0002	
2/9/2017			<0.0002				<0.0002
2/10/2017	<0.0002	<0.0002		<0.0002	<0.0002		
2/13/2017						<0.0002	
4/7/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/10/2017	<0.0002						
6/22/2017			<0.0002		<0.0002	<0.0002	<0.0002
6/23/2017	<0.0002			<0.0002			
6/26/2017		<0.0002					
10/9/2017	8.7E-05 (JB)	8.7E-05 (JB)					
10/10/2017			8.9E-05 (JB)	8.8E-05 (JB)	9.2E-05 (JB)	9.2E-05 (JB)	8.8E-05 (JB)
3/22/2018			<0.0002		<0.0002		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0002		<0.0002	
3/26/2018	7E-05 (JB)	<0.0002					
10/3/2018	8.8E-05 (JB)	0.0001425 (JBD)	0.0001415 (JBD)			0.0001415 (JBD)	0.00014 (JBD)
10/4/2018				<0.0002			
10/5/2018					<0.0002		
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
3/20/2020					<0.0002		
9/10/2020	<0.0002	<0.0002					<0.0002
9/11/2020			<0.0002	<0.0002	<0.0002	<0.0002	
4/2/2021	<0.0002	<0.0002	<0.0002				
4/5/2021				<0.0002	<0.0002	<0.0002	
4/6/2021							<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
8/13/2021					<0.0002		
2/14/2022	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/15/2022		<0.0002					
8/26/2022	<0.0002	<0.0002					
8/30/2022							<0.0002
8/31/2022			<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/1/2023							<0.0002
8/2/2023	<0.0002						
8/3/2023		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002						
3/4/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/6/2024	<0.0002						
8/8/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
8/9/2024							<0.0002
2/25/2025	<0.0002	<0.0002					
2/26/2025			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/28/2025	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
7/30/2025				0.00018 (J)			

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0002
12/21/2010				<0.0002	
12/22/2010	<0.0002	<0.0002	<0.0002		
2/14/2011					<0.0002
2/15/2011	<0.0002	<0.0002	<0.0002	<0.0002	
3/21/2011				<0.0002	<0.0002
3/22/2011	<0.0002	<0.0002	<0.0002		
4/27/2011	<0.0002	<0.0002	<0.0002		<0.0002
4/28/2011				<0.0002	
10/26/2011	<0.0002	<0.0002	<0.0002	8.2E-05 (J)	<0.0002
5/1/2012				<0.0002	<0.0002
5/2/2012	<0.0002	<0.0002	<0.0002		
11/8/2012	<0.0002	<0.0002	<0.0002		
11/9/2012				<0.0002	<0.0002
5/8/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/7/2014	<0.0002		<0.0002	<0.0002	<0.0002
11/8/2014		<0.0002			
5/20/2015					<0.0002
5/22/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/8/2016					<0.0002
4/11/2016	<0.0002	<0.0002	<0.0002	<0.0002	
6/15/2016	<0.0002	<0.0002			
6/16/2016			<0.0002	<0.0002	<0.0002
8/10/2016	8.5E-05 (JB)	7.9E-05 (JB)	9E-05 (J)		
8/11/2016				0.00011 (JB)	9.5E-05 (JB)
10/11/2016	9.2E-05 (JB)	0.00011 (JB)			
10/13/2016			<0.0002	<0.0002	<0.0002
12/2/2016		<0.0002			
12/5/2016	0.0001 (JB)		0.00011 (JB)	0.00013 (JB)	
12/6/2016					0.00011 (JB)
2/13/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/7/2017		<0.0002			
4/10/2017	<0.0002		<0.0002		
4/11/2017				<0.0002	<0.0002
6/22/2017		<0.0002			
6/23/2017	<0.0002		<0.0002		
6/24/2017				<0.0002	<0.0002
10/10/2017	9.1E-05 (JB)	8.9E-05 (JB)			
10/11/2017			<0.0002	<0.0002	<0.0002
3/23/2018		7.6E-05 (JB)			
3/26/2018	<0.0002		<0.0002	<0.0002	7.6E-05 (JB)
10/4/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019			<0.0002		
3/28/2019	<0.0002	<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002			
9/11/2020			<0.0002	<0.0002	<0.0002
4/5/2021			<0.0002	<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0002	<0.0002			<0.0002
8/13/2021	<0.0002	<0.0002	<0.0002		<0.0002
8/17/2021				<0.0002	
2/14/2022	<0.0002	<0.0002		<0.0002	<0.0002
2/15/2022			<0.0002		
8/31/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/28/2023			<0.0002		<0.0002
3/1/2023	<0.0002	<0.0002		<0.0002	
8/3/2023	<0.0002	<0.0002	<0.0002	9E-05 (J)	<0.0002
3/4/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/8/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/25/2025					<0.0002
2/26/2025	<0.0002	<0.0002	<0.0002	<0.0002	
7/25/2025			<0.0002		
7/28/2025	<0.0002	<0.0002		<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.005	0.003 (J)		
12/21/2010						0.0052	<0.001
12/22/2010	<0.001	0.003 (JO)					
2/1/2011				<0.005	0.0072		
2/14/2011	<0.001	<0.005	<0.001			0.016	<0.001
3/21/2011			<0.001	<0.005			<0.001
3/22/2011	<0.001	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.001	<0.005	<0.001	<0.005			<0.001
4/27/2011					0.003 (I)	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.001		<0.005		<0.001
10/27/2011	<0.001	<0.005		<0.005			
5/1/2012	<0.001	<0.005	<0.001		<0.005	0.0035 (I)	
5/2/2012				<0.005			<0.001
11/8/2012	<0.001	<0.005	<0.001	0.0035 (JO)	0.0066	0.0046 (J)	<0.001
5/7/2013	<0.001	<0.005		<0.005	0.022	0.0087	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.005	<0.001	<0.005			
11/5/2013					0.0093	0.0036 (J)	<0.001
5/23/2014					0.0045 (J)	<0.005	<0.001
5/24/2014	<0.001	<0.005	<0.001	<0.005			
11/7/2014			<0.001	<0.005	0.0049 (J)	0.0064	<0.001
11/8/2014	<0.001	<0.005					
5/20/2015			<0.001	<0.005			
5/21/2015	<0.001	<0.005			0.012	0.0045 (J)	<0.001
11/12/2015					0.019	0.0036 (J)	<0.001
11/13/2015	<0.001	<0.005	<0.001	<0.005			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.005		<0.005	<0.001
4/8/2016		<0.005			<0.005		
10/10/2016			<0.001	<0.005			
10/11/2016	<0.001	<0.005			<0.005		<0.001
10/14/2016						<0.005	
4/7/2017		<0.005	<0.001	<0.005	<0.005	<0.005	<0.001
4/10/2017	<0.001						
10/9/2017	0.0024 (JO)	<0.005					
10/10/2017			<0.001	<0.005	<0.005	<0.005	<0.001
3/22/2018			<0.001		<0.005		<0.001
3/23/2018				<0.005		<0.005	
3/26/2018	<0.001	<0.005					
10/3/2018	<0.001	<0.005	<0.001			<0.005	<0.001
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.001	<0.005	<0.001	<0.005	<0.005	<0.005	<0.001
9/12/2019	0.00097 (J)	<0.005	0.00061 (J)	0.0004 (J)	<0.005	<0.005	0.00043 (J)
3/19/2020	0.00037 (J)	<0.005	0.00074 (J)	<0.005		0.0004 (J)	<0.001
3/20/2020					<0.005		
9/10/2020	0.00095 (J)	<0.005					0.00062 (J)
9/11/2020			0.001	<0.005	<0.005	<0.005	
4/2/2021	0.00046 (J)	0.00049 (J)	0.00077 (J)				
4/5/2021				<0.005	<0.005	0.00034 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	0.0011	0.00042 (J)	0.00092 (J)	<0.005		<0.005	0.0019
8/13/2021					<0.005		
2/14/2022	<0.001		<0.001	<0.005	<0.005	<0.005	0.00088 (J)
2/15/2022		0.0014					
8/26/2022	0.0012 (B)	0.00065 (JB)					
8/30/2022							0.00074 (JB)
8/31/2022			0.00065 (JB)	0.00056 (JB)	<0.005	<0.005	
2/28/2023	0.0015	0.00091 (J)	0.00064 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.001
8/2/2023	0.00086 (J)						
8/3/2023		0.00067 (J)	0.00067 (J)	0.00045 (J)	<0.005	<0.005	0.00046 (J)
2/29/2024	0.00097 (J)						
3/4/2024		0.00055 (J)	0.0011	<0.005	<0.005	<0.005	<0.001
8/6/2024	0.00096 (J)						
8/8/2024		<0.005	0.00048 (J)	<0.005	<0.005	<0.005	
8/9/2024							<0.001
2/25/2025	0.00099 (J)	<0.005					
2/26/2025			0.00053 (J)	0.00049 (J)	<0.005	<0.005	<0.001
7/28/2025	0.00086 (J)	<0.005	0.00073 (J)		<0.005	<0.005	0.00045 (J)
7/30/2025				<0.005			

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.006
12/21/2010				<0.005	
12/22/2010	<0.005	<0.0025	<0.0025		
2/14/2011					0.0067
2/15/2011	<0.005	<0.0025	<0.0025	<0.005	
3/21/2011				<0.005	0.0066
3/22/2011	<0.005	<0.0025	<0.0025		
4/27/2011	<0.005	<0.0025	<0.0025		0.0077
4/28/2011				<0.005	
10/26/2011	<0.005	<0.0025	<0.0025	<0.005	0.0063
5/1/2012				<0.005	0.0068
5/2/2012	<0.005	<0.0025	<0.0025		
11/8/2012	<0.005	<0.0025	<0.0025		
11/9/2012				<0.005	0.0067
5/8/2013	<0.005	<0.0025	<0.0025	<0.005	0.0066
11/4/2013	<0.005	<0.0025	<0.0025	<0.005	0.0072
5/24/2014	<0.005	<0.0025	<0.0025	<0.005	0.0053
11/7/2014	<0.005		<0.0025	<0.005	0.0052
11/8/2014		<0.0025			
5/20/2015					0.0067
5/22/2015	0.0032 (J)	<0.0025	<0.0025	<0.005	
11/13/2015	<0.005	<0.0025	<0.0025	<0.005	0.0063
4/8/2016					0.0076 (J)
4/11/2016	0.00388 (J)	<0.0025	<0.0025	<0.005	
10/11/2016	0.0047	<0.0025			
10/13/2016			<0.0025	<0.005	0.0073
4/7/2017		<0.0025			
4/10/2017	0.0042		<0.0025		
4/11/2017				<0.005	0.0075
10/10/2017	0.0037	<0.0025			
10/11/2017			0.0018 (J)	<0.005	0.0072
3/23/2018		<0.0025			
3/26/2018	0.0037		0.0021 (J)	<0.005	0.0075
10/4/2018	0.0037	<0.0025	0.0024 (J)	<0.005	0.0073
3/27/2019			0.0024 (J)		
3/28/2019	0.0038	<0.0025		<0.005	0.0069
9/12/2019	0.0035	0.0012	0.0019	<0.005	0.007
3/19/2020	0.0039	0.0015	0.0021	<0.005	0.007
9/10/2020	0.0035	0.0017			
9/11/2020			0.002	<0.005	0.0074
4/5/2021			0.002	<0.005	
4/6/2021	0.0042 (B)	0.0019 (B)			0.0072 (B)
8/13/2021	0.0037	0.0036	0.0034		0.0073
8/17/2021				<0.005	
2/14/2022	0.0034	0.0026		<0.005	0.0071
2/15/2022			0.0024		
8/31/2022	0.0033 (B)	0.0031 (B)	0.0025 (B)	<0.005	0.0069 (B)
2/28/2023			0.0028		0.0073
3/1/2023	0.0038	0.0073		<0.005	
8/3/2023	0.0031	0.0033	0.0028	<0.005	0.0071
3/4/2024	0.0028	0.0029	0.0024	<0.005	0.0077
8/8/2024	0.0025	0.003	0.0027	<0.005	0.0077

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					0.0078
2/26/2025	0.0027	0.0032	0.0024	<0.005	
7/25/2025			0.0026		
7/28/2025	0.004 (J)	0.0045 (J)		<0.005	0.0075

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			6.21	5.54	6.25		
12/21/2010						6.91	6.68
12/22/2010	5.72	5.97					
2/1/2011				5.55	6.26		
2/14/2011	6.01	6.37	6.17			6.73	6.88
3/21/2011			6.14	5.61			6.58
3/22/2011	5.65	5.83					
3/23/2011					6.36	6.88	
4/26/2011	5.67	5.87	5.91	5.6			6.21
4/27/2011					6.67	6.63	
10/25/2011						6.87	
10/26/2011			6.39		6.41		6.98
10/27/2011	5.95	6.14		5.77			
5/1/2012	5.88	6.2	6.32		6.33	6.76	
5/2/2012				5.72			6.8
11/8/2012	5.82	5.77	6.08	5.83	6.31	6.72	6.88
5/7/2013	5.48	5.94		5.94	6.41	6.79	
5/8/2013			6.34				6.97
11/4/2013	5.97	5.87	6.36	5.94			
11/5/2013					6.6	7.11	6.81
5/23/2014					6.17	6.6	6.58
5/24/2014	5.52	5.83	5.94	5.45			
11/7/2014			6.26 (D)	5.92 (D)	6.54 (D)	6.91 (D)	6.99 (D)
11/8/2014	5.89 (D)	5.92 (D)					
5/20/2015			6	5.8			
5/21/2015	5.64	5.97 (D)			6.41	6.77	6.79
11/12/2015					6.43 (D)	6.81	7 (D)
11/13/2015	5.65 (D)	5.8 (D)	6.02 (D)	5.78 (D)		6.81	
4/6/2016	6						
4/7/2016			6.48	6.83	6.46	6.74	6.85
4/8/2016		6.12			6.45		
6/14/2016	5.75	5.84	6.05	5.82	6.4		6.83
6/17/2016						6.78	
8/1/2016				5.78			
8/9/2016		5.75	6.05	5.78	6.43		6.77
8/10/2016	5.75					6.73	
10/10/2016			6.02	5.78			
10/11/2016	5.8	5.84			6.34		6.83
10/14/2016						6.7	
12/2/2016	5.78		5.95	5.71			6.79
12/5/2016		5.7			6.46	6.71	
2/9/2017			6.24				6.65
2/10/2017	5.83	6.17		5.79	6.33		
2/13/2017						6.56	
4/7/2017		5.99	5.95	5.93	6.38	6.62	6.75
4/10/2017	5.74						
6/22/2017			6.02		6.45	6.76	6.85
6/23/2017	5.83			5.77			
6/26/2017	5.83	5.87					
10/9/2017	5.61	5.52					
10/10/2017			6	5.81	6.44	6.7	6.84
3/22/2018			6.2		6.46		7

Time Series

Constituent: pH, Field (SU) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				5.89		6.92	
3/26/2018	5.76	6.06					
10/3/2018	5.78	5.83	6.03			6.81	6.93
10/4/2018				5.86			
10/5/2018					6.47		
3/27/2019	5.97	6.04	6.31	5.95	6.52	6.86	6.91
9/12/2019	5.83	5.87		5.83	6.49	6.78	6.82
9/13/2019			5.96				
3/19/2020	5.81	6.14	6.46	5.93	6.39	6.73	6.87
3/20/2020					6.39		
9/10/2020	5.83	5.78					6.91
9/11/2020			5.98	6.02	6.59	6.76	
4/2/2021	6.06	6.03	5.92				
4/5/2021				5.92	6.59	6.78	
4/6/2021							6.87
6/1/2021				5.8	6.46	6.78	
8/12/2021	5.88	5.91	5.92	5.71		6.86	6.86
8/13/2021					6.33		
2/14/2022	5.99		6.31	5.85	6.6	6.93	7.1
2/15/2022		6.4					
8/26/2022	5.73	5.86					
8/30/2022							7.08
8/31/2022			6.03	5.8	6.53	6.91	
10/25/2022			5.99	5.88	6.48	6.81	6.96
11/16/2022			6.02	5.88	6.51	6.83	6.91
2/28/2023	5.81	6.21	5.88	5.91	6.52	6.87	
3/1/2023							6.98
8/2/2023	5.86						
8/3/2023		6.03	5.93	5.84	6.42	6.84	6.88
2/29/2024	5.8						
3/4/2024		6.41	6.54	5.94	6.49	6.86	6.96
8/6/2024	5.76						
8/8/2024		5.93	5.9	5.77	6.34	6.72	
8/9/2024							6.82
11/7/2024			6.19				
2/25/2025	6.07	6.66					
2/26/2025			6.85	5.92	6.5	6.85	6.96
7/28/2025	5.8	5.99	6.08		6.36	6.72	6.86
7/30/2025				5.84			

Time Series

Constituent: pH, Field (SU) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					5.63
12/21/2010				6.52	
12/22/2010	5.62	5.68	5.67		
2/14/2011					5.61
2/15/2011	5.89	6.06	5.98	6.42	
3/21/2011				6.41	5.71
3/22/2011	5.61	5.61	5.74		
4/27/2011	5.53	5.52	5.67		5.71
4/28/2011				6.4	
10/26/2011	5.91	5.99	6	6.81	5.66
5/1/2012				6.74	5.58
5/2/2012	5.95	6	5.96		
11/8/2012	5.72	5.6	5.78		
11/9/2012				6.77	5.53
5/8/2013	6.12	5.89	5.64	6.6	6.14
11/4/2013	5.62	5.51	6	6.9	5.54
5/24/2014	5.62	5.66	5.71	6.5	5.37
11/7/2014			5.95 (D)	6.75 (D)	5.67 (D)
11/8/2014		5.94 (D)			
5/20/2015					5.49
5/22/2015	5.8 (D)	5.79 (D)	5.84 (D)	6.65 (D)	
5/25/2015			8.36 (O)	7.63 (O)	
11/13/2015	5.87 (D)	5.92 (D)	5.82 (D)	6.77 (D)	5.52 (D)
4/8/2016					5.63
4/11/2016	5.84	5.82	5.88	6.64	
6/15/2016	5.82	5.85			
6/16/2016			5.85	6.6	5.56
8/10/2016	5.82	5.85	5.83		
8/11/2016				6.61	5.56
10/11/2016	5.78	5.76			
10/13/2016			5.84	6.64	5.61
12/2/2016		5.76			
12/5/2016	5.72		5.81	6.63	
12/6/2016					5.48
2/13/2017	5.81	5.8	5.76	6.59	5.57
4/7/2017		5.75			
4/10/2017	5.75		5.78		
4/11/2017				6.53	5.52
6/22/2017		5.83			
6/23/2017	5.78		5.82		
6/26/2017				6.6	5.56
10/10/2017	5.82	5.76			
10/11/2017			5.83	6.61	5.51
3/23/2018		5.98			
3/26/2018	5.91		5.98	6.77	5.78
10/4/2018	5.83	5.85	5.85	6.67	5.56
3/27/2019			5.94		
3/28/2019	5.95	5.71		6.71	5.67
9/12/2019	5.98		5.86	6.68	
9/13/2019		5.78			5.55
3/19/2020	5.97	5.78	5.9	6.64	5.65
9/10/2020	6.09	5.78			

Time Series

Constituent: pH, Field (SU) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
9/11/2020			5.84	6.64	5.69
4/5/2021			5.99	6.68	
4/6/2021	6.3	5.76			5.67
6/2/2021			5.87	6.6	
8/13/2021	6.18	5.86	5.92		5.47
8/17/2021				6.63	
2/14/2022	6.29	5.9		6.79	5.65
2/15/2022			6.02		
8/31/2022	6.21	5.85	5.91	6.74	5.59
10/25/2022	6.21	5.89	5.94	6.65	5.64
11/16/2022	6.14	5.81	5.87	6.65	5.65
2/28/2023			5.86		5.66
3/1/2023	6.11	5.69		6.59	
5/2/2023		5.82			
8/3/2023	5.94	5.89	5.86	6.63	5.56
10/4/2023					5.63
3/4/2024	6.52	5.77	5.85	7.01	5.9
5/20/2024					5.61
8/8/2024	6.14	5.74	5.91	6.54	5.58
11/7/2024					5.73
2/25/2025					5.68
2/26/2025	6.54	5.83	6.23	7.03	
7/25/2025			5.79		
7/28/2025	6.19	5.66		6.5	5.46
10/21/2025					5.44 (R)

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		0.004 (J)
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	0.0046 (J)	
5/8/2013			0.0048 (J)				<0.005
11/4/2013	0.0061 (JO)	0.0048 (JV)	<0.005	<0.005			
11/5/2013					0.0064 (JO)	0.0047 (JV)	<0.005
5/23/2014					<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	0.0042 (J)	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			0.0093 (JO)	<0.005			
5/21/2015	0.0072 (JO)	0.0041 (J)			<0.005	0.0077 (JO)	0.0041 (J)
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	0.0061 (JO)	<0.005			
4/6/2016	<0.005						
4/7/2016			<0.005	<0.005		<0.005	<0.005
4/8/2016		<0.005			<0.005		
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
6/17/2016						<0.005	
8/9/2016		<0.005	<0.005	<0.005	<0.005		<0.005
8/10/2016	<0.005					<0.005	
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
12/2/2016	<0.005		<0.005	<0.005			<0.005
12/5/2016		<0.005			<0.005		
12/19/2016						<0.005	
2/9/2017			<0.005				<0.005
2/10/2017	<0.005	0.0032		<0.005	<0.005		
2/13/2017						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	0.00092 (J)
4/10/2017	<0.005						
6/22/2017			0.0004 (J)		0.0021	0.00069 (J)	0.0013
6/23/2017	<0.005			<0.005			
6/26/2017		<0.005					
10/9/2017	<0.005	<0.005					
10/10/2017			0.00033 (J)	<0.005	<0.005	<0.005	<0.005
3/22/2018			<0.005		<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	<0.005	<0.005					<0.005
9/11/2020			<0.005	<0.005	<0.005	<0.005	
4/2/2021	<0.005	<0.005	<0.005				
4/5/2021				<0.005	<0.005	<0.005	
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2022		<0.005					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			<0.005	<0.005	<0.005	<0.005	
2/28/2023	<0.005	<0.005	0.00076 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/6/2024	<0.005						
8/8/2024		<0.005	<0.005	<0.005	<0.005	<0.005	
8/9/2024							<0.005
2/25/2025	<0.005	<0.005					
2/26/2025			<0.005	<0.005	<0.005	<0.005	<0.005
7/28/2025	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
7/30/2025				<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					<0.005
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	<0.005
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		<0.005
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/1/2012				<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	<0.005
5/8/2013	<0.005	0.0042 (J)	<0.005	<0.005	<0.005
11/4/2013	<0.005	<0.005	<0.005	0.0049 (JV)	<0.005
5/24/2014	0.0044 (J)	<0.005	<0.005	<0.005	<0.005
11/7/2014	<0.005		<0.005	<0.005	<0.005
11/8/2014		<0.005			
5/20/2015					<0.005
5/22/2015	<0.005	<0.005	<0.005	0.0067 (JO)	
11/13/2015	<0.005	<0.005	<0.005	<0.005	<0.005
4/8/2016					<0.005
4/11/2016	<0.005	<0.005	<0.005	<0.005	
6/15/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				0.00036 (J)	<0.005
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	0.00035 (J)	0.00046 (J)
12/2/2016		<0.005			
12/5/2016	<0.005		<0.005	<0.005	
12/6/2016					<0.005
2/13/2017	<0.005	<0.005	<0.005	<0.005	0.0025
4/7/2017		0.0021			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0027	0.00089 (J)
6/22/2017		<0.005			
6/23/2017	<0.005		<0.005		
6/24/2017				<0.005	<0.005
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	<0.005
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	<0.005
10/4/2018	0.00032 (J)	<0.005	<0.005	0.0004 (J)	<0.005
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	<0.005
4/5/2021			<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	<0.005			<0.005
8/13/2021	<0.005	<0.005	<0.005		<0.005
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	<0.005
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2023			<0.005		<0.005
3/1/2023	<0.005	<0.005		0.00099 (J)	
8/3/2023	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025					0.0011 (J)
2/26/2025	<0.005	<0.005	<0.005	<0.005	
7/25/2025			<0.005		
7/28/2025	0.003 (J)	0.0024 (J)		<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001
7/28/2025	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
7/30/2025				<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	
7/25/2025			<0.001		
7/28/2025	<0.001	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.813 (J)						
4/7/2016			107.095	0.594 (J)		1.522	0.507 (J)
4/8/2016		<1			0.334 (J)		
6/14/2016	1.1	0.14 (J)	160 (D)	0.43 (J)	0.35 (J)		0.55 (J)
6/17/2016						1.1 (D)	
8/9/2016		<1	130	<1	<1		<1
8/10/2016	0.9 (J)					1.1	
10/10/2016			140	<1			
10/11/2016	0.99 (J)	<1			<1		<1
10/14/2016						0.89 (J)	
12/2/2016	0.99 (J)		150	<1			<1
12/5/2016		<1			<1		
12/19/2016						1.2	
2/9/2017			150				<1
2/10/2017	1.4	<1		<1	<1		
2/13/2017						1.4	
4/7/2017		<1	140	<1	<1	1.2	<1
4/10/2017	1.6						
6/22/2017			160		<1	1.1	<1
6/23/2017	1.8			<1			
6/26/2017		<1					
10/9/2017	2.5	<1					
10/10/2017			160	<1	<1	0.92 (J)	<1
3/22/2018			150		<1		<1
3/23/2018				<1		1.3	
3/26/2018	2.3	<1					
10/3/2018	1.9	<1	140			1.2	<1
10/4/2018				<1			
10/5/2018					<1		
3/27/2019	0.81 (J)	<1	140	0.52 (J)	<1	1.6	0.56 (J)
9/12/2019	1.3	0.38 (J)	170	0.61 (J)	0.4 (J)	1.2	0.77 (J)
3/19/2020	0.92 (J)	<1	150	0.39 (J)		1.5	0.56 (J)
3/20/2020					0.58 (J)		
9/10/2020	1.3	<1					0.42 (J)
9/11/2020			170	0.99 (J)	0.39 (J)	1.3	
4/2/2021	0.99 (J)	<1	180				
4/5/2021				<1	<1	1.3	
4/6/2021							<1
8/12/2021	1.8	<1	180	1		1	<1
8/13/2021					<1		
2/14/2022	1		130	<1	<1	1.2	0.85 (J)
2/15/2022		0.87 (J)					
8/26/2022	2.7	<1					
8/30/2022							0.76 (J)
8/31/2022			170	1.1	1.1	1.6	
2/28/2023	2.7	1.7	170	1.7	1.6	2.5	
3/1/2023							1.2
8/2/2023	1.4						
8/3/2023		<1	170	0.49 (J)	<1	0.94 (J)	0.46 (J)
2/29/2024	2.8						
3/4/2024		<1	160	0.64 (J)	0.46 (J)	1.4	0.66 (J)
8/6/2024	1.7						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<1	300 (o)	<1	<1	0.66 (J)	
8/9/2024							<1
11/7/2024			160				
2/25/2025	2	<1					
2/26/2025			150	<1	<1	<1	0.47 (J)
7/28/2025	1.7	<1	140		0.78 (J)	1	<1
7/30/2025				<1			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					135.355
4/11/2016	2.15	<1	0.415 (J)	<1	
6/15/2016	2.5	0.18 (J)			
6/16/2016			0.5 (J)	10	140
8/10/2016	2.5	<1	<1		
8/11/2016				9.8 (F1)	130
10/11/2016	2.7	<1			
10/13/2016			<1	11	140
12/2/2016		<1			
12/5/2016	2.6		<1	13	
12/6/2016					150
2/13/2017	2.4	<1	<1	14	160
4/7/2017		<1			
4/10/2017	2.3		<1		
4/11/2017				12	130
6/22/2017		<1			
6/23/2017	2.5		<1		
6/24/2017				12	160
10/10/2017	2.5	<1			
10/11/2017			<1	13	160
3/23/2018		<1			
3/26/2018	2.4		<1	20	160
10/4/2018	2.8	<1	<1	23	170
3/27/2019			2.7		
3/28/2019	3.2	0.38 (J)		29	170
9/12/2019	3.2	<1	0.65 (J)	34	170
3/19/2020	3.2	<1	0.71 (J)	40	170
9/10/2020	2.7	<1			
9/11/2020			2.6	39	160
4/5/2021			1.7	57 (F1)	
4/6/2021	2.5	<1			160
8/13/2021	2.7	<1	1.4		170
8/17/2021				54	
2/14/2022	2.9	<1		56	150
2/15/2022			1.8		
8/31/2022	2.8	0.88 (J)	2.4	65	170
2/28/2023			3.2		170
3/1/2023	2.4	170 (o)		70	
8/3/2023	1.7	<1	2.2	74	170
3/4/2024	2.1	<1	2.9	90	180
8/8/2024	1.7	<1	2.8	41	340 (o)
11/7/2024					180
2/25/2025					190
2/26/2025	2	<1	4.1	94	
7/25/2025			4.8		
7/28/2025	2.7	<1		95	190
10/21/2025					180 (R)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	51						
4/7/2016			237	69		100	114
4/8/2016		74			89		
6/14/2016	62	111	240	<25	55		56 (O)
6/17/2016						69	
8/9/2016		44	230	40	90		100
8/10/2016	70					110	
10/10/2016			240	34			
10/11/2016	84	64			86		110
10/14/2016						100	
12/2/2016	74		270	50			94
12/5/2016		52			74		
12/19/2016						100	
2/9/2017			240				100
2/10/2017	100	86		60	100		
2/13/2017						80	
4/7/2017		68	260	70	92	86	100
4/10/2017	82						
6/22/2017			300		64	72	110
6/23/2017	72			42			
6/26/2017		76					
10/9/2017	82	50					
10/10/2017			280	34	68	70	100
3/22/2018			310		92		100
3/23/2018				52		86	
3/26/2018	94	56					
10/3/2018	72	42	190			88	96
10/4/2018				48			
10/5/2018					90		
3/27/2019	98	76	290	66	94	100	120
9/12/2019	130	72	340	97	88	110	120
3/19/2020	100	65	310	51		97	110
3/20/2020					99		
9/10/2020	110	56					130
9/11/2020			340	51	110	120	
4/2/2021	100	69	360				
4/5/2021				46	63	99	
4/6/2021							110
8/12/2021	98	68	330	55		100	120
8/13/2021					110		
2/14/2022	100		290	68	94	100	110
2/15/2022		85					
8/26/2022	110	83					
11/16/2022			300	55	94	100	110
2/28/2023	98	99	320	64	120	110	
3/1/2023							120
8/2/2023	98						
8/3/2023		77	310	63	100	100	130
2/29/2024	92						
3/4/2024		96	310	66	99	100	110
8/6/2024	87						
8/8/2024		73	290	67	100	94	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/9/2024							110
2/25/2025	90	98					
2/26/2025			280	68	100	100	110
7/28/2025	99	74	330		110	110	120
7/30/2025				49			

Time Series

Constituent: TDS (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					237
4/11/2016	88	79	88	103	
6/15/2016	114	79			
6/16/2016			74	117	231
8/10/2016	82	72	66		
8/11/2016				94	190
10/11/2016	92	76			
10/13/2016			72	110	230
12/2/2016		60			
12/5/2016	86		70	130	
12/6/2016					260
2/13/2017	62	58	12 (O)	92	230
4/7/2017		68			
4/10/2017	60		80		
4/11/2017				120	210
6/22/2017		16			
6/23/2017	74		66		
6/24/2017				120	250
10/10/2017	86	44			
10/11/2017			56	120	280
3/23/2018		96			
3/26/2018	58		72	98	240
10/4/2018	130	110	96	190	320
3/27/2019			76		
3/28/2019	88	65		140	280
9/12/2019	110	89	110	160	300
3/19/2020	110	64	66	160	270
9/10/2020	120	82			
9/11/2020			87	170	290
4/5/2021			66	170	
4/6/2021	110	49			250
8/13/2021	120	72	92		290
8/17/2021				180	
2/14/2022	120	79		150	280
2/15/2022			67		
11/16/2022	110	76	89	180	270
2/28/2023			84		280
3/1/2023	130	290 (o)		190	
8/3/2023	120	77	82	200	290
3/4/2024	110	68	86	200	310
8/8/2024	110	76	84	210	290
2/25/2025					310
2/26/2025	110	77	88	220	
7/25/2025			140		
7/28/2025	130	82		250	370
10/21/2025					310 (R)

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.00026 (J)	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	0.00025 (J)	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			0.00032 (J)	<0.001	<0.001	<0.001	<0.001
11/8/2014	0.00048 (J)	0.00086 (J)					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00036 (JB)	<0.001		0.00018 (JB)	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00016 (J)	0.00036 (J)	<0.001				
4/5/2021				<0.001	<0.001	0.00043 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001
7/28/2025	<0.001	<0.001	0.00025 (J)		<0.001	<0.001	<0.001
7/30/2025				0.00034 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	0.00028 (J)	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			0.00022 (J)	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	
7/25/2025			<0.001		
7/28/2025	<0.001	<0.001		<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	0.0024 (J)	0.0051 (J)		
12/21/2010						0.0091 (J)	0.016
12/22/2010	<0.0025	<0.0025					
2/1/2011				0.0021 (J)	0.012		
2/14/2011	<0.0025	<0.0025	<0.0025			0.013	0.016
3/21/2011			<0.0025	0.0025 (J)			0.018
3/22/2011	0.0028 (J)	0.0032 (J)					
3/23/2011					0.015	0.01	
4/26/2011	0.0025 (I)	<0.0025	0.0022 (I)	0.0033 (I)			0.018
4/27/2011					0.022	0.0078 (I)	
10/25/2011						0.012	
10/26/2011			<0.0025		0.0043 (J)		0.018
10/27/2011	<0.0025	<0.0025		0.003 (J)			
5/1/2012	0.004 (I)	0.0037 (I)	0.0036 (I)		0.0069 (I)	0.019	
5/2/2012				0.0051 (I)			0.021
11/8/2012	<0.0025	<0.0025	0.0062 (J)	0.02 (O)	0.013	0.015	0.019
5/7/2013	<0.0025	0.0041 (J)		0.0036 (J)	0.017	0.017	
5/8/2013			<0.0025				0.02
11/4/2013	<0.0025	<0.0025	<0.0025	0.0043 (J)			
11/5/2013					0.013	0.015	0.018
5/23/2014					0.041 (O)	0.017	0.018
5/24/2014	<0.0025	<0.0025	<0.0025	0.0033 (J)			
11/7/2014			<0.0025	<0.0025	0.0069 (J)	0.013	0.018
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	0.0062 (J)			
5/21/2015	<0.0025	0.0052 (J)			0.016	0.016	0.02
11/12/2015					0.013	0.018	0.016
11/13/2015	<0.0025	<0.0025	<0.0025	0.0046 (J)			
4/6/2016	0.00201 (J)						
4/7/2016			<0.0025	0.00293 (J)		0.016	0.0182
4/8/2016		0.00339 (J)			0.00606 (J)		
10/10/2016			<0.0025	0.0031			
10/11/2016	0.0067	0.0037			0.011		0.023
10/14/2016						0.018	
4/7/2017		0.0033	<0.0025	0.0041	0.0073	0.017	0.02
4/10/2017	0.002 (J)						
10/9/2017	<0.0025	<0.0025					
10/10/2017			0.0014 (J)	<0.0025	0.0032	0.015	0.016
3/22/2018			<0.0025		0.0068		0.018
3/23/2018				0.0032		0.016	
3/26/2018	0.0014 (J)	0.0029					
10/3/2018	0.0023 (J)	0.0022 (J)	<0.0025			0.017	0.018
10/4/2018				0.0034			
10/5/2018					0.0092		
3/27/2019	0.0072	0.0071	0.0023 (JB)	0.0072 (B)	0.012 (B)	0.022 (B)	0.021 (B)
9/12/2019	0.0031	0.0025	0.0017	0.0033	0.0075	0.019	0.02
3/19/2020	0.003	0.0052	0.0031	0.0033		0.019	0.02
3/20/2020					0.0086		
9/10/2020	0.0027	0.0025					0.018
9/11/2020			0.0015	0.0026	0.007	0.017	
4/2/2021	0.0029	0.0045	0.0014				
4/5/2021				0.003	0.0085	0.019	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							0.021
8/12/2021	0.004	0.0028	0.0017	0.0031		0.019	0.02
8/13/2021					0.0078		
2/14/2022	0.0033		0.0028	0.0032	0.0076	0.019	0.02
2/15/2022		0.0083					
8/26/2022	0.0028	0.002					
8/30/2022							0.019
8/31/2022			0.0011	0.0027	0.0073	0.018	
2/28/2023	0.0036	0.0071	0.0018	0.0037	0.0078	0.02	
3/1/2023							0.019
8/2/2023	0.0035						
8/3/2023		0.0037	0.0012 (J)	0.0026	0.0072	0.017	0.019
2/29/2024	0.0025						
3/4/2024		0.0081	0.0024	0.0028	0.0078	0.018	0.018
8/6/2024	0.003						
8/8/2024		0.0034	0.00075 (J)	0.0019 (J)	0.0079	0.018	
8/9/2024							0.019
2/25/2025	0.0014 (J)	0.008					
2/26/2025			0.0082	0.0069	0.0097	0.021	0.026
7/28/2025	0.0034 (J)	0.0054	0.0015 (J)		0.008	0.018	0.02
7/30/2025				0.002 (J)			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				0.01	
12/22/2010	0.0037 (J)	<0.001	0.0027 (J)		
2/14/2011					<0.005
2/15/2011	0.0043 (J)	<0.001	0.0036 (J)	0.0098 (J)	
3/21/2011				0.012	<0.005
3/22/2011	0.0039 (J)	0.0034 (J)	0.004 (J)		
4/27/2011	0.0035 (I)	0.0032 (I)	0.0046 (I)		<0.005
4/28/2011				0.011	
10/26/2011	0.0047 (J)	<0.001	<0.01	0.012	<0.005
5/1/2012				0.011	0.0032
5/2/2012	0.0064 (I)	0.0039 (I)	0.0055 (I)		
11/8/2012	0.0051 (J)	0.0034 (J)	0.0042 (J)		
11/9/2012				0.011	<0.005
5/8/2013	0.0046 (J)	<0.001	0.0046 (J)	0.01	<0.005
11/4/2013	0.0039 (J)	0.0035 (J)	0.0042 (J)	0.011	<0.005
5/24/2014	0.0053 (J)	0.0036 (J)	0.0061 (J)	0.012	<0.005
11/7/2014	0.0034 (J)		0.0032 (J)	0.01	<0.005
11/8/2014		<0.001			
5/20/2015					0.0065 (J)
5/22/2015	0.0068 (J)	0.0044 (J)	0.0056 (J)	0.013	
11/13/2015	0.0044 (J)	<0.001	<0.01	0.014	<0.005
4/8/2016					<0.005
4/11/2016	0.00381 (J)	0.00254 (J)	0.00415 (J)	0.0107	
10/11/2016	0.0082	0.0056			
10/13/2016			0.0047	0.011	<0.005
4/7/2017		0.0024 (J)			
4/10/2017	0.0038		0.0043		
4/11/2017				0.011	<0.005
10/10/2017	0.0053	<0.001			
10/11/2017			0.0052	0.012	0.0019 (J)
3/23/2018		0.0023 (J)			
3/26/2018	0.0037		0.004	0.0096	<0.005
10/4/2018	0.0053	0.0037	0.0066	0.013	0.0037
3/27/2019			0.0087 (B)		
3/28/2019	0.0079	0.0053		0.01	0.0041
9/12/2019	0.0054	0.0028	0.0047	0.011	<0.005
3/19/2020	0.0044	0.0027	0.0046	0.01	<0.005
9/10/2020	0.0049	0.0026			
9/11/2020			0.0042	0.0099	<0.005
4/5/2021			0.0059	0.011	
4/6/2021	0.0045	0.0026			<0.005
8/13/2021	0.0061	0.0093	0.0072		0.0016
8/17/2021				0.011	
2/14/2022	0.0047	0.0042		0.011	0.0014
2/15/2022			0.0049		
8/31/2022	0.0055	0.0031	0.0038	0.01	0.00095 (J)
2/28/2023			0.0052		0.0023
3/1/2023	0.0051	<0.001		0.011	
8/3/2023	0.005	0.0029	0.0041	0.0088	<0.005
3/4/2024	0.0045	0.0025	0.0041	0.0098	0.00066 (J)
8/8/2024	0.0047	0.0021	0.0039	0.009	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					<0.005
2/26/2025	0.0056	0.009	0.01	0.014	
7/25/2025			0.0044 (J)		
7/28/2025	0.0059	0.0043 (J)		0.01	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.01	<0.01	<0.01		
12/21/2010						<0.01	<0.01
12/22/2010	<0.01	<0.01					
2/1/2011				<0.01	<0.01		
2/14/2011	<0.01	<0.01	<0.01			<0.01	<0.01
3/21/2011			<0.01	<0.01			<0.01
3/22/2011	<0.01	<0.01					
3/23/2011					<0.01	<0.01	
4/26/2011	<0.01	<0.01	<0.01	<0.01			<0.01
4/27/2011					<0.01	<0.01	
10/25/2011						<0.01	
10/26/2011			<0.01		<0.01		<0.01
10/27/2011	<0.01	<0.01		<0.01			
5/1/2012	<0.01	<0.01	<0.01		<0.01	<0.01	
5/2/2012				<0.01			<0.01
11/8/2012	<0.01	<0.01	<0.01	0.013 (JO)	<0.01	<0.01	<0.01
5/7/2013	<0.01	<0.01		<0.01	0.0087 (J)	<0.01	
5/8/2013			<0.01				<0.01
11/4/2013	<0.01	<0.01	<0.01	<0.01			
11/5/2013					<0.01	0.008 (J)	<0.01
5/23/2014					0.014 (JO)	<0.01	<0.01
5/24/2014	<0.01	<0.01	<0.01	<0.01			
11/7/2014			<0.01	<0.01	<0.01	<0.01	<0.01
11/8/2014	<0.01	<0.01					
5/20/2015			<0.01	<0.01			
5/21/2015	<0.01	<0.01			<0.01	<0.01	<0.01
11/12/2015					<0.01	<0.01	<0.01
11/13/2015	<0.01	0.039 (O)	<0.01	<0.01			
4/6/2016	<0.01						
4/7/2016			0.00345 (J)	0.00265 (J)		0.00287 (J)	0.00208 (J)
4/8/2016		<0.01			0.00228 (J)		
10/10/2016			<0.01	<0.01			
10/11/2016	<0.01	<0.01			<0.01		<0.01
10/14/2016						<0.01	
4/7/2017		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4/10/2017	<0.01						
10/9/2017	<0.01	<0.01					
10/10/2017			<0.01	0.0096 (J)	<0.01	<0.01	<0.01
3/22/2018			<0.01		<0.01		<0.01
3/23/2018				<0.01		<0.01	
3/26/2018	<0.01	<0.01					
10/3/2018	<0.01	<0.01	<0.01			<0.01	<0.01
10/4/2018				<0.01			
10/5/2018					<0.01		
3/27/2019	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
9/12/2019	0.0046 (JB)	0.0085 (B)	0.0095 (B)	0.0091 (B)	0.0049 (JB)	0.0048 (JB)	0.0041 (JB)
3/19/2020	<0.01	<0.01	0.0037 (J)	0.0035 (J)		<0.01	<0.01
3/20/2020					<0.01		
9/10/2020	0.0048 (J)	<0.01					<0.01
9/11/2020			0.0098	0.0038 (J)	<0.01	<0.01	
4/2/2021	<0.01	<0.01	0.0058				
4/5/2021				0.0049 (J)	<0.01	<0.01	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.01
8/12/2021	<0.01	<0.01	0.006	<0.01		<0.01	<0.01
8/13/2021					<0.01		
2/14/2022	<0.01		0.003 (J)	<0.01	<0.01	<0.01	<0.01
2/15/2022		0.003 (J)					
8/26/2022	<0.01	<0.01					
8/30/2022							<0.01
8/31/2022			0.0051	0.0032 (J)	<0.01	0.0039 (J)	
2/28/2023	<0.01	<0.01	0.0062 (JB)	<0.01	<0.01	<0.01	
3/1/2023							<0.01
8/2/2023	<0.01						
8/3/2023		<0.01	0.0051	0.0037 (J)	<0.01	<0.01	<0.01
2/29/2024	<0.01						
3/4/2024		0.0059	0.0035 (J)	<0.01	<0.01	<0.01	<0.01
8/6/2024	<0.01						
8/8/2024		<0.01	0.0046 (J)	0.003 (J)	<0.01	<0.01	
8/9/2024							<0.01
2/25/2025	0.0028 (J)	0.0076					
2/26/2025			0.0055	0.0035 (J)	<0.01	0.0044 (J)	<0.01
7/28/2025	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
7/30/2025				<0.01			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0095 (J)
12/21/2010				<0.01	
12/22/2010	<0.01	<0.01	<0.01		
2/14/2011					0.0092 (J)
2/15/2011	<0.01	<0.01	<0.01	<0.01	
3/21/2011				<0.01	0.011 (J)
3/22/2011	<0.01	<0.01	<0.01		
4/27/2011	<0.01	<0.01	<0.01		0.0096 (I)
4/28/2011				<0.01	
10/26/2011	<0.01	<0.01	<0.01	<0.01	0.011 (J)
5/1/2012				<0.01	0.012 (I)
5/2/2012	<0.01	<0.01	<0.01		
11/8/2012	<0.01	<0.01	<0.01		
11/9/2012				<0.01	0.014 (J)
5/8/2013	<0.01	<0.01	<0.01	<0.01	0.016 (J)
11/4/2013	<0.01	<0.01	<0.01	<0.01	0.014 (J)
5/24/2014	<0.01	<0.01	<0.01	<0.01	0.013 (J)
11/7/2014	<0.01		<0.01	<0.01	0.014 (J)
11/8/2014		<0.01			
5/20/2015					0.015 (J)
5/22/2015	<0.01	<0.01	<0.01	<0.01	
11/13/2015	<0.01	<0.01	<0.01	<0.01	0.015 (J)
4/8/2016					0.0136
4/11/2016	<0.01	<0.01	0.00333 (J)	<0.01	
10/11/2016	<0.01	<0.01			
10/13/2016			<0.01	<0.01	0.015 (J)
4/7/2017		<0.01			
4/10/2017	<0.01		<0.01		
4/11/2017				0.0065 (J)	0.015 (J)
10/10/2017	<0.01	<0.01			
10/11/2017			<0.01	<0.01	0.019 (J)
3/23/2018		<0.01			
3/26/2018	<0.01		<0.01	<0.01	0.016 (J)
10/4/2018	<0.01	0.0076 (J)	<0.01	<0.01	0.017 (J)
3/27/2019			<0.01		
3/28/2019	<0.01	<0.01		<0.01	0.013 (J)
9/12/2019	0.0058 (B)	0.0057 (B)	0.0042 (JB)	0.0073 (B)	0.02 (B)
3/19/2020	<0.01	0.0037 (J)	<0.01	<0.01	0.014
9/10/2020	<0.01	<0.01			
9/11/2020			<0.01	<0.01	0.014
4/5/2021			<0.01	<0.01	
4/6/2021	<0.01	<0.01			0.014
8/13/2021	<0.01	0.0053	<0.01		0.017
8/17/2021				<0.01	
2/14/2022	<0.01	<0.01		<0.01	0.014
2/15/2022			<0.01		
8/31/2022	<0.01	<0.01	<0.01	<0.01	0.015
2/28/2023			<0.01		0.014 (JB)
3/1/2023	<0.01	0.016 (o)		<0.01	
5/2/2023		<0.01			
8/3/2023	<0.01	0.0033 (J)	0.0035 (J)	<0.01	0.015
3/4/2024	<0.01	<0.01	<0.01	<0.01	0.013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/8/2024	<0.01	<0.01	<0.01	<0.01	0.015
2/25/2025					0.018
2/26/2025	<0.01	<0.01	0.004 (J)	<0.01	
7/25/2025			<0.01		
7/28/2025	<0.01	<0.01		<0.01	0.016

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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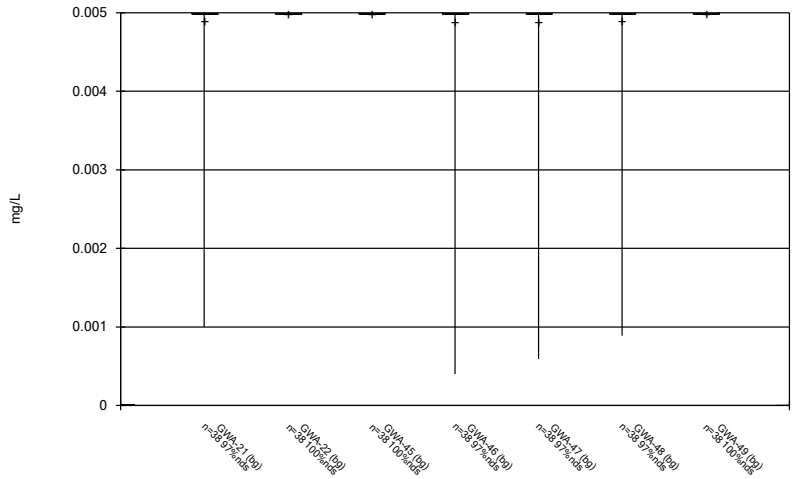
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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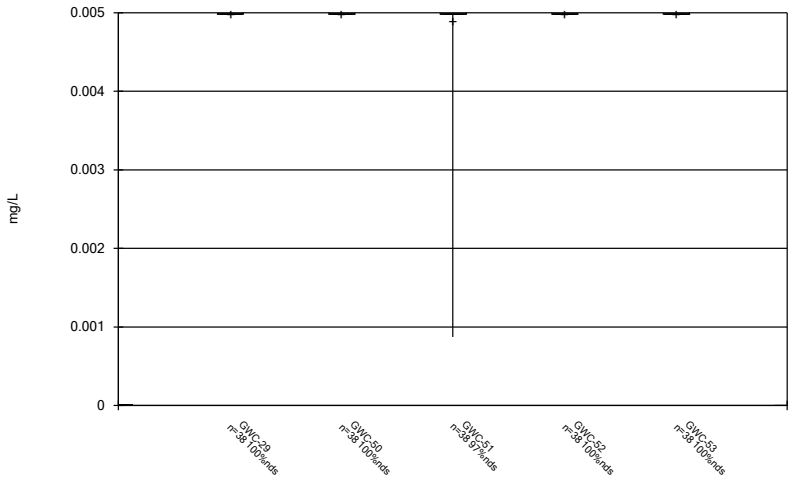
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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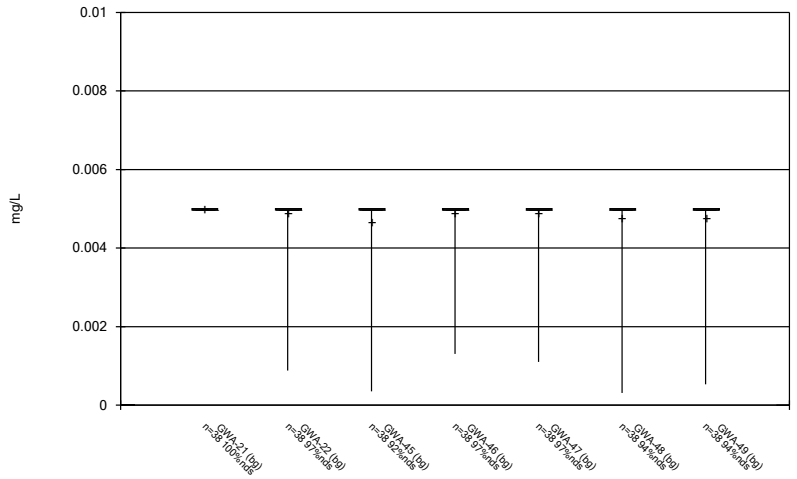
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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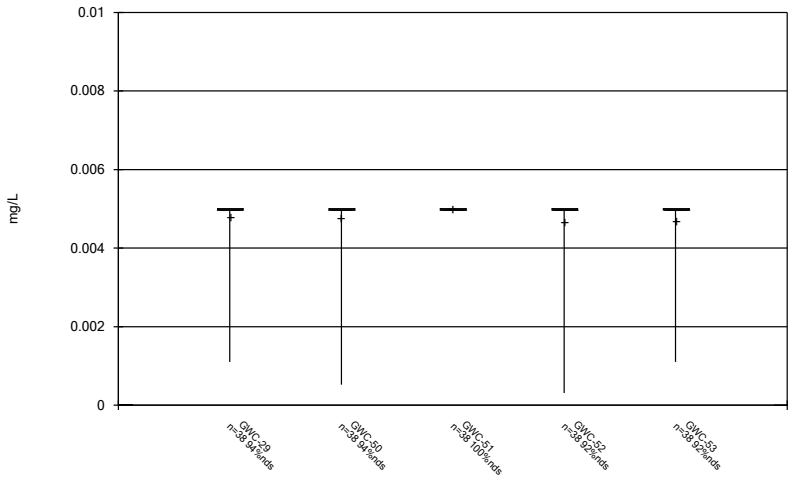
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/10/2025 8:38 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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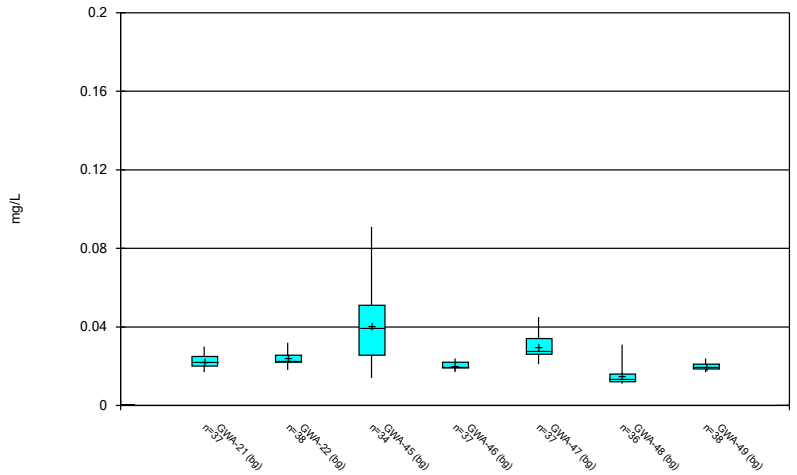
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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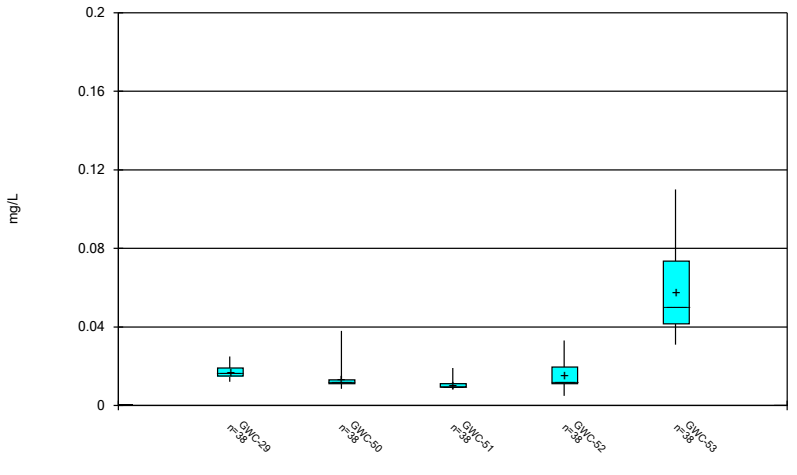
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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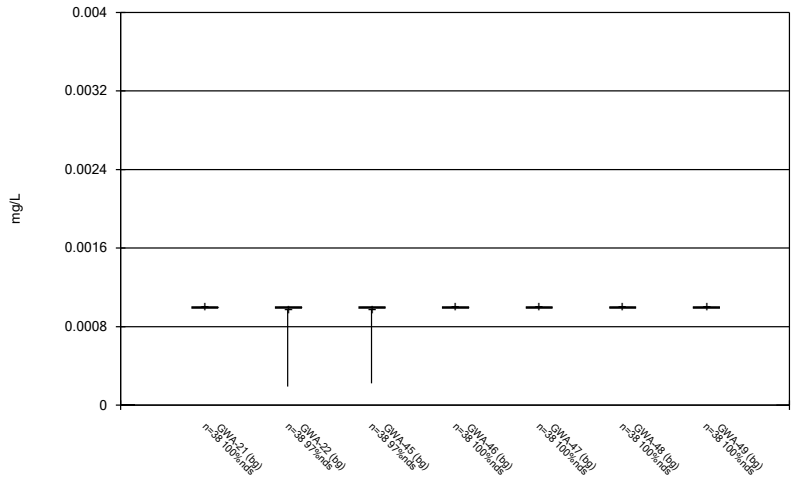
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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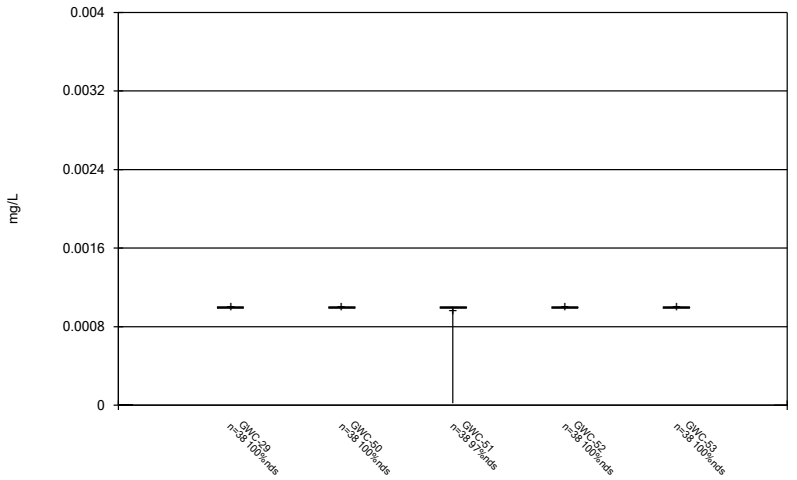
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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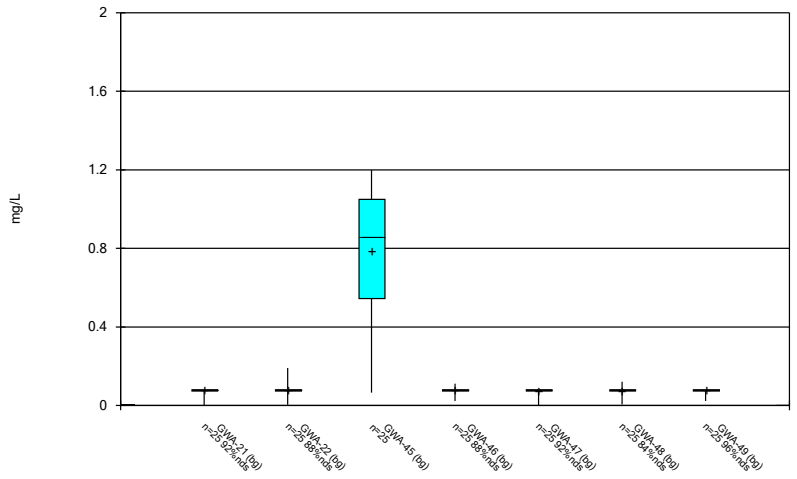
Box & Whiskers Plot



Constituent: Boron Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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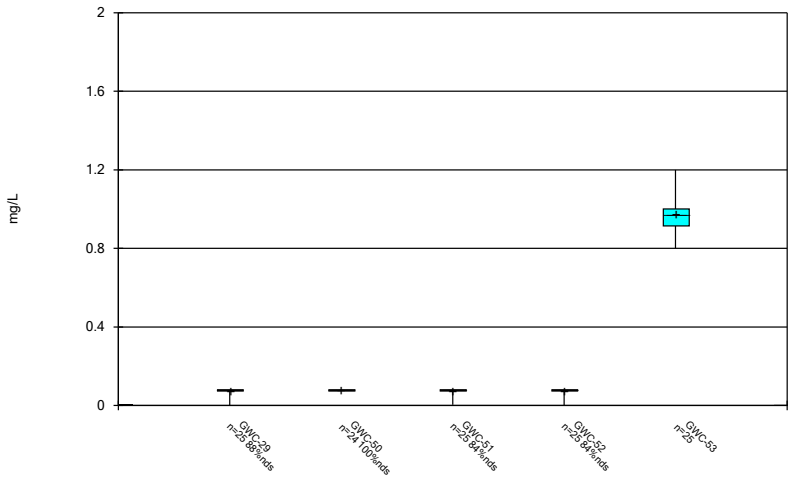
Box & Whiskers Plot



Constituent: Boron Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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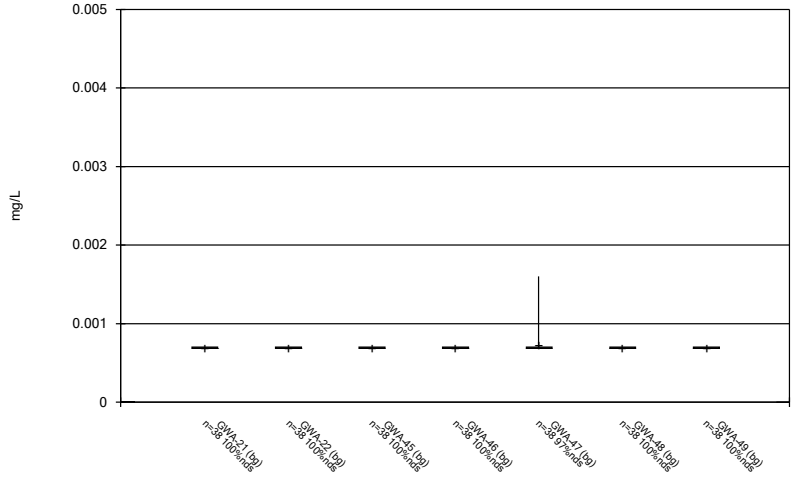
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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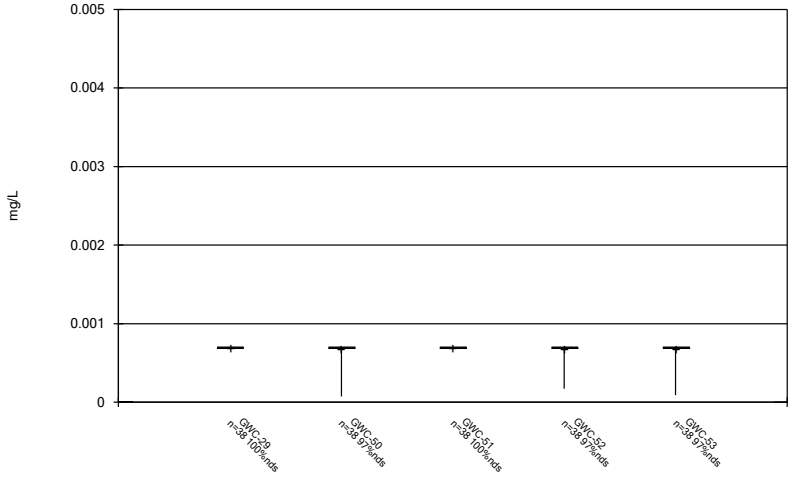
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

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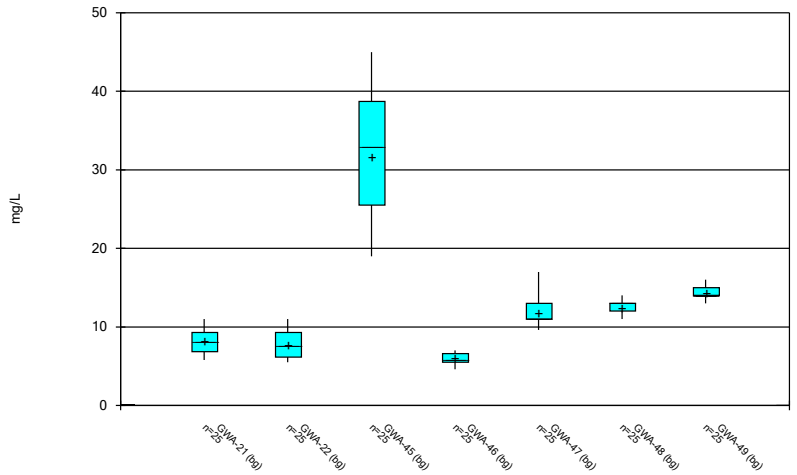
Box & Whiskers Plot



Constituent: Calcium Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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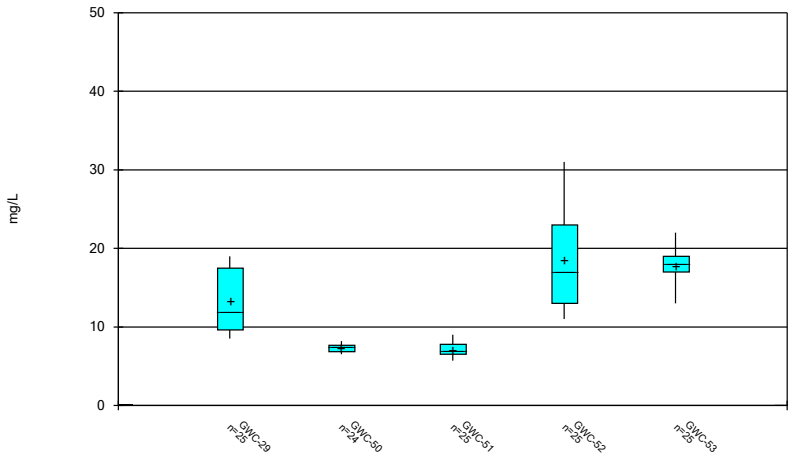
Box & Whiskers Plot



Constituent: Calcium Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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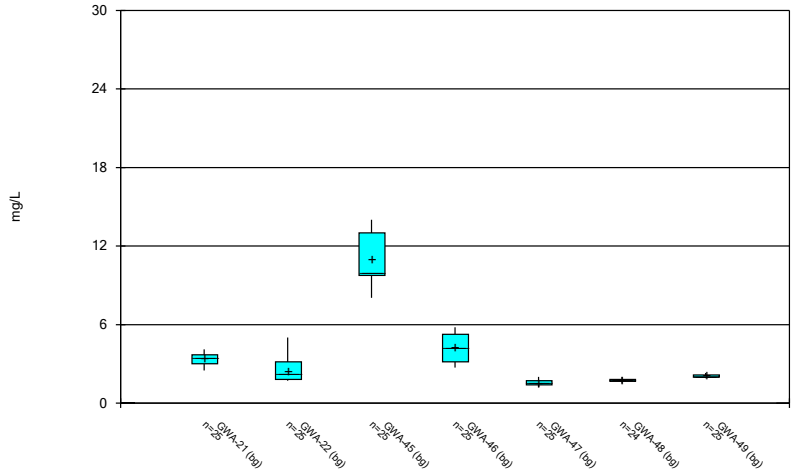
Box & Whiskers Plot



Constituent: Chloride Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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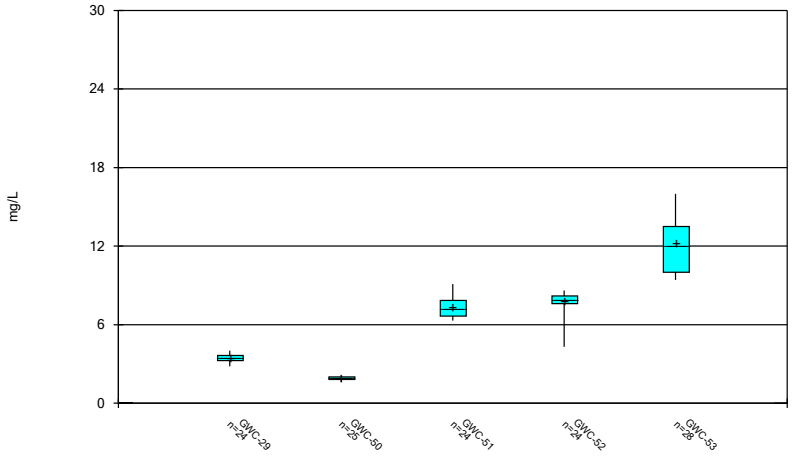
Box & Whiskers Plot



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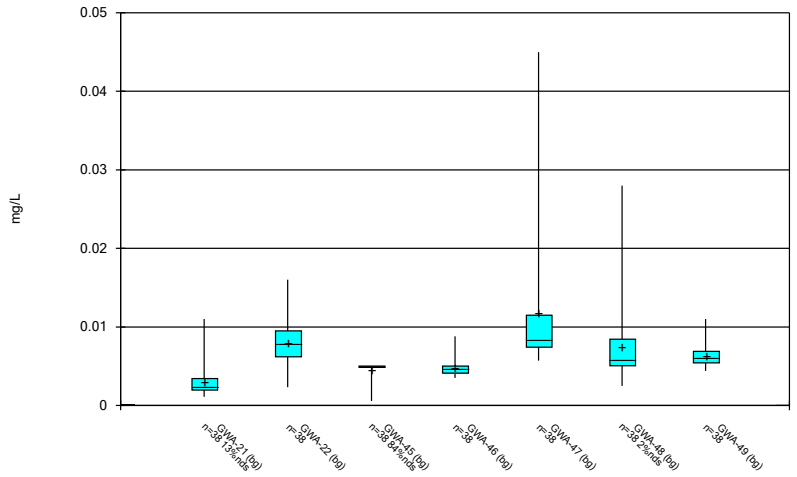
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chromium Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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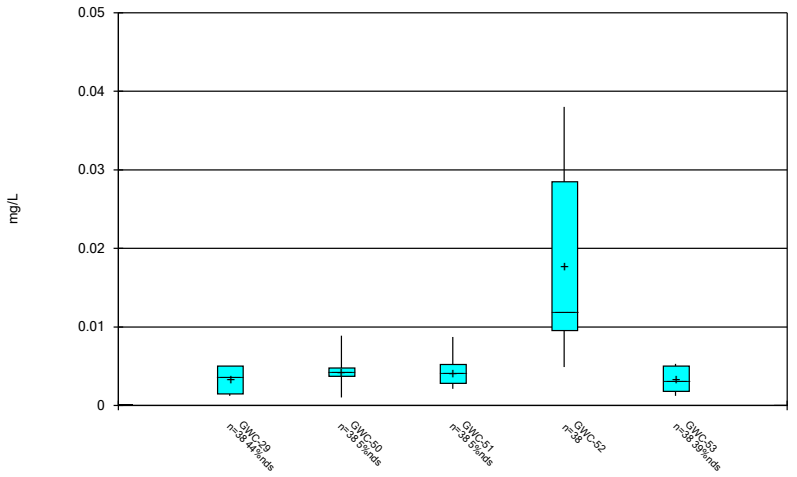
Box & Whiskers Plot



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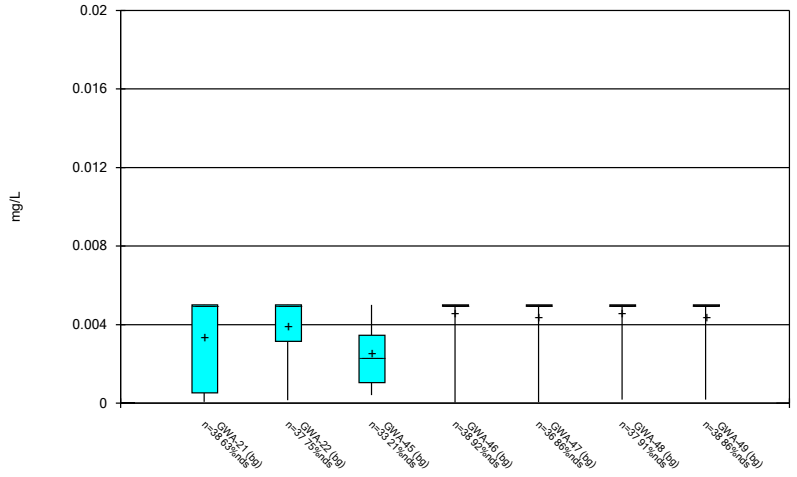
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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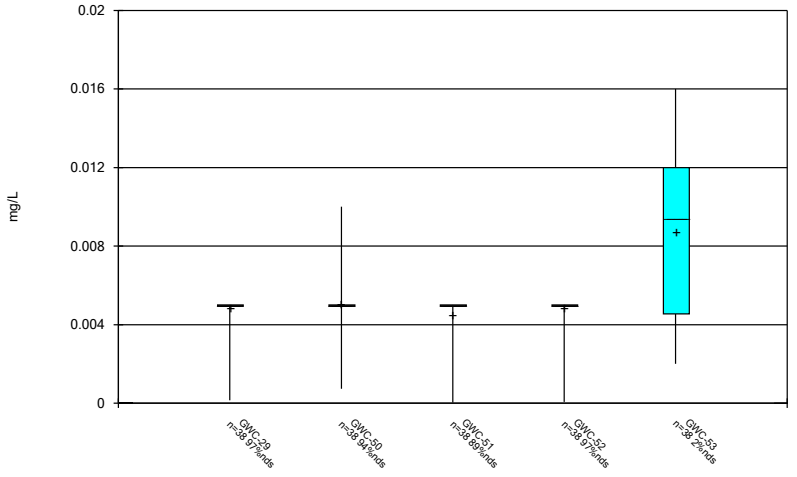
Box & Whiskers Plot



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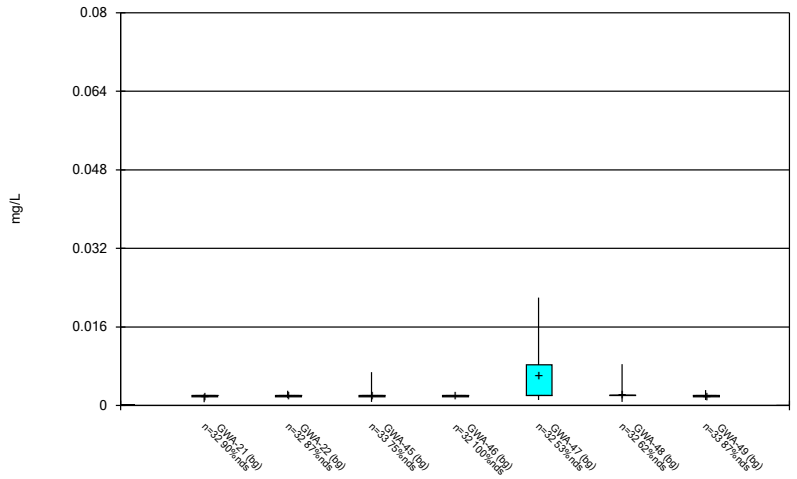
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

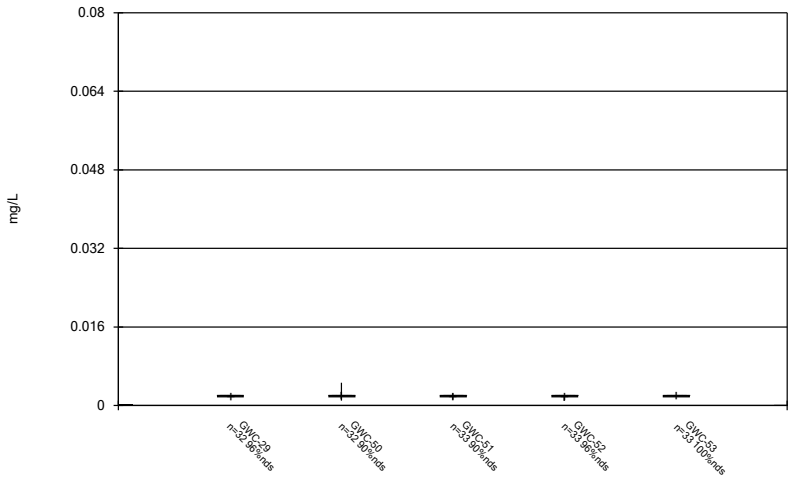


Constituent: Copper Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

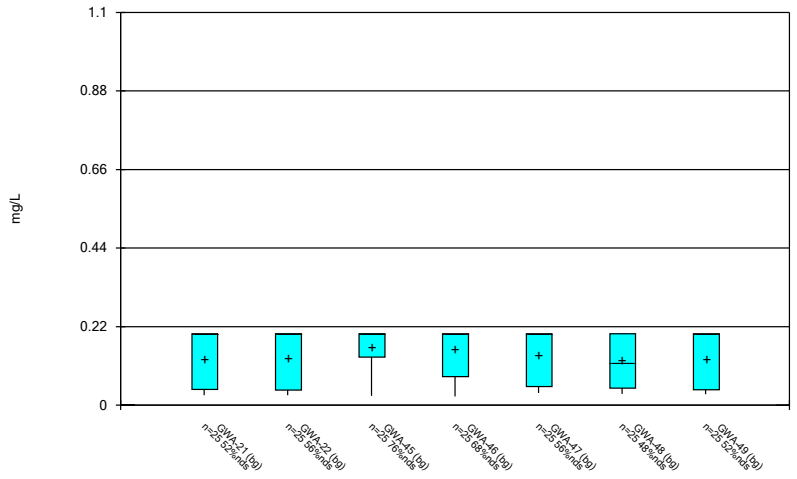


Constituent: Copper Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

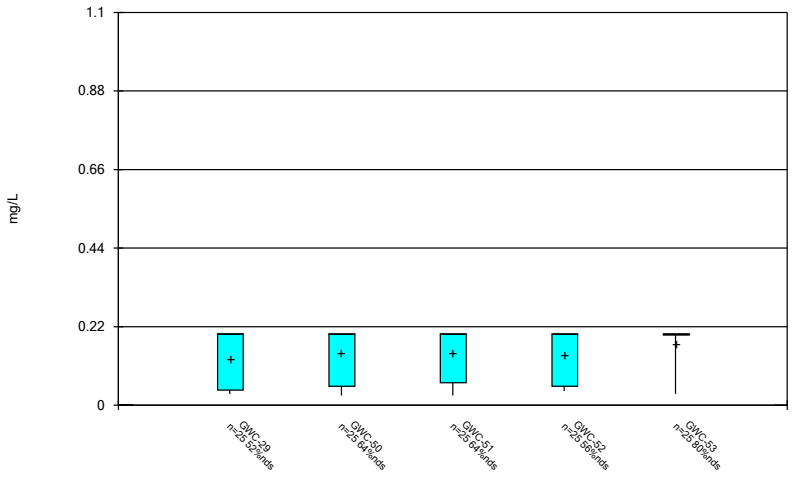


Constituent: Fluoride Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

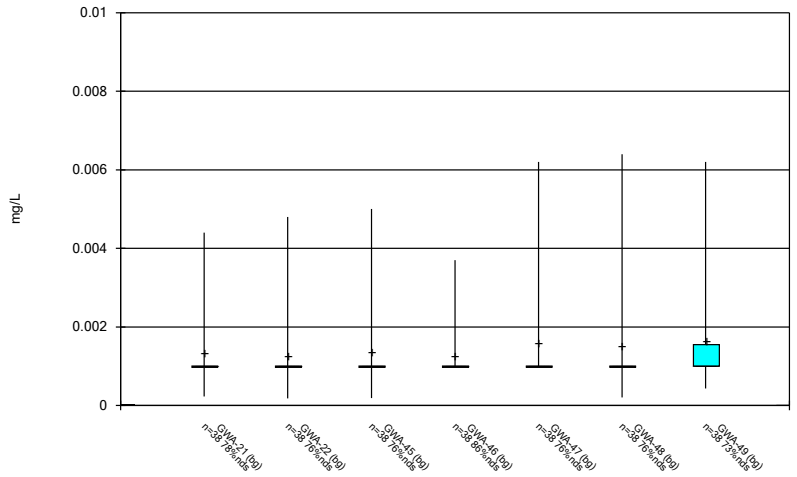


Constituent: Fluoride Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

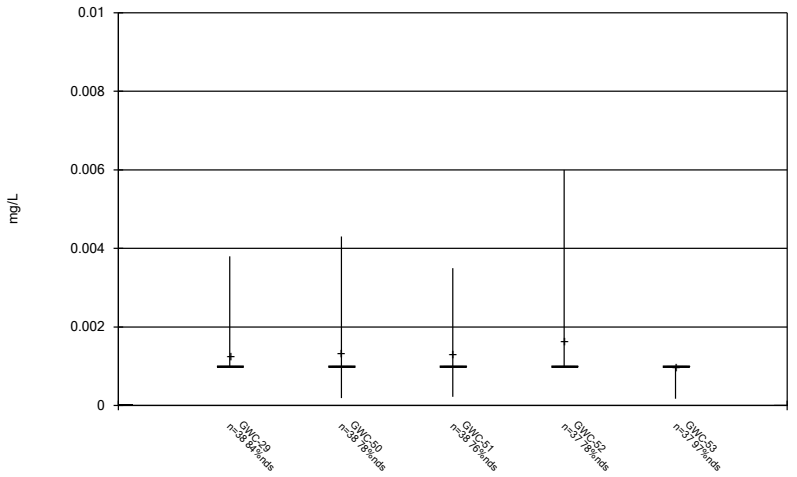


Constituent: Lead Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

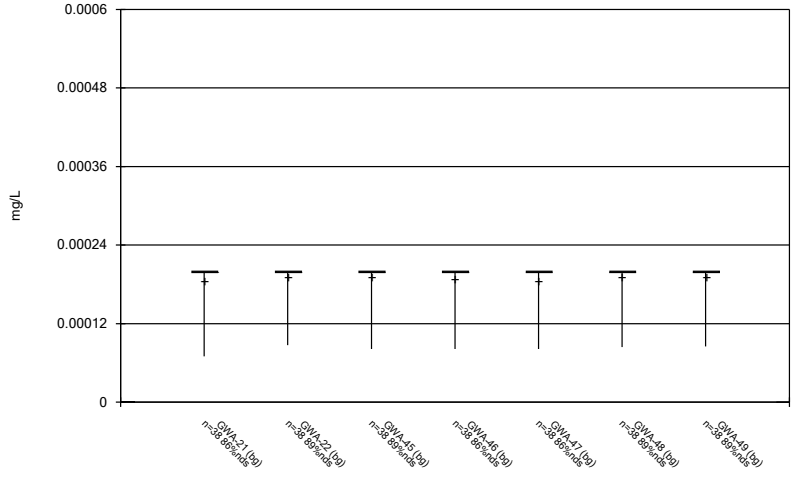


Constituent: Lead Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

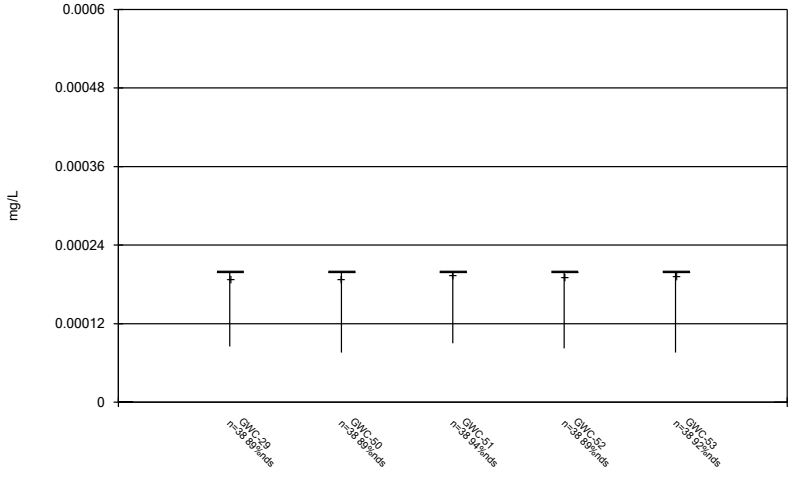


Constituent: Mercury Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

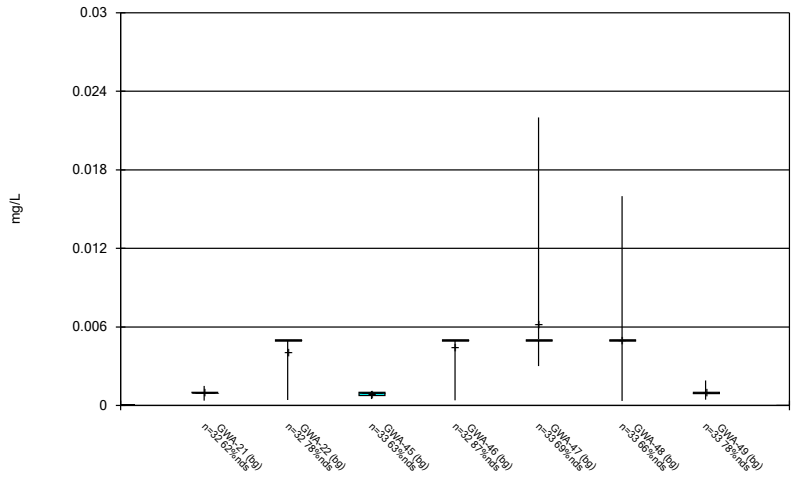


Constituent: Mercury Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

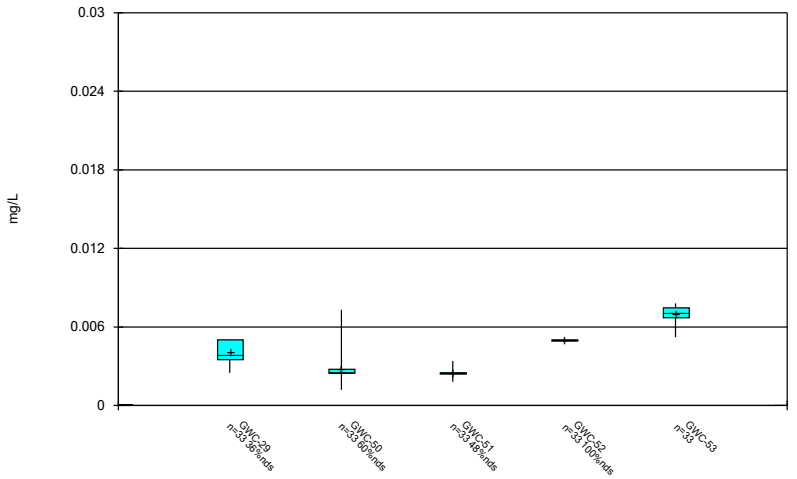


Constituent: Nickel Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

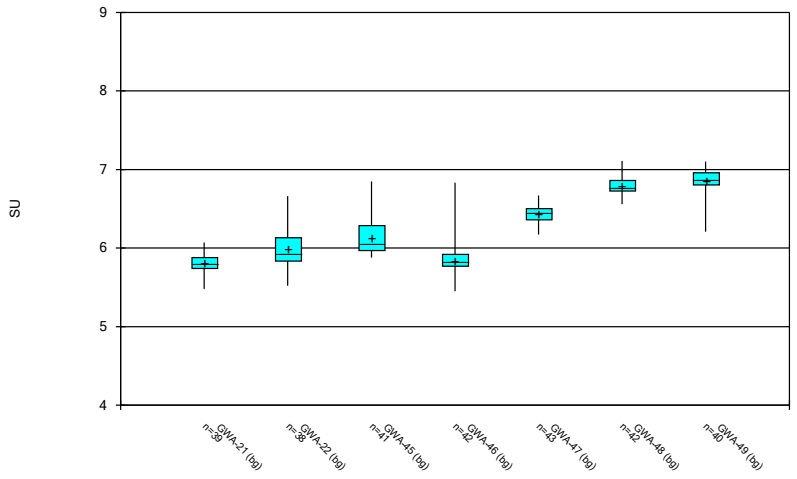


Constituent: Nickel Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

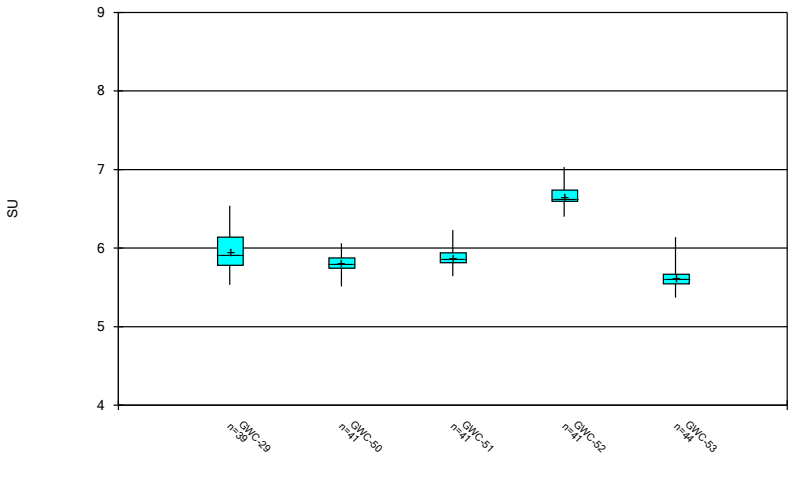


Constituent: pH, Field Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

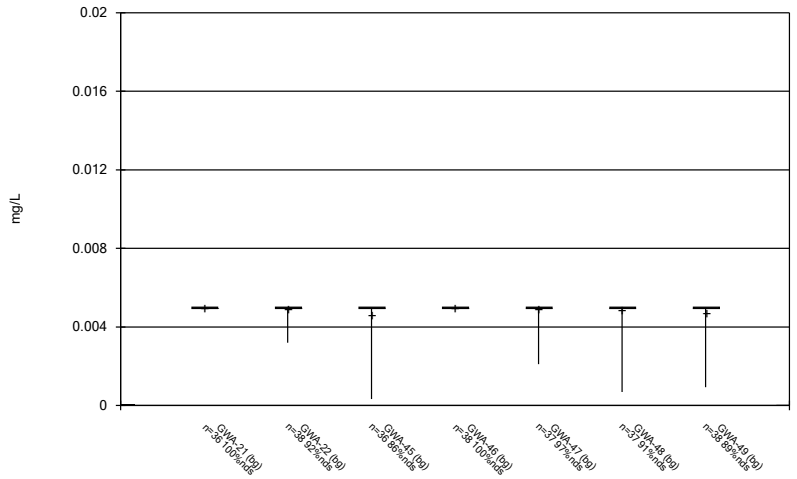


Constituent: pH, Field Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

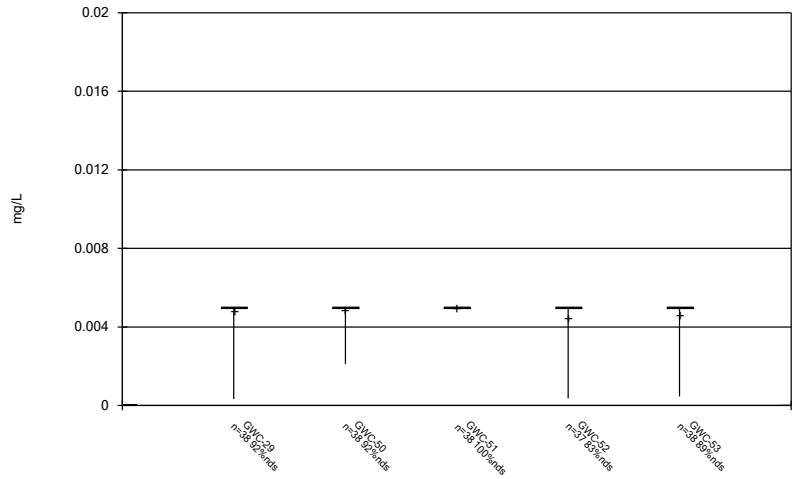
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

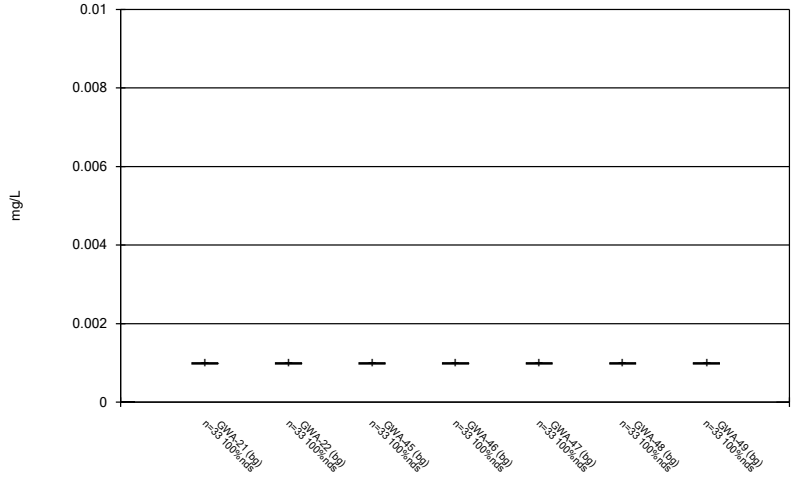
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

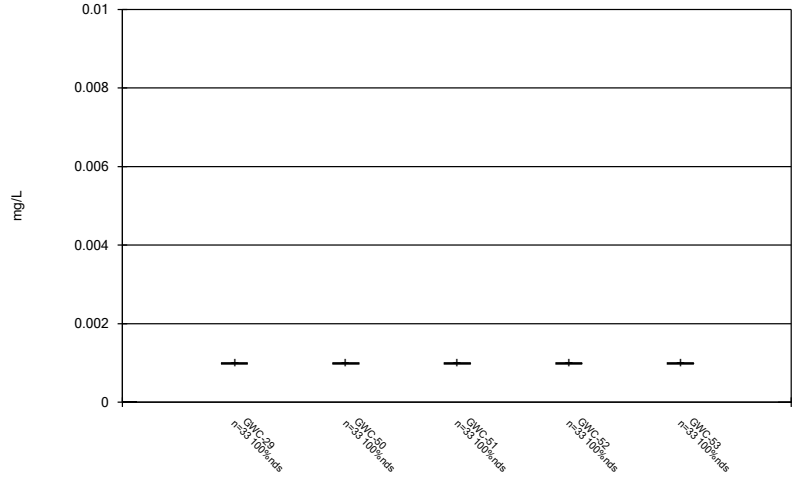
Box & Whiskers Plot



Constituent: Silver Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

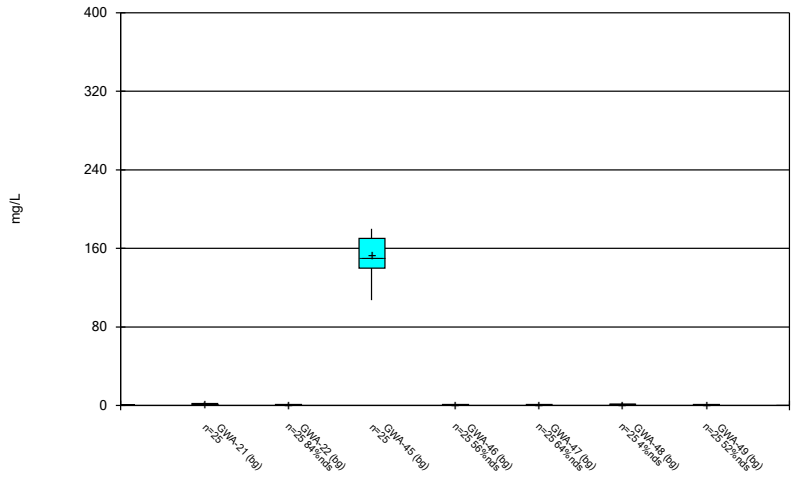
Box & Whiskers Plot



Constituent: Silver Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

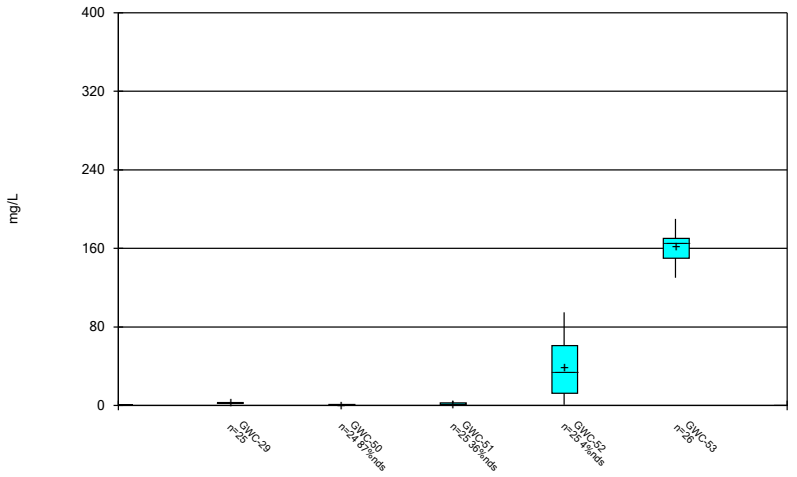


Constituent: Sulfate Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

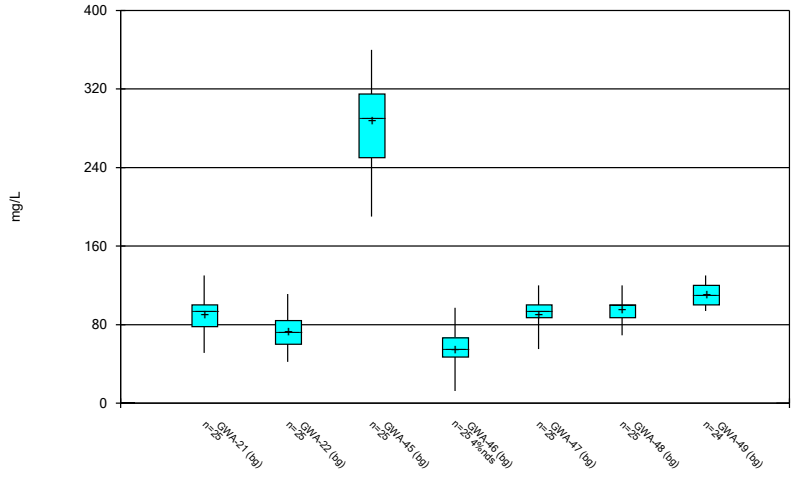


Constituent: Sulfate Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

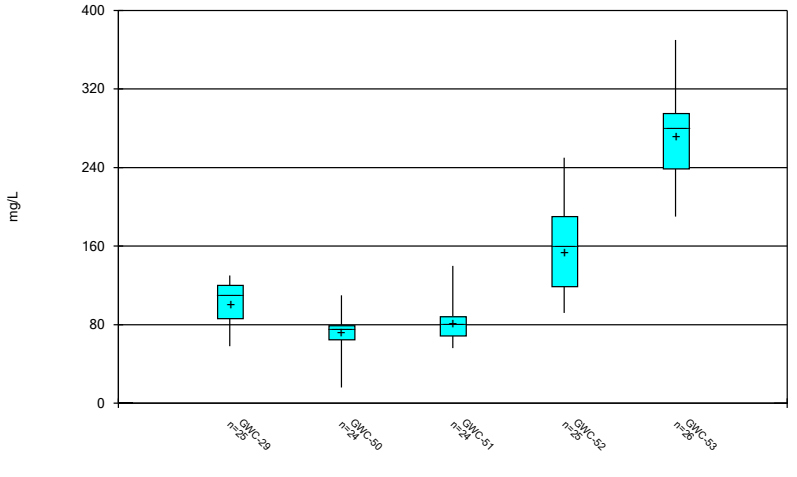


Constituent: TDS Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

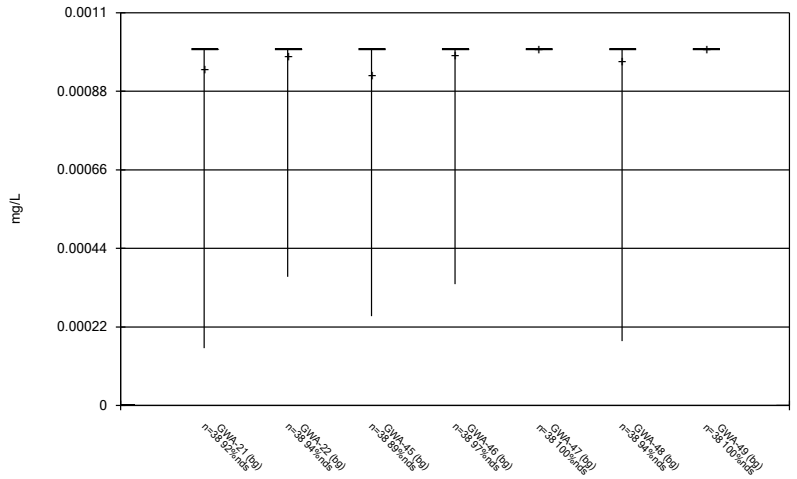


Constituent: TDS Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

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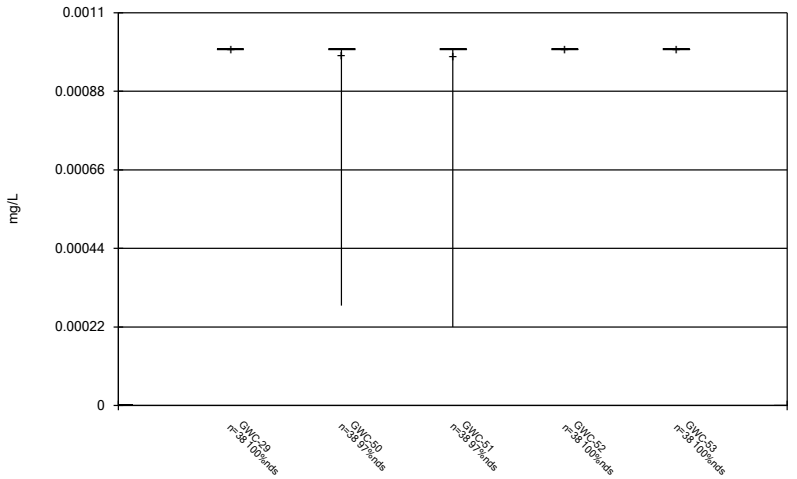
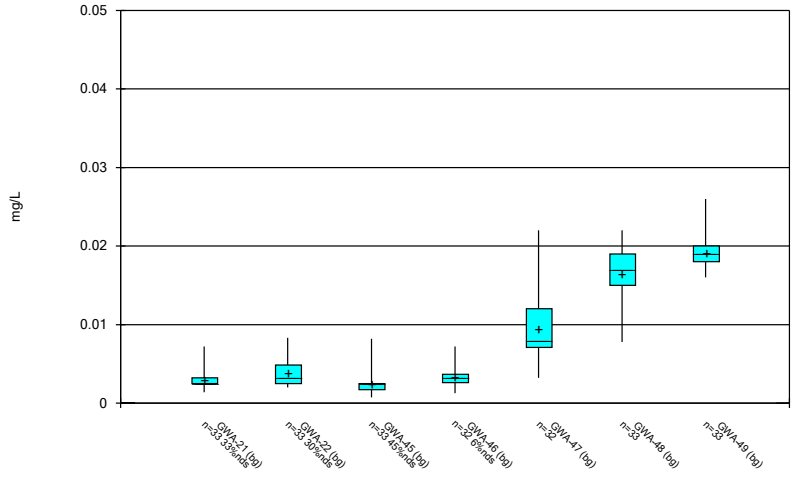
Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

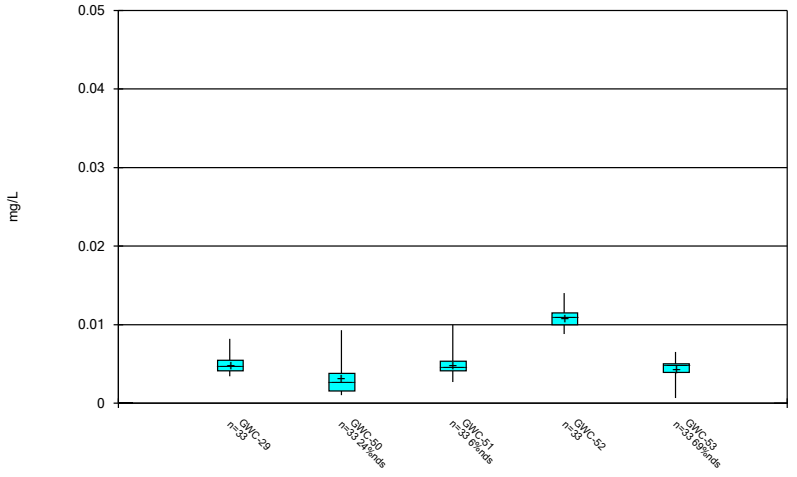
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

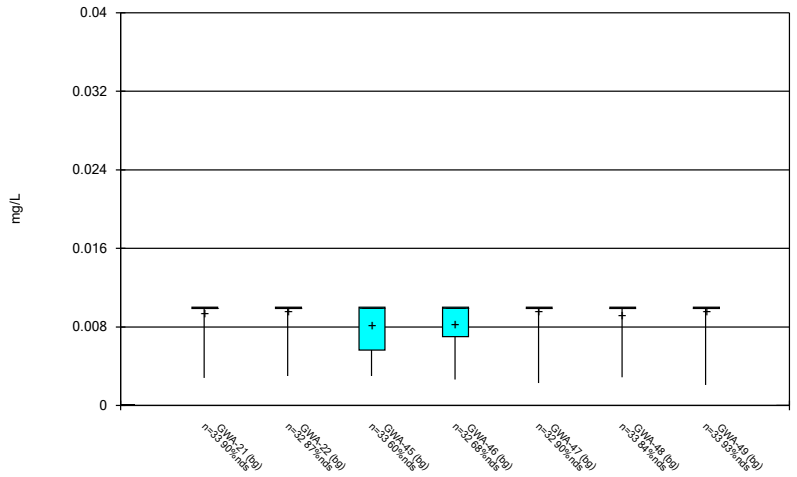
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 12/10/2025 8:39 PM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

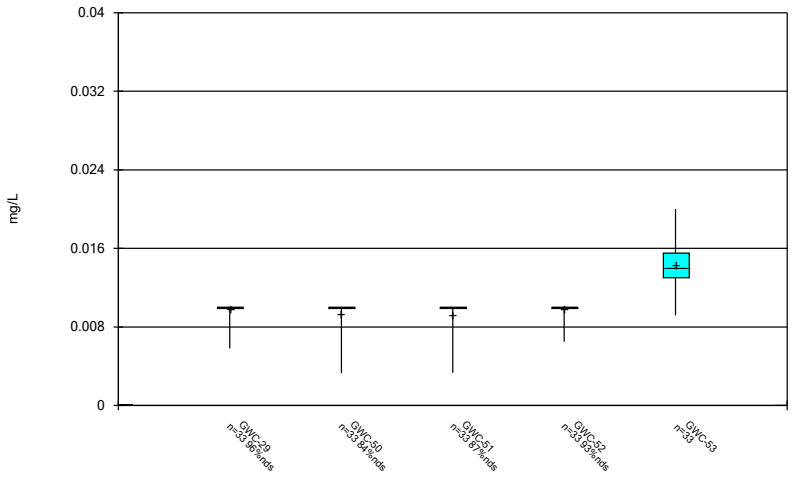


Constituent: Zinc Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 12/10/2025 8:39 PM

Plant Scherer Client: Southern Company Data: Scherer PAC

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 11:58 AM

	GWA-21 Barium (mg/L)	GWA-45 Barium (mg/L)	GWA-46 Barium (mg/L)	GWA-47 Barium (mg/L)	GWA-48 Barium (mg/L)	GWC-50 Boron (mg/L)	GWC-50 Calcium (mg/L)	GWA-45 Chloride (mg/L)	GWA-48 Chloride (mg/L)	GWC-29 Chloride (mg/L)
12/20/2010										
12/21/2010					0.055 (JO)					
12/22/2010										
2/14/2011					0.05 (JO)					
3/21/2011										
4/26/2011										
10/26/2011										
5/1/2012										
11/8/2012			0.048 (O)							
11/4/2013										
11/5/2013										
5/23/2014				0.088 (O)						
5/20/2015										
5/21/2015										
5/22/2015										
5/25/2015										
11/13/2015										
4/11/2016										1.57 (O)
6/14/2016										
12/19/2016									2.7 (O)	
2/13/2017										
10/9/2017										
3/26/2018										
10/3/2018	0.022 (O)									
9/12/2019		0.1 (O)								
12/2/2019		0.11 (O)								
3/19/2020		0.11 (O)								
9/11/2020		0.15 (O)								
4/2/2021		0.11 (O)								
3/1/2023						0.95 (o)	20 (o)			
8/8/2024								27 (o)		

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 11:58 AM

	GWC-50 Chloride (mg/L)	GWC-51 Chloride (mg/L)	GWC-52 Chloride (mg/L)	GWC-53 Chloride (mg/L)	GWA-22 Cobalt (mg/L)	GWA-45 Cobalt (mg/L)	GWA-47 Cobalt (mg/L)	GWA-48 Cobalt (mg/L)	GWA-21 Copper (mg/L)	GWA-22 Copper (mg/L)
12/20/2010						0.012 (o)	0.0033 (JO)			
12/21/2010										
12/22/2010					0.0038 (JO)					
2/14/2011						0.0093 (Jo)				
3/21/2011						0.0076 (Jo)				
4/26/2011						0.0058 (Io)				
10/26/2011						0.005 (Jo)				
5/1/2012								0.0039 (O)		
11/8/2012										
11/4/2013										
11/5/2013										
5/23/2014							0.0048 (JO)			
5/20/2015										
5/21/2015									0.0028 (JO)	
5/22/2015										
5/25/2015										
11/13/2015										0.078 (O)
4/11/2016		2.09 (O)	<0.25 (O)							
6/14/2016										
12/19/2016										
2/13/2017										
10/9/2017										
3/26/2018										
10/3/2018										
9/12/2019										
12/2/2019										
3/19/2020										
9/11/2020										
4/2/2021										
3/1/2023	14 (o)									
8/8/2024				29 (o)						

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 11:58 AM

	GWA-46 Copper (mg/L)	GWA-47 Copper (mg/L)	GWA-48 Copper (mg/L)	GWC-29 Copper (mg/L)	GWC-50 Copper (mg/L)	GWC-52 Lead (mg/L)	GWC-53 Lead (mg/L)	GWA-21 Nickel (mg/L)	GWA-22 Nickel (mg/L)	GWA-46 Nickel (mg/L)
12/20/2010										
12/21/2010										
12/22/2010									0.003 (JO)	
2/14/2011			0.013 (O)							
3/21/2011										
4/26/2011										
10/26/2011										
5/1/2012										
11/8/2012	0.021 (O)									0.0035 (JO)
11/4/2013										
11/5/2013										
5/23/2014		0.06 (O)								
5/20/2015							0.0026 (JO)			
5/21/2015										
5/22/2015				0.0031 (JO)	0.0031 (JO)					
5/25/2015										
11/13/2015										
4/11/2016										
6/14/2016										
12/19/2016										
2/13/2017										
10/9/2017								0.0024 (JO)		
3/26/2018						0.0034 (O)				
10/3/2018										
9/12/2019										
12/2/2019										
3/19/2020										
9/11/2020										
4/2/2021										
3/1/2023										
8/8/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 11:58 AM

	GWC-51 pH, Field (SU)	GWC-52 pH, Field (SU)	GWA-21 Selenium (mg/L)	GWA-45 Selenium (mg/L)	GWA-47 Selenium (mg/L)	GWA-48 Selenium (mg/L)	GWC-52 Selenium (mg/L)	GWA-45 Sulfate (mg/L)	GWC-50 Sulfate (mg/L)	GWC-53 Sulfate (mg/L)
12/20/2010										
12/21/2010										
12/22/2010										
2/14/2011										
3/21/2011										
4/26/2011										
10/26/2011										
5/1/2012										
11/8/2012										
11/4/2013			0.0061 (JO)							
11/5/2013					0.0064 (JO)					
5/23/2014										
5/20/2015				0.0093 (JO)						
5/21/2015			0.0072 (JO)			0.0077 (JO)				
5/22/2015							0.0067 (JO)			
5/25/2015	8.36 (O)	7.63 (O)								
11/13/2015				0.0061 (JO)						
4/11/2016										
6/14/2016										
12/19/2016										
2/13/2017										
10/9/2017										
3/26/2018										
10/3/2018										
9/12/2019										
12/2/2019										
3/19/2020										
9/11/2020										
4/2/2021										
3/1/2023									170 (o)	
8/8/2024								300 (o)		340 (o)

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 11:58 AM

	GWA-49 TDS (mg/L)	GWC-50 TDS (mg/L)	GWC-51 TDS (mg/L)	GWA-46 Vanadium (mg/L)	GWA-47 Vanadium (mg/L)	GWA-22 Zinc (mg/L)	GWA-46 Zinc (mg/L)	GWA-47 Zinc (mg/L)	GWC-50 Zinc (mg/L)
12/20/2010									
12/21/2010									
12/22/2010									
2/14/2011									
3/21/2011									
4/26/2011									
10/26/2011									
5/1/2012									
11/8/2012				0.02 (O)			0.013 (JO)		
11/4/2013									
11/5/2013									
5/23/2014					0.041 (O)			0.014 (JO)	
5/20/2015									
5/21/2015									
5/22/2015									
5/25/2015									
11/13/2015						0.039 (O)			
4/11/2016									
6/14/2016	56 (O)								
12/19/2016									
2/13/2017			12 (O)						
10/9/2017									
3/26/2018									
10/3/2018									
9/12/2019									
12/2/2019									
3/19/2020									
9/11/2020									
4/2/2021									
3/1/2023		290 (o)							0.016 (o)
8/8/2024									

FIGURE D.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/15/2025, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**7/28/2025**	**0.028**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWA-22**	**0.01313**	**n/a**	**7/28/2025**	**0.016**	**Yes**	**36**	**0.007652**	**0.002586**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**7/25/2025**	**0.0073**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**7/28/2025**	**0.027**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/15/2025, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-21	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-46	0.005	n/a	7/30/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-47	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-48	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-51	0.005	n/a	7/25/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-22	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-45	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-46	0.005	n/a	7/30/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-47	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-48	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-49	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-50	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-52	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-53	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-21	0.02877	n/a	7/28/2025	0.017	No	35	0.02245	0.002972	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-22	0.03038	n/a	7/28/2025	0.02	No	36	0.02404	0.002991	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-45	0.07871	n/a	7/28/2025	0.045	No	32	0.03994	0.01806	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-46	0.02426	n/a	7/30/2025	0.022	No	35	0.02016	0.001929	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-47	0.04523	n/a	7/28/2025	0.031	No	35	-3.537	0.2074	0	None	ln(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-48	0.031	n/a	7/28/2025	0.013	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-49	0.02293	n/a	7/28/2025	0.02	No	36	0.01964	0.001553	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-29	0.02326	n/a	7/28/2025	0.019	No	36	0.1305	0.01039	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-50	0.038	n/a	7/28/2025	0.013	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-51	0.019	n/a	7/25/2025	0.011	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**7/28/2025**	**0.028**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-53	0.05299	n/a	7/28/2025	0.031	No	14	0.04086	0.004802	0	None	No	0.0007022	Param Intra 1 of 2
Beryllium (mg/L)	GWA-22	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-45	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-51	0.001	n/a	7/25/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-47	0.0016	n/a	7/28/2025	0.0007ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-50	0.0007	n/a	7/28/2025	0.0007ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-52	0.0007	n/a	7/28/2025	0.0007ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-53	0.0007	n/a	7/28/2025	0.0007ND	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-21	0.007845	n/a	7/28/2025	0.0025ND	No	36	-5.916	0.5037	8.333	None	ln(x)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	**GWA-22**	**0.01313**	**n/a**	**7/28/2025**	**0.016**	**Yes**	**36**	**0.007652**	**0.002586**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	GWA-45	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-46	0.0088	n/a	7/30/2025	0.0044J	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-47	0.045	n/a	7/28/2025	0.009	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-48	0.028	n/a	7/28/2025	0.0057	No	36	n/a	n/a	2.778	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-49	0.009266	n/a	7/28/2025	0.0062	No	36	0.1838	0.0124	0	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-50	0.0089	n/a	7/28/2025	0.0037J	No	36	n/a	n/a	5.556	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**7/25/2025**	**0.0073**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**7/28/2025**	**0.027**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	GWC-53	0.0053	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	36.11	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-21	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	63.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-22	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-45	0.004393	n/a	7/28/2025	0.00084J	No	31	0.03981	0.01229	22.58	Kaplan-Meier	sqrt(x)	0.0007022	Param Intra 1 of 2
Cobalt (mg/L)	GWA-46	0.005	n/a	7/30/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-47	0.005	n/a	7/28/2025	0.005ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-48	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-49	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-50	0.01	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-51	0.005	n/a	7/25/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-52	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-53	0.01704	n/a	7/28/2025	0.015	No	36	0.008424	0.004064	2.778	None	No	0.0007022	Param Intra 1 of 2
Copper (mg/L)	GWA-21	0.0023	n/a	7/28/2025	0.0011	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-22	0.003	n/a	7/28/2025	0.0019	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-45	0.0068	n/a	7/28/2025	0.00075	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-47	0.022	n/a	7/28/2025	0.002ND	No	30	n/a	n/a	50	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-48	0.0084	n/a	7/28/2025	0.00069J	No	30	n/a	n/a	63.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-49	0.0031	n/a	7/28/2025	0.0012J	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-29	0.002	n/a	7/28/2025	0.0019	No	30	n/a	n/a	100	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-50	0.0046	n/a	7/28/2025	0.001	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-51	0.0025	n/a	7/25/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-52	0.002	n/a	7/28/2025	0.00088	No	31	n/a	n/a	100	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/15/2025, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWA-21	0.0022	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-22	0.002	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-45	0.0016	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-46	0.001	n/a	7/30/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-47	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-48	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-49	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-29	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-50	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-51	0.0015	n/a	7/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-52	0.001	n/a	7/28/2025	0.001ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-53	0.001	n/a	7/28/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-21	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-22	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-45	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-46	0.0002	n/a	7/30/2025	0.00018J	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-47	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-48	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-49	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-29	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-50	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-51	0.0002	n/a	7/25/2025	0.0002ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-52	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-53	0.0002	n/a	7/28/2025	0.0002ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-21	0.0015	n/a	7/28/2025	0.00086J	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-22	0.005	n/a	7/28/2025	0.005ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-45	0.0011	n/a	7/28/2025	0.00073J	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-46	0.005	n/a	7/30/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-47	0.022	n/a	7/28/2025	0.005ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-48	0.016	n/a	7/28/2025	0.005ND	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-49	0.0019	n/a	7/28/2025	0.00045J	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.004J	No	31	n/a	n/a	38.71	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-50	0.0073	n/a	7/28/2025	0.0045J	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-51	0.0034	n/a	7/25/2025	0.0026	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-53	0.008133	n/a	7/28/2025	0.0075	No	31	0.00004852	0.000081186	0	None	x^2	0.0007022	Param Intra 1 of 2
Selenium (mg/L)	GWA-22	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-45	0.005	n/a	7/28/2025	0.005ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-47	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	97.14	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-48	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-49	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-29	0.005	n/a	7/28/2025	0.003J	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-50	0.005	n/a	7/28/2025	0.0024J	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-52	0.005	n/a	7/28/2025	0.005ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-53	0.005	n/a	7/28/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-21	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-22	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-45	0.001	n/a	7/28/2025	0.00025J	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-46	0.001	n/a	7/30/2025	0.00034J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-48	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-50	0.001	n/a	7/28/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-51	0.001	n/a	7/25/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-21	0.0072	n/a	7/28/2025	0.0034J	No	31	n/a	n/a	35.48	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-22	0.0083	n/a	7/28/2025	0.0054	No	31	n/a	n/a	32.26	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-45	0.0062	n/a	7/28/2025	0.0015J	No	31	n/a	n/a	48.39	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-46	0.006277	n/a	7/30/2025	0.002J	No	30	0.05652	0.01052	6.667	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-47	0.01931	n/a	7/28/2025	0.008	No	30	0.09539	0.02018	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-48	0.022	n/a	7/28/2025	0.018	No	31	0.0002765	0.00009634	0	None	x^2	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-49	0.02234	n/a	7/28/2025	0.02	No	31	0.01881	0.001639	0	None	No	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-29	0.007556	n/a	7/28/2025	0.0059	No	31	0.06977	0.007969	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-50	0.007096	n/a	7/28/2025	0.0043J	No	31	0.05081	0.01553	25.81	Kaplan-Meier	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-51	0.00737	n/a	7/25/2025	0.0044J	No	31	0.004792	0.001198	6.452	None	No	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-52	0.01339	n/a	7/28/2025	0.01	No	31	0.01086	0.001174	0	None	No	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWC-53	0.0065	n/a	7/28/2025	0.005ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-21	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-22	0.01	n/a	7/28/2025	0.01ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-45	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-46	0.01	n/a	7/30/2025	0.01ND	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-47	0.01	n/a	7/28/2025	0.01ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/15/2025, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWA-48	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-49	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-29	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-50	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-51	0.01	n/a	7/25/2025	0.01ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-52	0.01	n/a	7/28/2025	0.01ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-53	0.01939	n/a	7/28/2025	0.016	No	31	0.01409	0.00246	0	None	No	0.0007022	Param Intra 1 of 2

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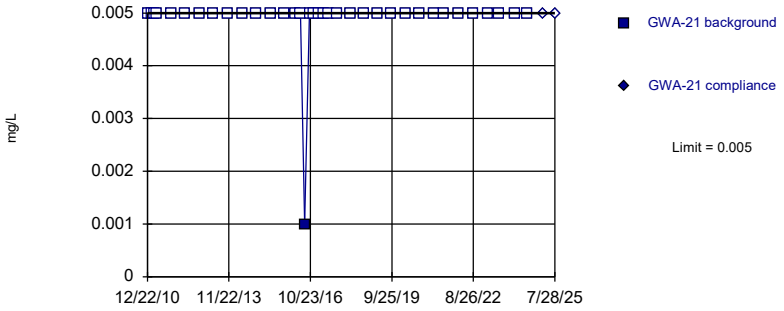
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 9/15/2025 1:57 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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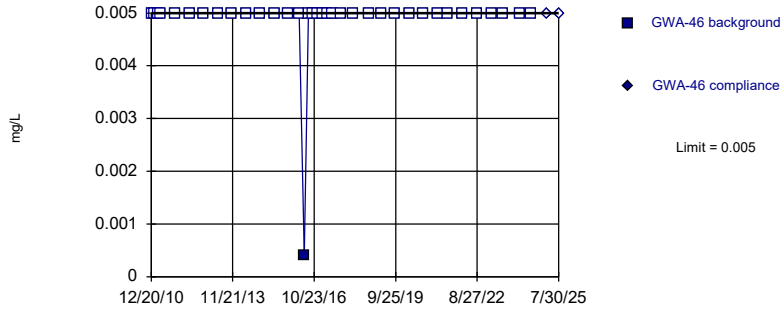
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 9/15/2025 1:57 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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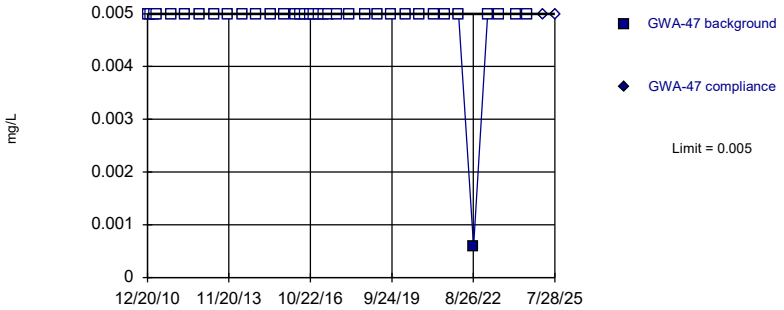
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 9/15/2025 1:57 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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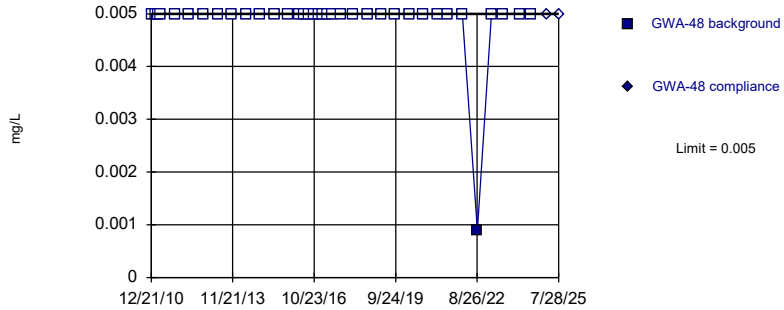
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 9/15/2025 1:57 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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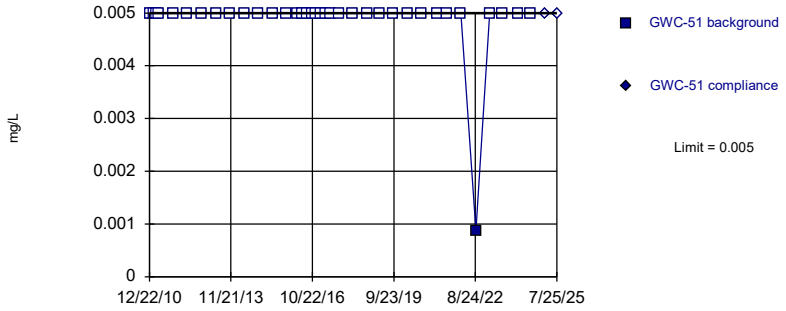
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 9/15/2025 1:57 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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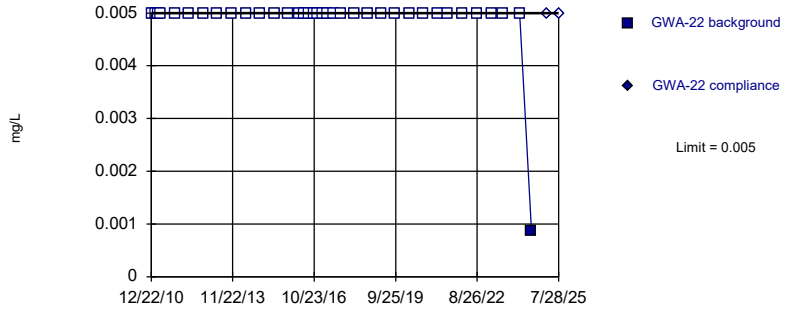
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 9/15/2025 1:57 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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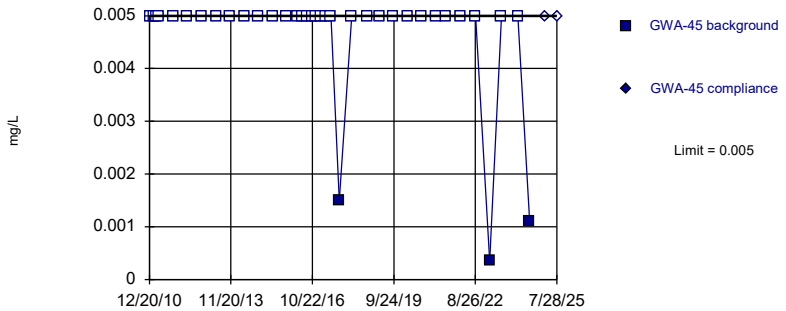
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 9/15/2025 1:57 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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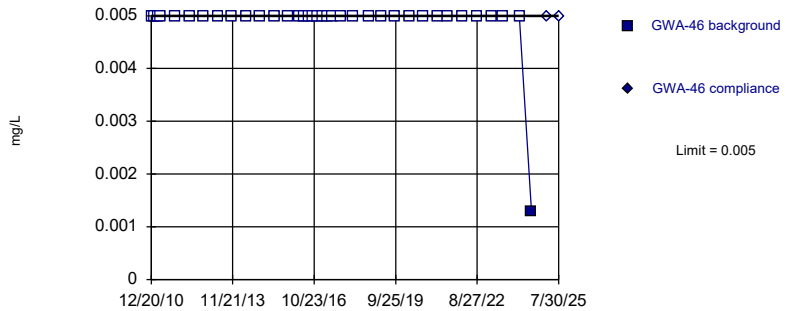
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 9/15/2025 1:57 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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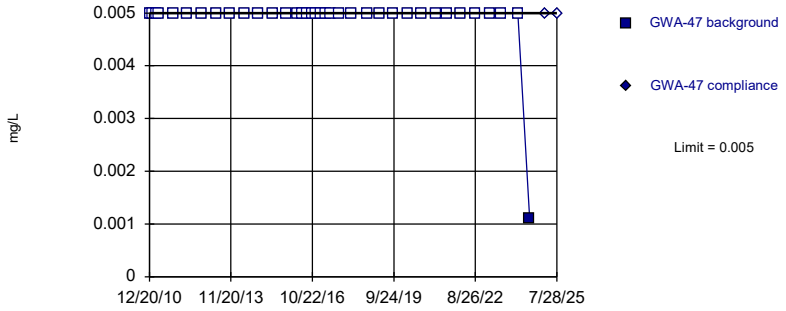
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 9/15/2025 1:57 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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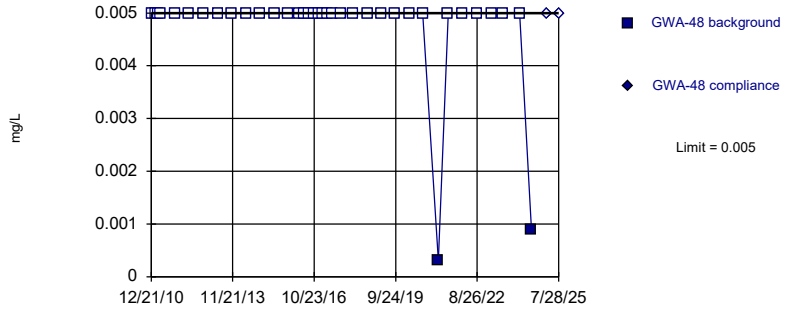
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 9/15/2025 1:57 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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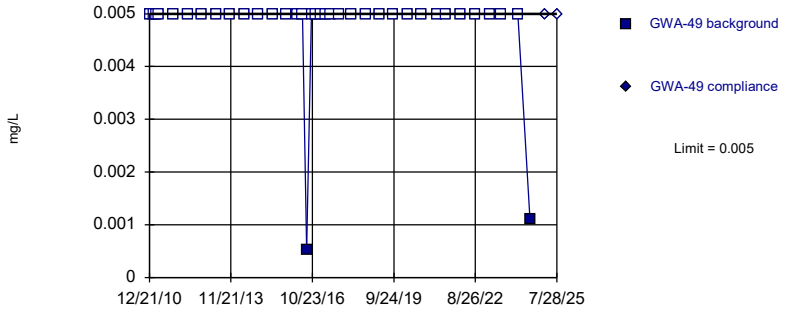
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 9/15/2025 1:57 PM View: Appendix I

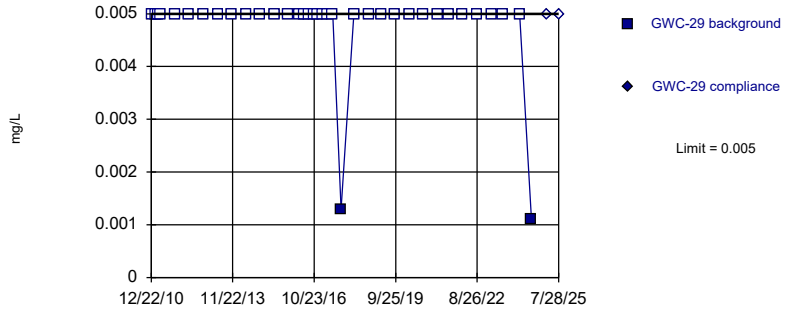
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 9/15/2025 1:57 PM View: Appendix I

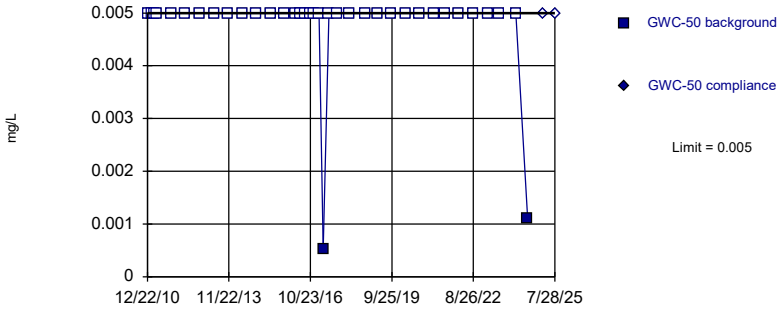
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

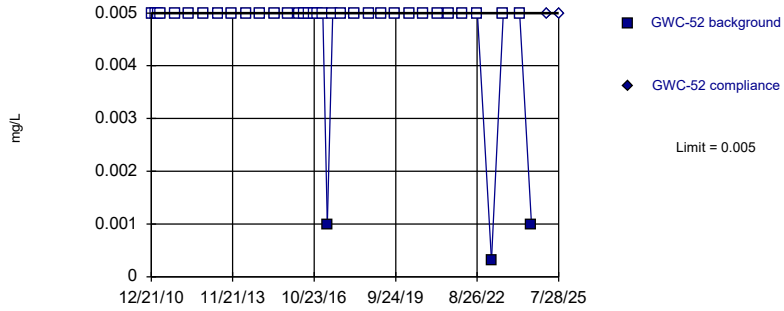
Constituent: Arsenic Analysis Run 9/15/2025 1:57 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

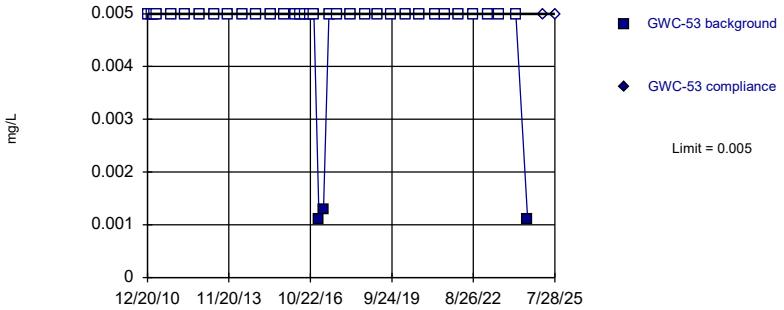
Constituent: Arsenic Analysis Run 9/15/2025 1:57 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Arsenic Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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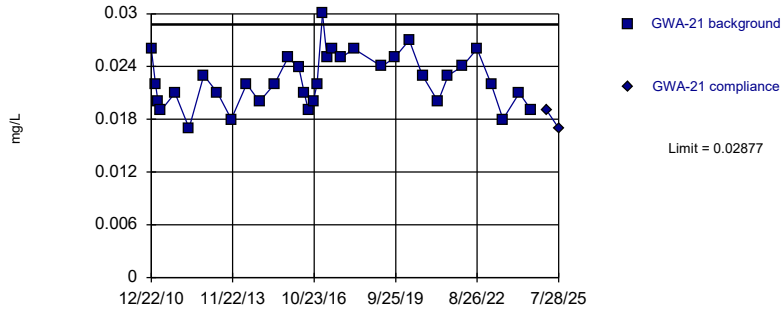
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02245, Std. Dev.=0.002972, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9735, critical = 0.91. Kappa = 2.125 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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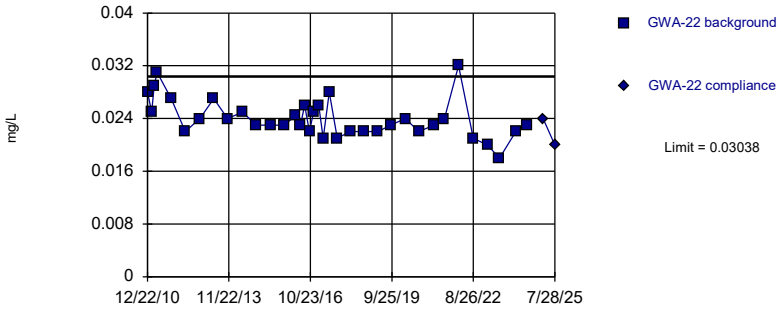
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02404, Std. Dev.=0.002991, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.94, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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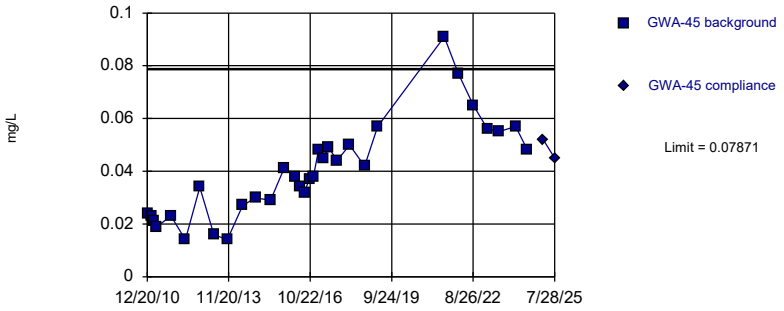
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03994, Std. Dev.=0.01806, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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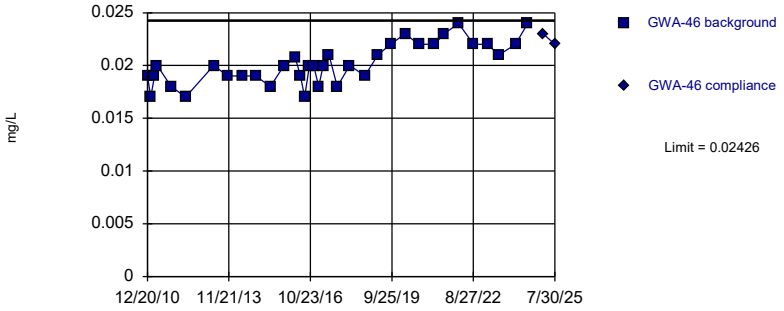
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02016, Std. Dev.=0.001929, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9494, critical = 0.91. Kappa = 2.125 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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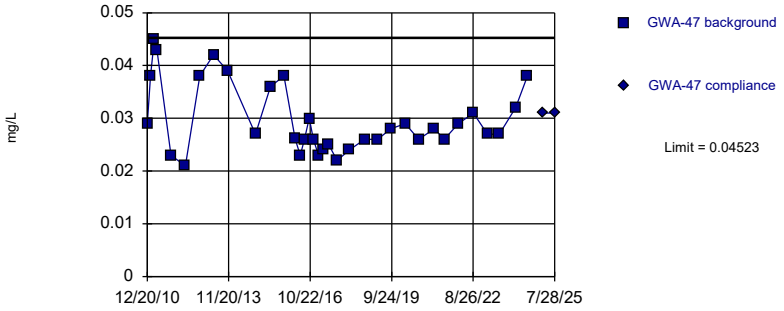
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.537, Std. Dev.=0.2074, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9155, critical = 0.91. Kappa = 2.125 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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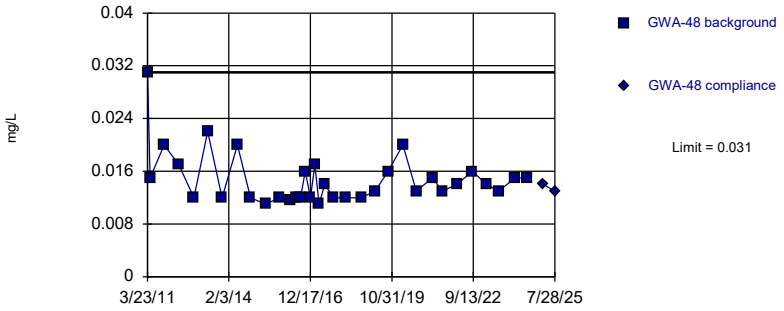
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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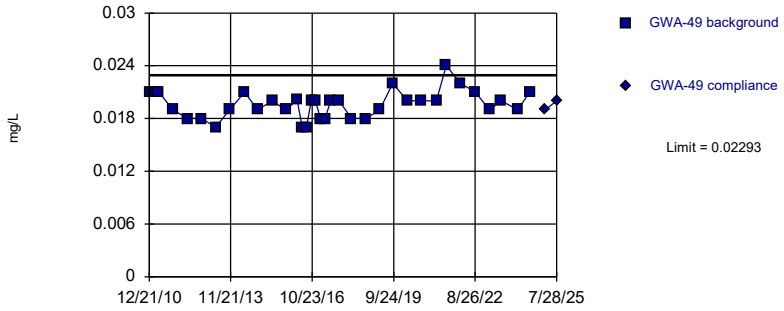
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01964, Std. Dev.=0.001553, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9465, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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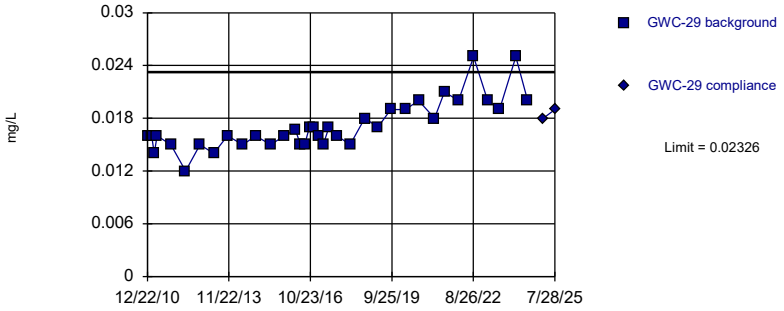
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1305, Std. Dev.=0.01039, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9159, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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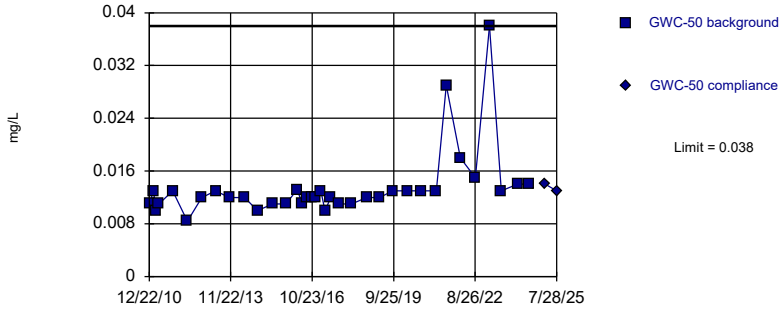
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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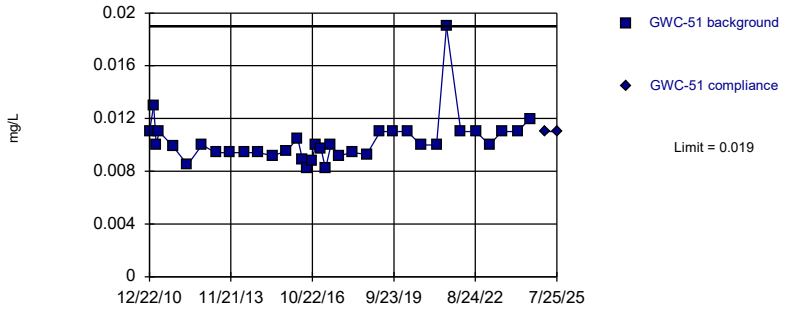
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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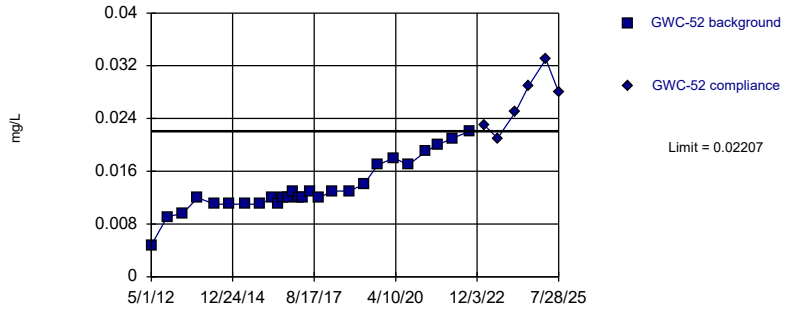
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01343, Std. Dev.=0.003942, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9018, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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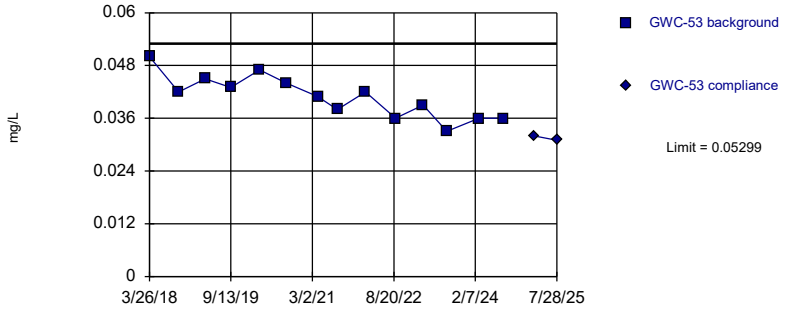
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04086, Std. Dev.=0.004802, n=14. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.975, critical = 0.874. Kappa = 2.528 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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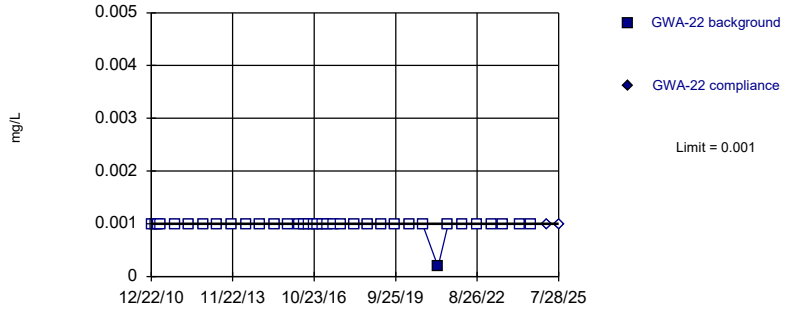
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Beryllium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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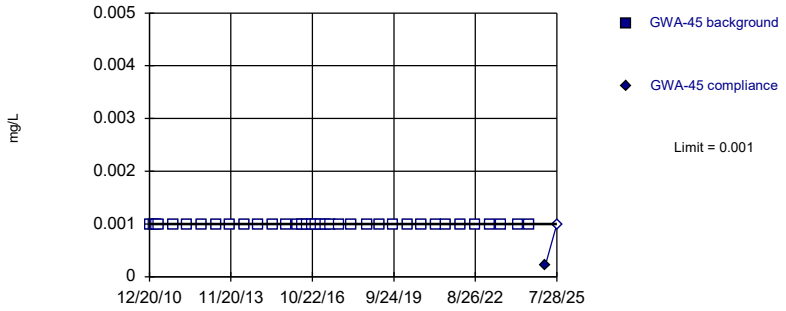
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 36) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Beryllium Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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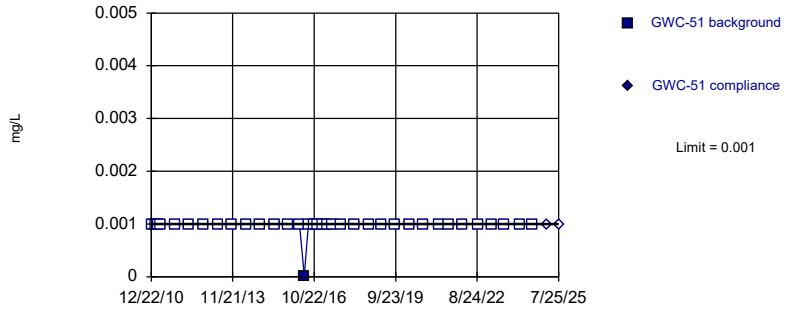
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

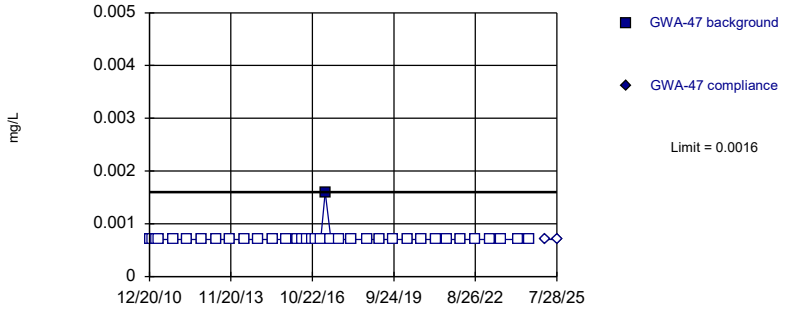
Constituent: Beryllium Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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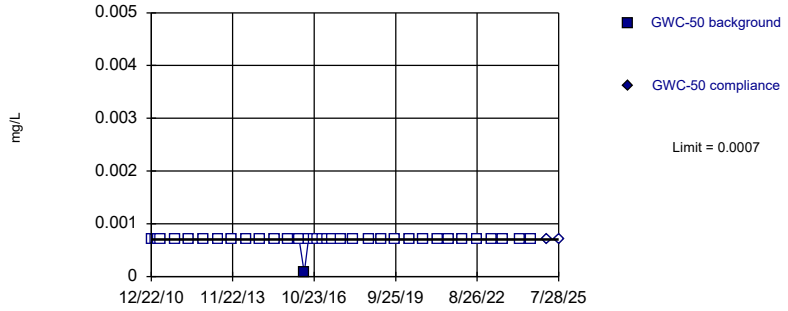
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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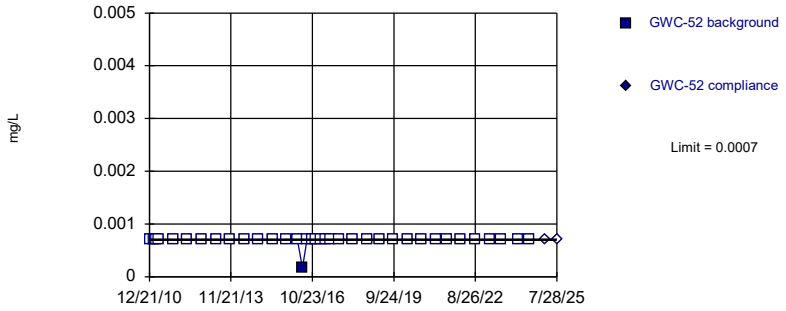
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 9/15/2025 1:58 PM View: Appendix I

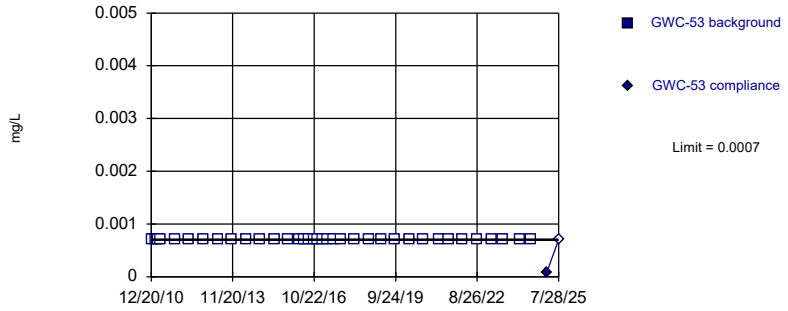
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 36) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 9/15/2025 1:58 PM View: Appendix I

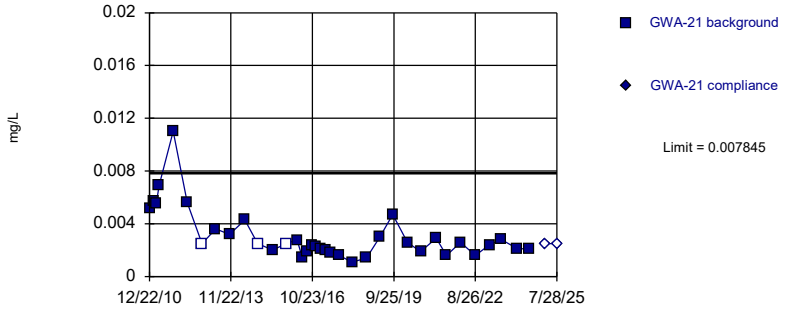
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-5.916, Std. Dev.=0.5037, n=36, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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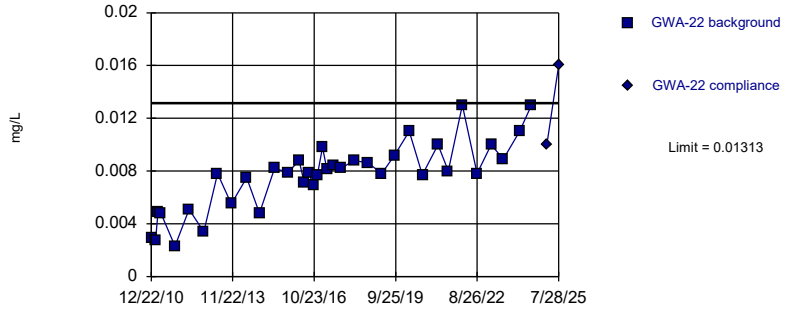
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007652, Std. Dev.=0.002586, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9461, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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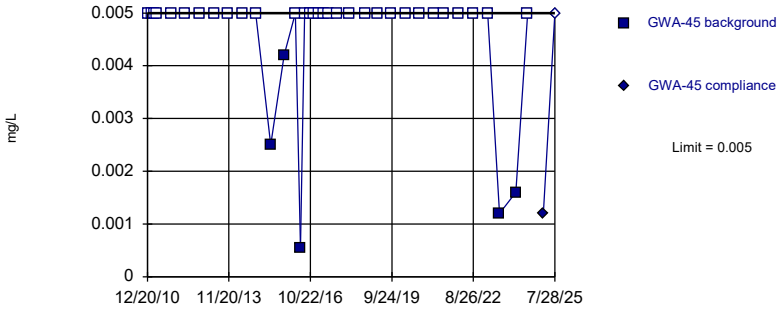
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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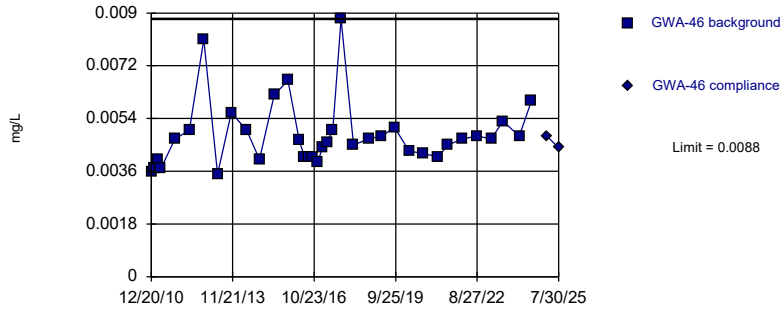
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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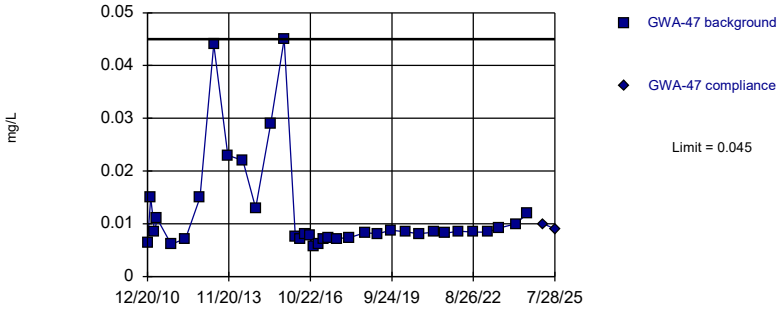
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

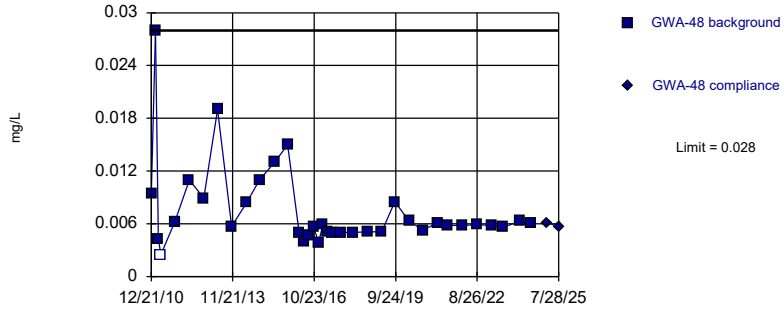
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 2.778% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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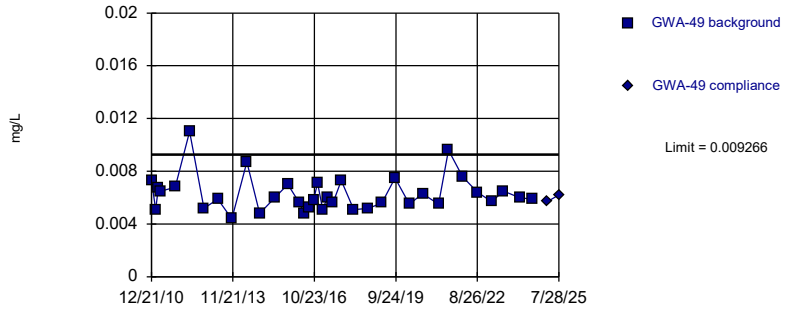
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.1838, Std. Dev.=0.0124, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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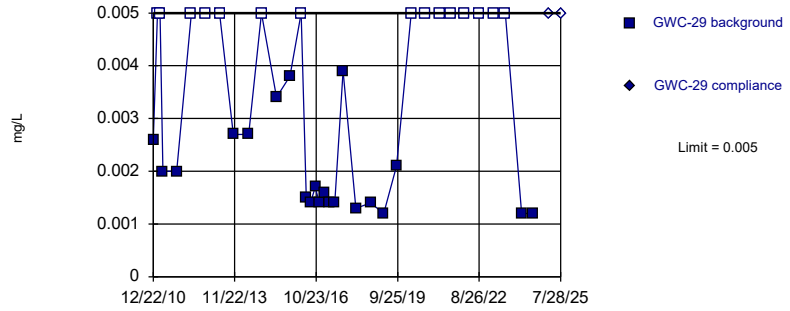
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 41.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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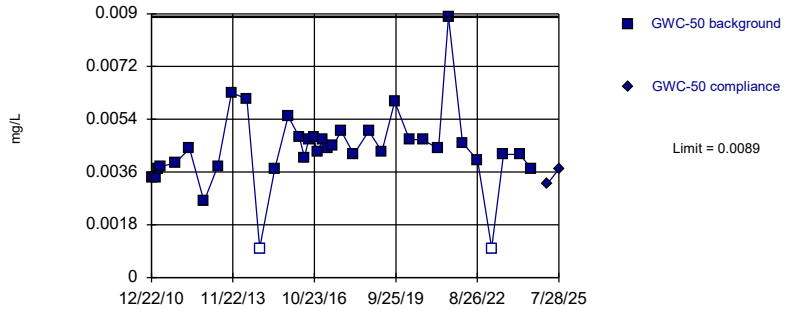
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 5.556% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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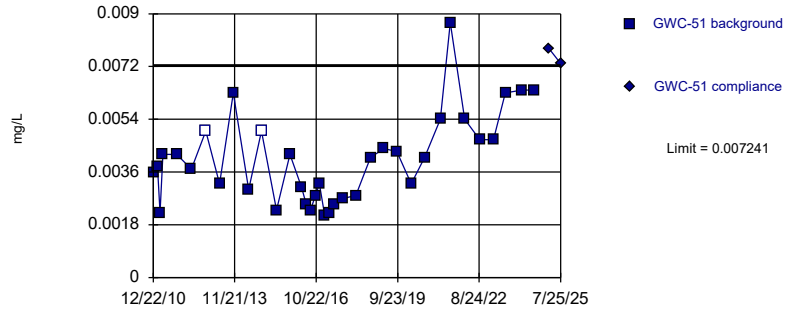
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004027, Std. Dev.=0.001516, n=36, 5.556% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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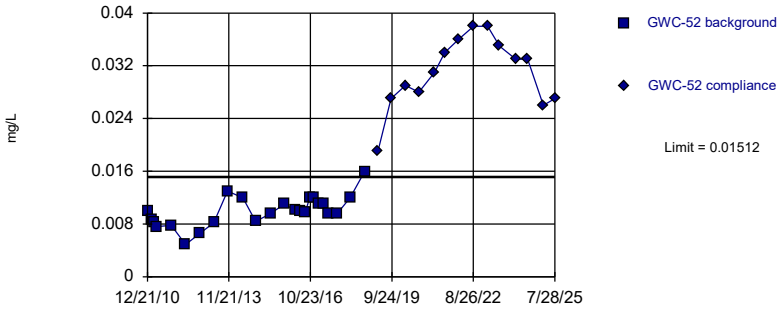
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009958, Std. Dev.=0.002314, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9736, critical = 0.884. Kappa = 2.232 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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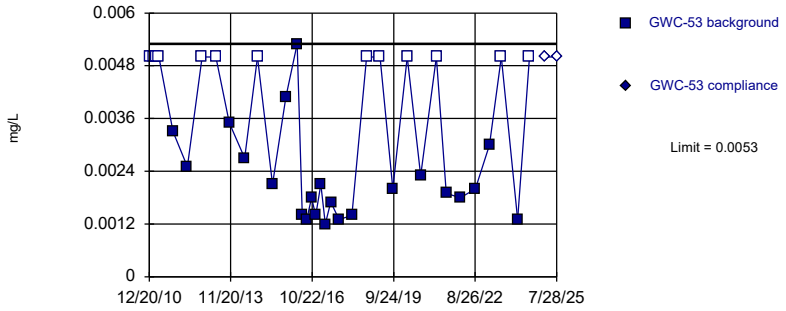
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 36.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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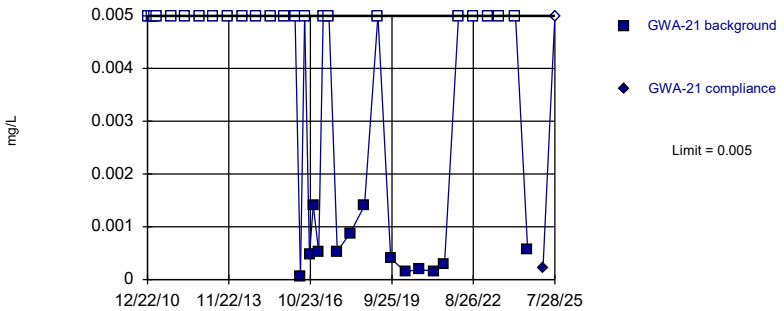
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 63.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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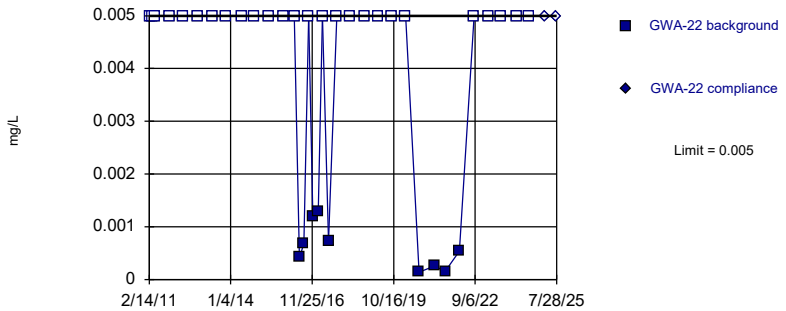
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 74.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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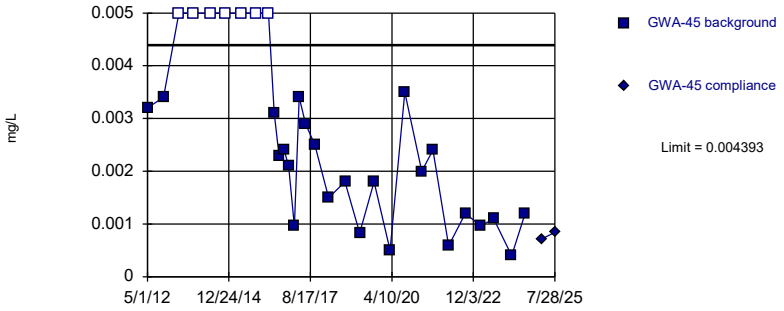
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.03981, Std. Dev.=0.01229, n=31, 22.58% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.927, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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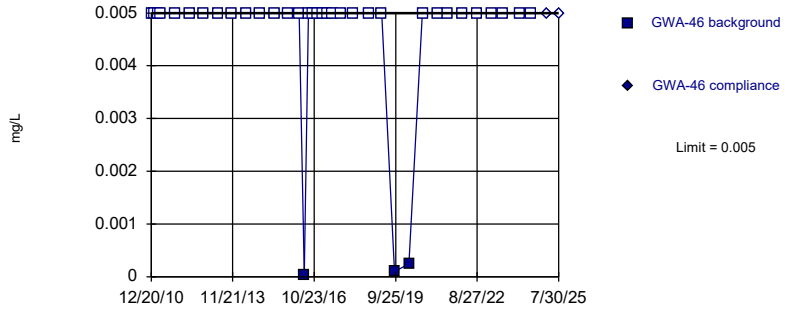
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

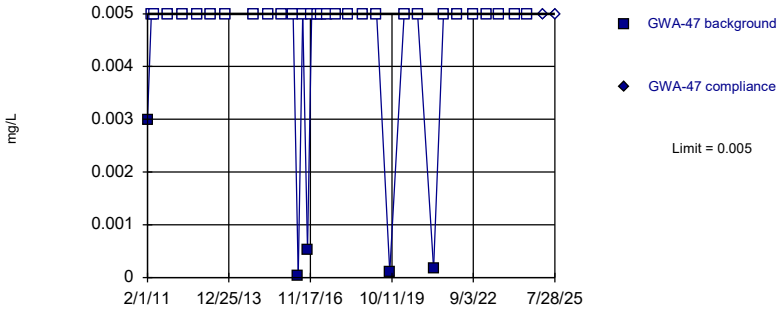
Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

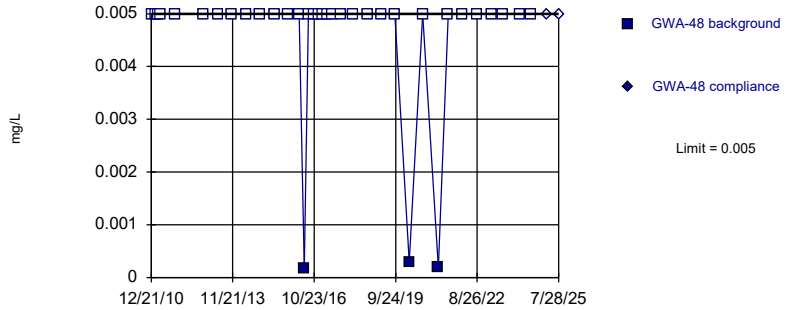
Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 91.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

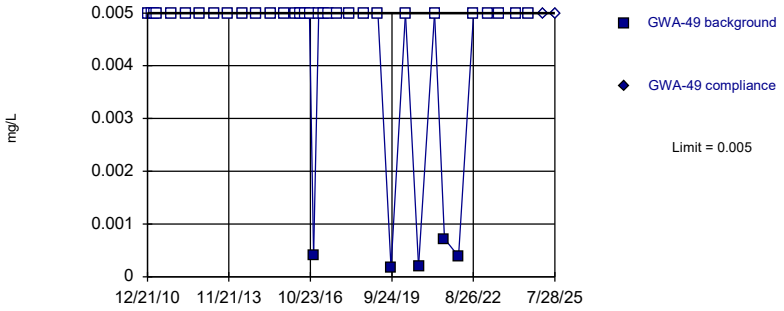
Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

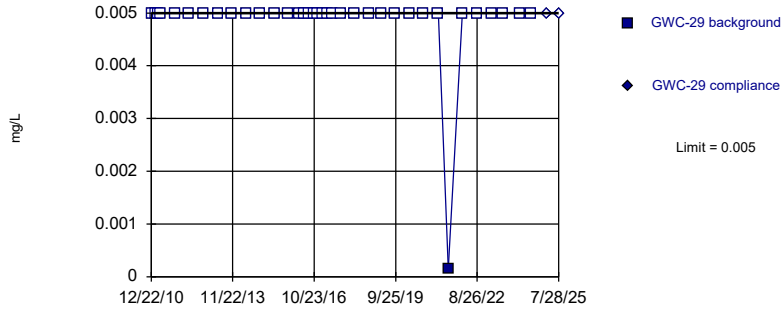
Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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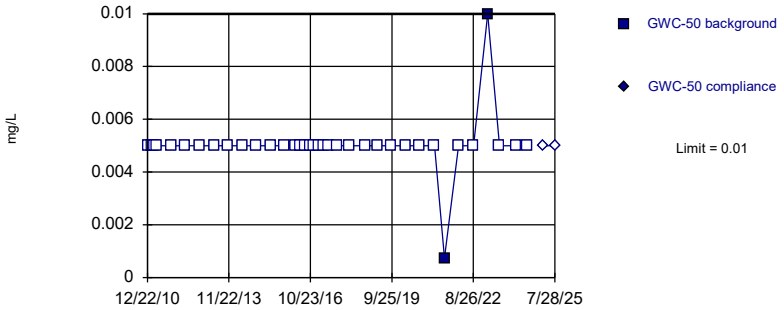
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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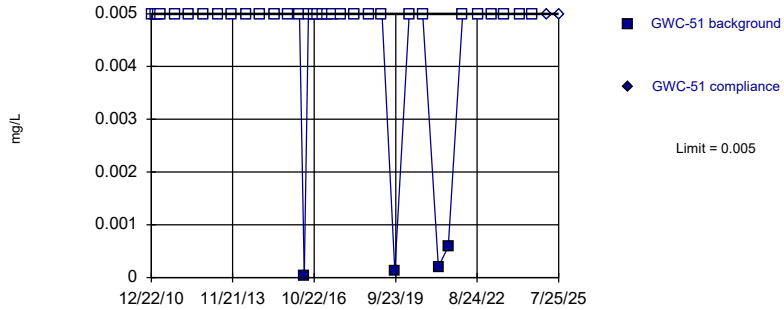
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

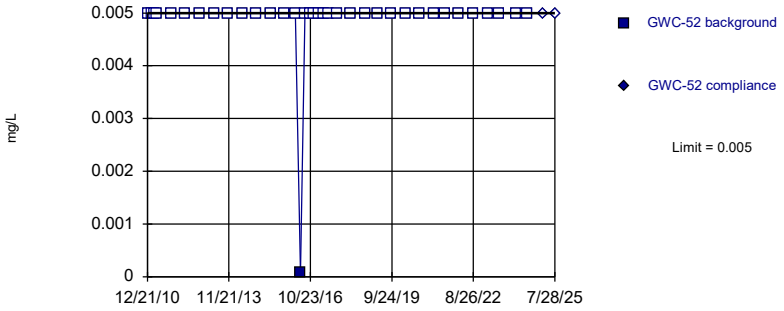
Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

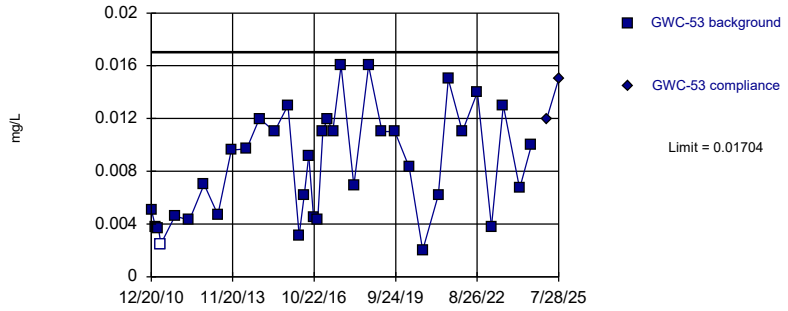
Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.008424, Std. Dev.=0.004064, n=36, 2.778% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9367, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

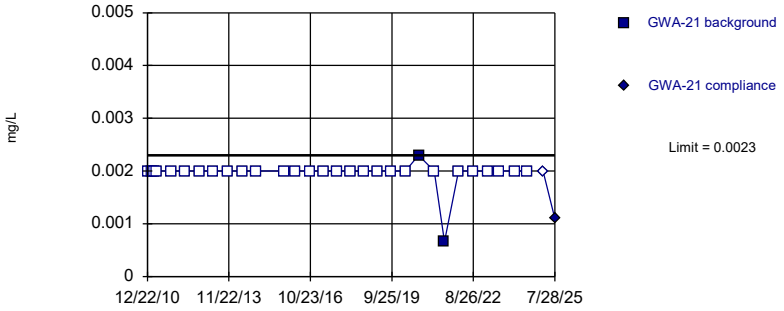
Constituent: Cobalt Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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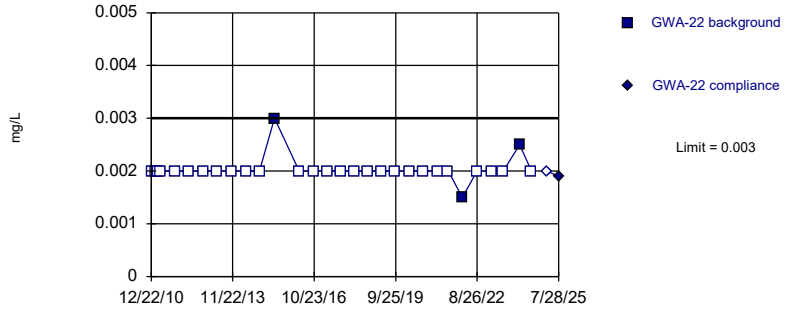
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

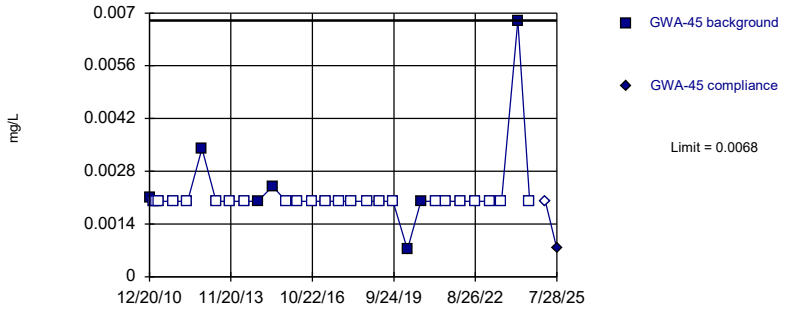
Constituent: Copper Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

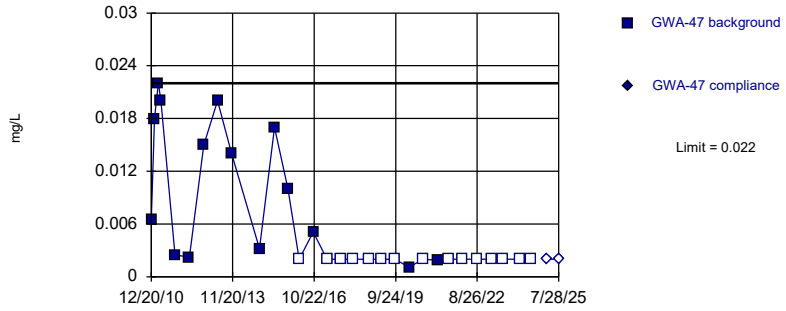
Constituent: Copper Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 50% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

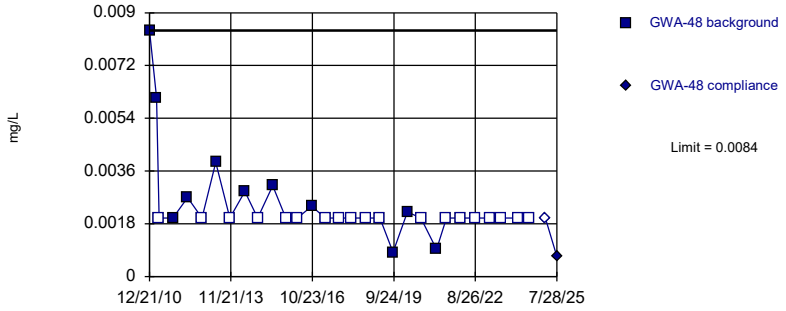
Constituent: Copper Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 63.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

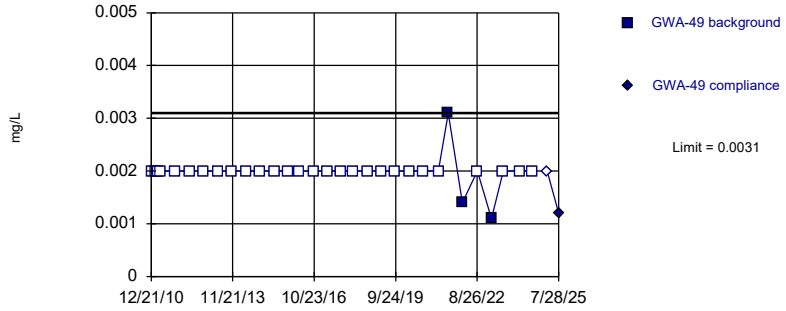
Constituent: Copper Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 9/15/2025 1:58 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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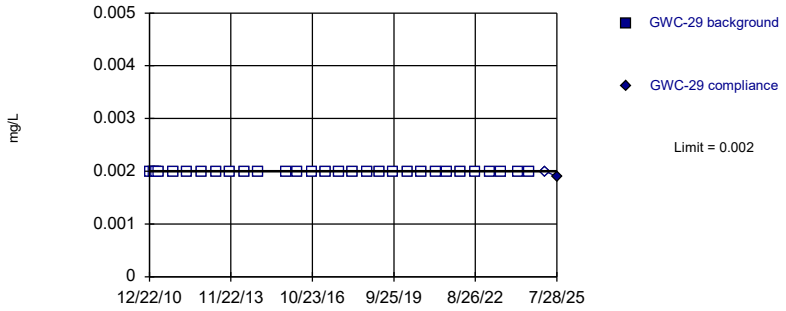
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 30) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

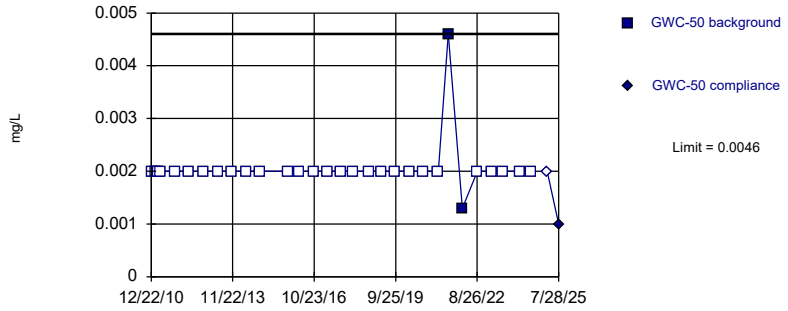
Constituent: Copper Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

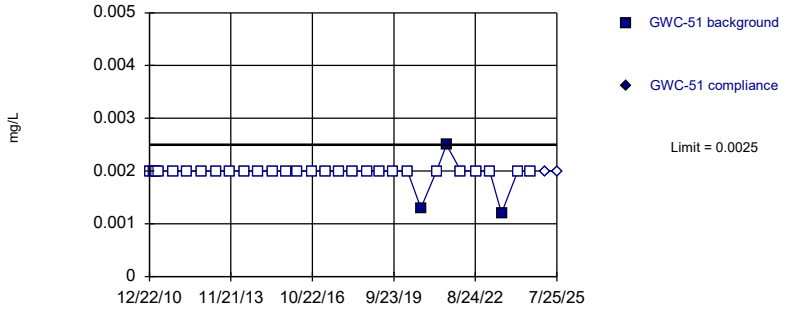
Constituent: Copper Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

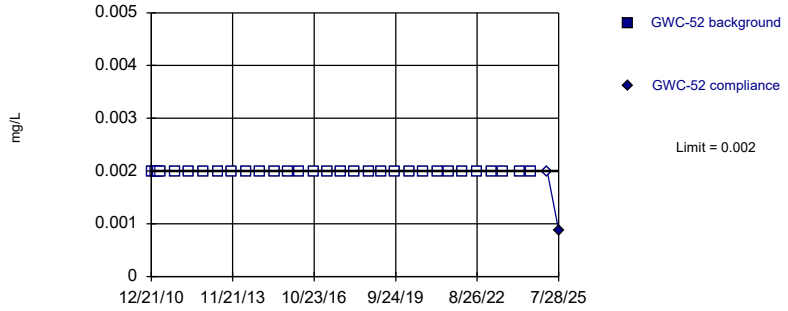
Constituent: Copper Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 31) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

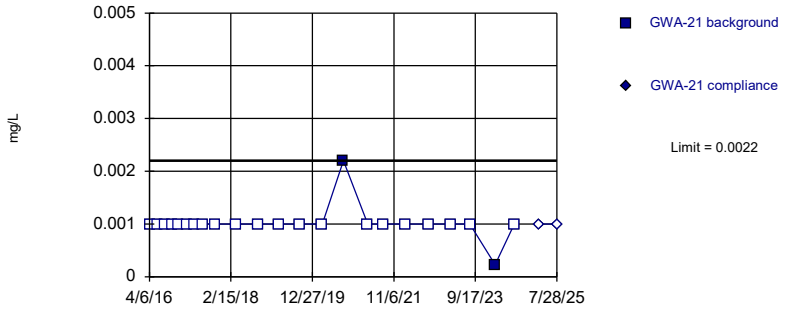
Constituent: Copper Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

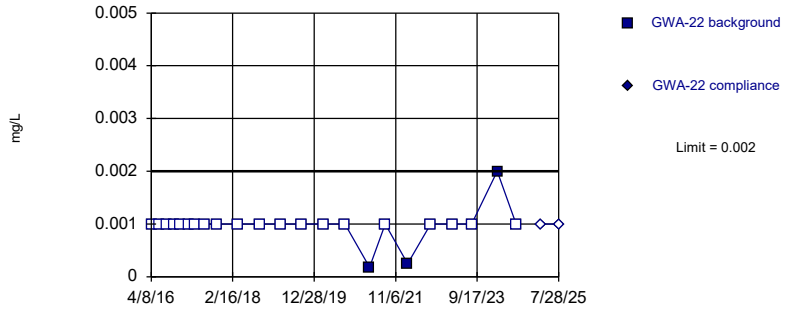
Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

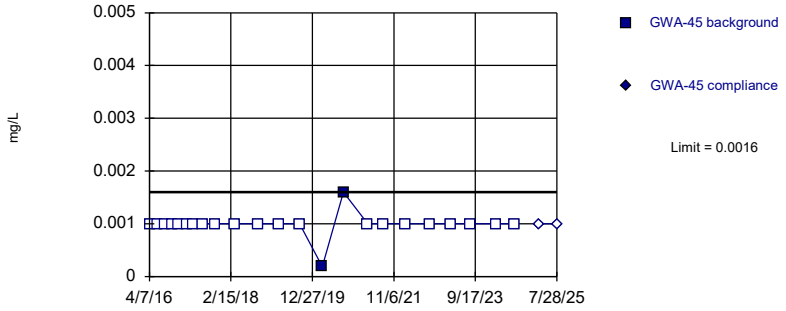
Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

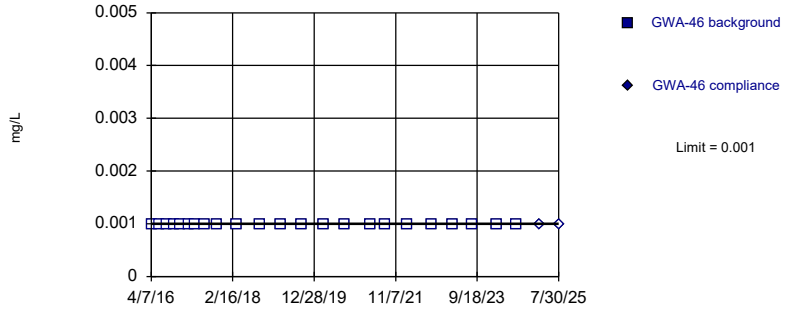
Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



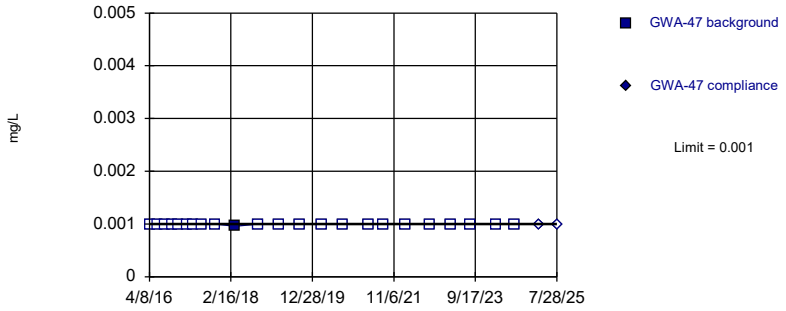
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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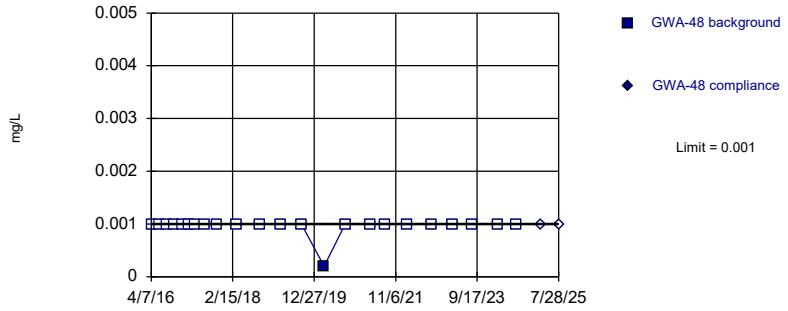
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



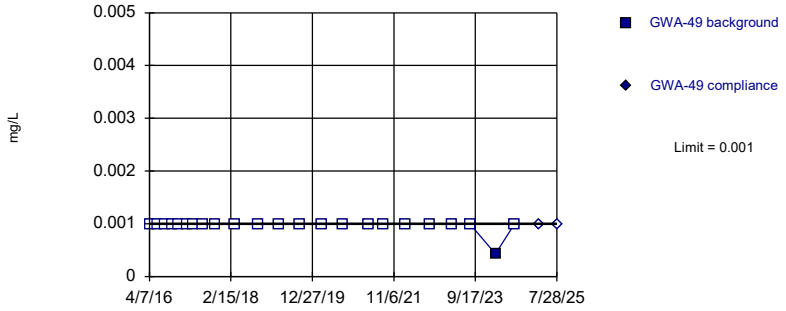
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



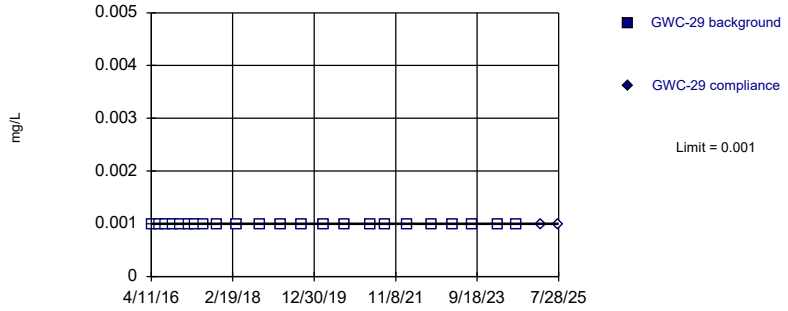
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



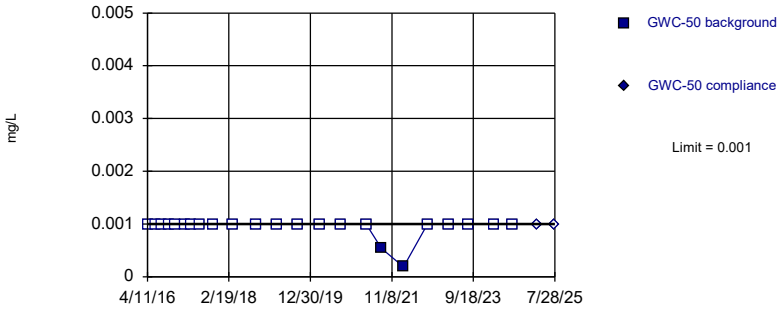
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



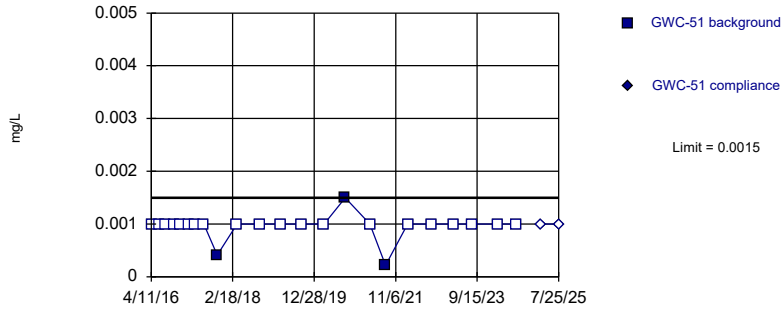
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



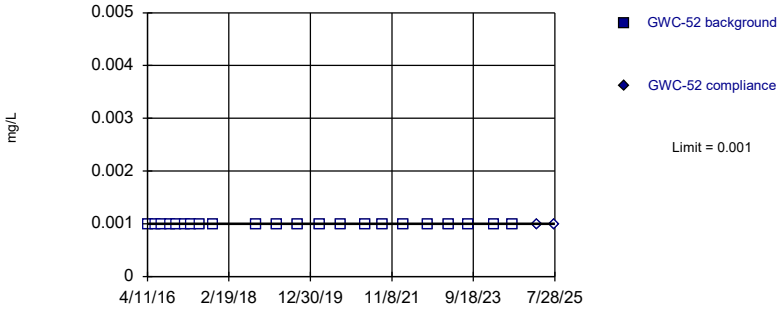
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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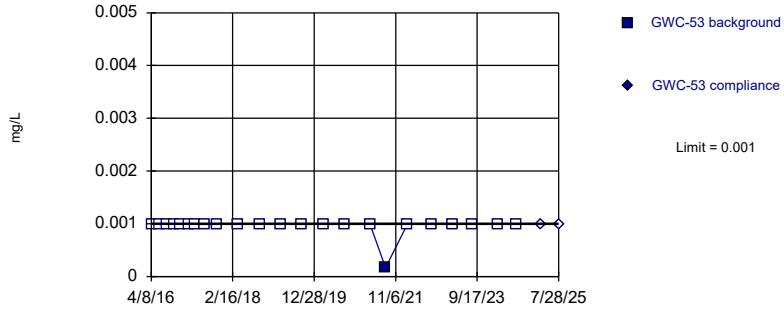
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

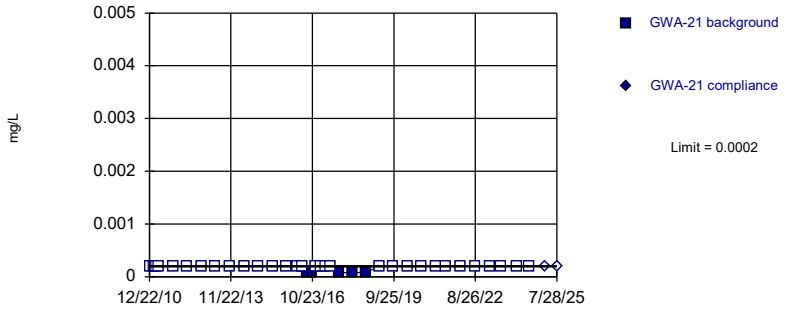
Constituent: Lead Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

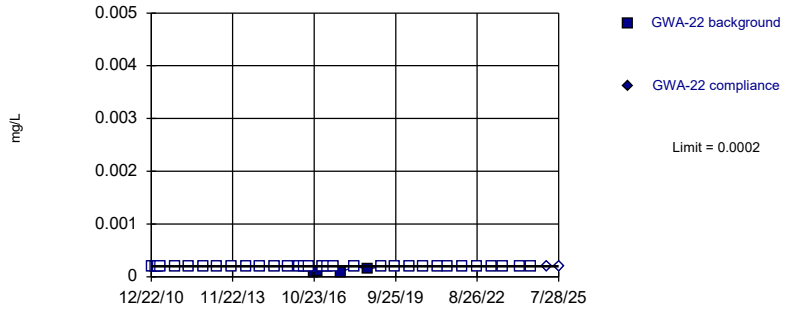
Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

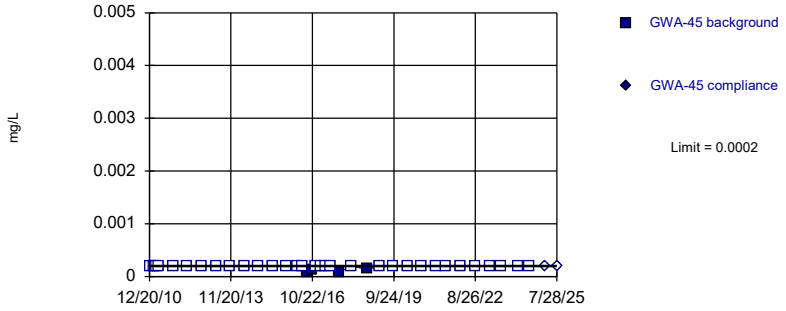
Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

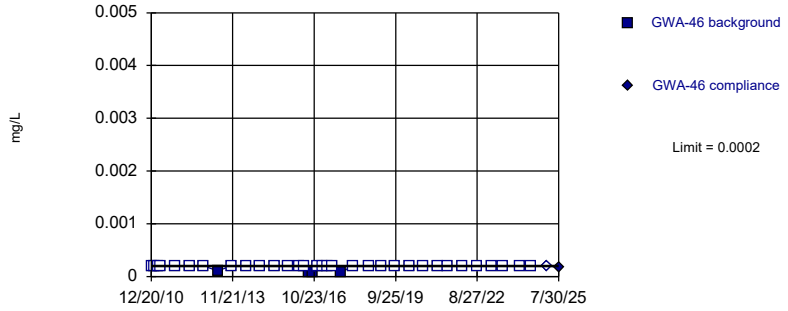
Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



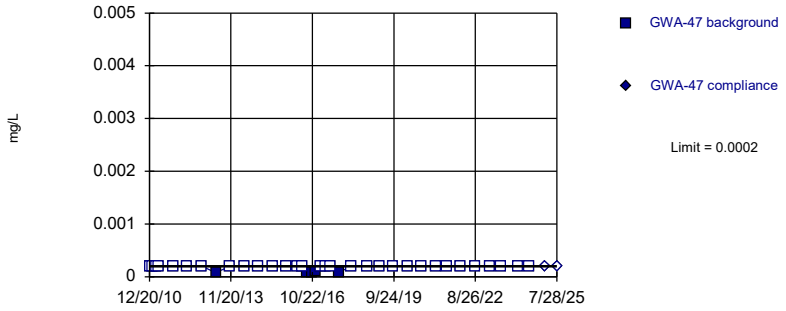
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



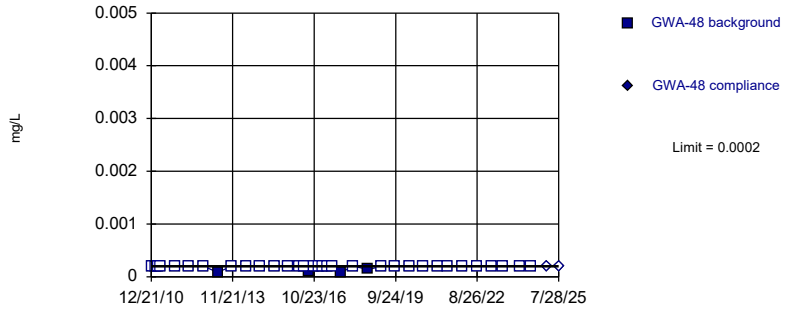
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



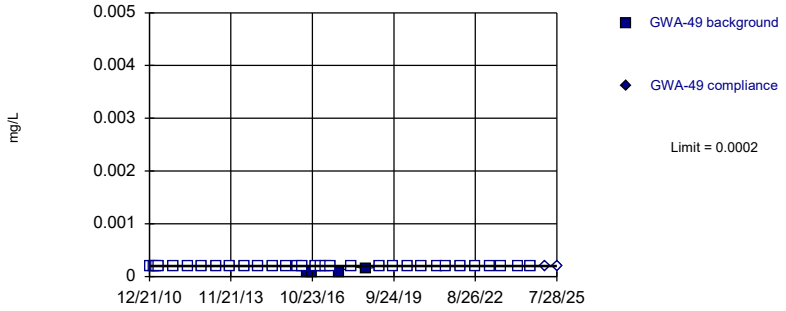
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



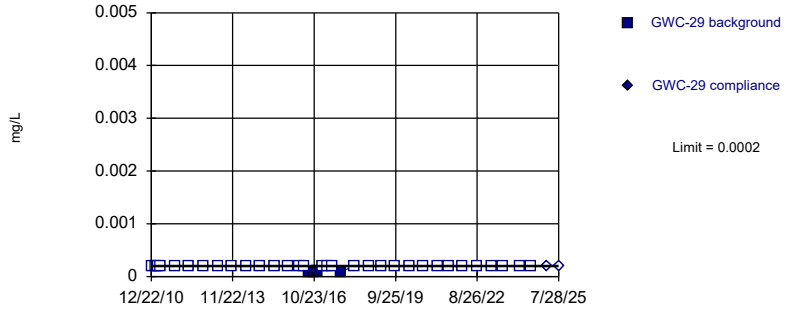
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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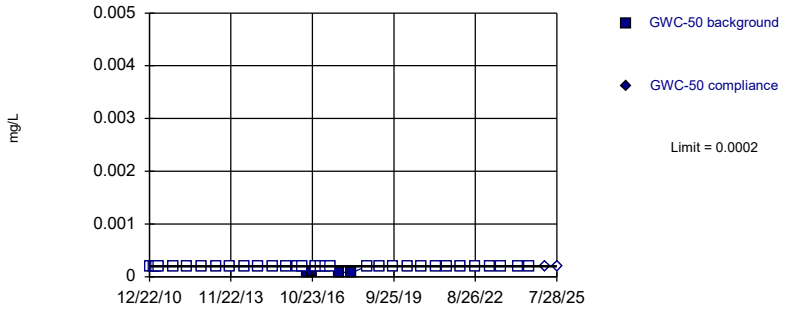
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



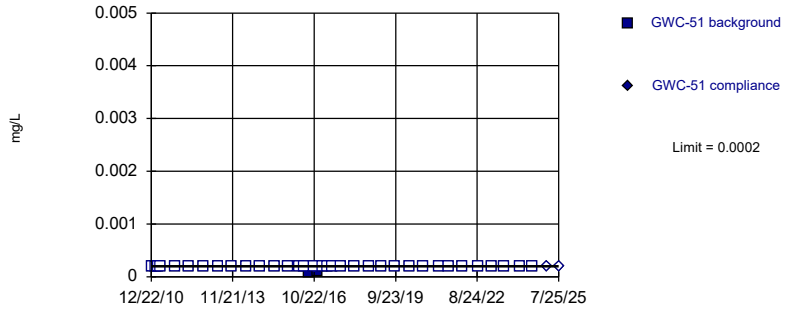
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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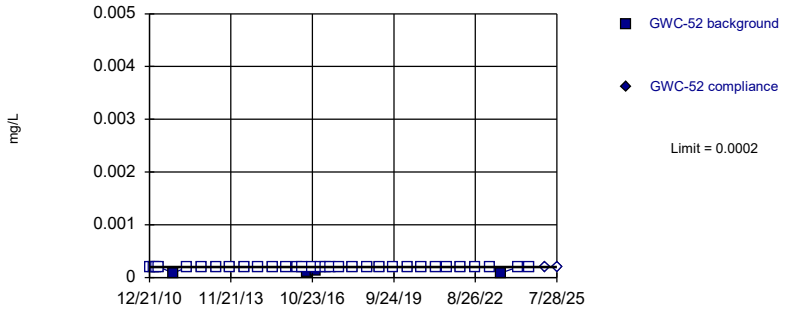
Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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Constituent: Mercury Analysis Run 9/15/2025 1:59 PM View: Appendix I
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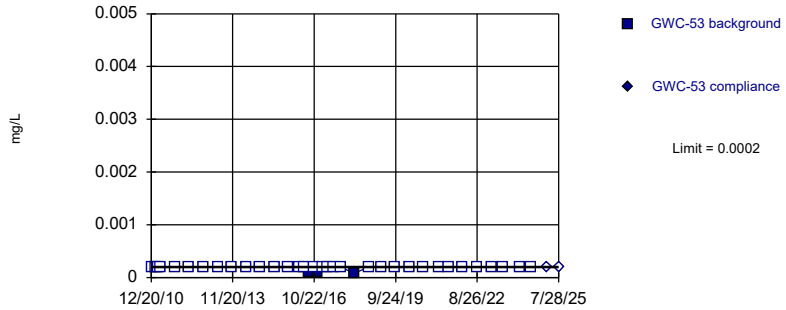
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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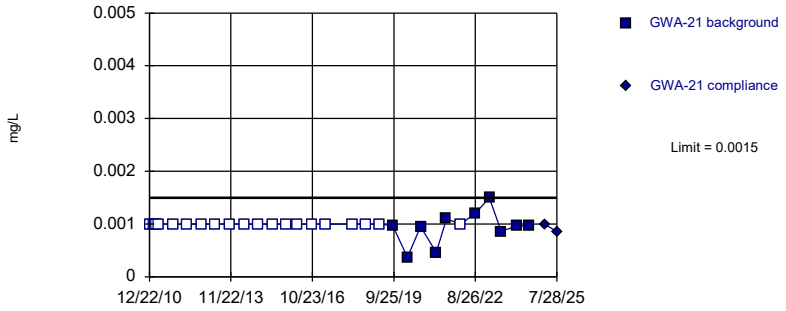
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

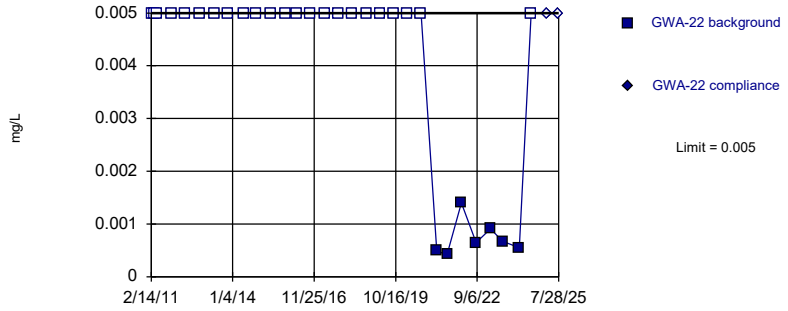
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 76.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

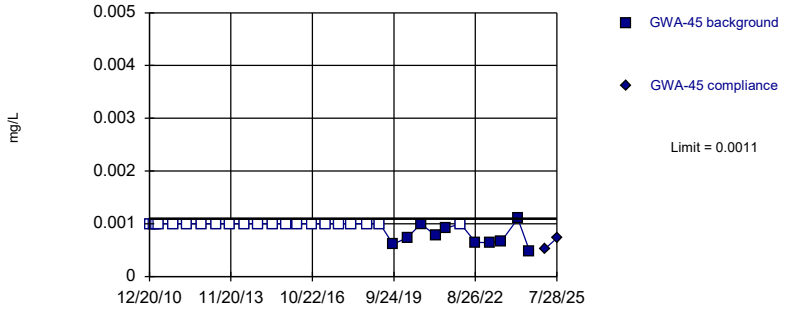
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

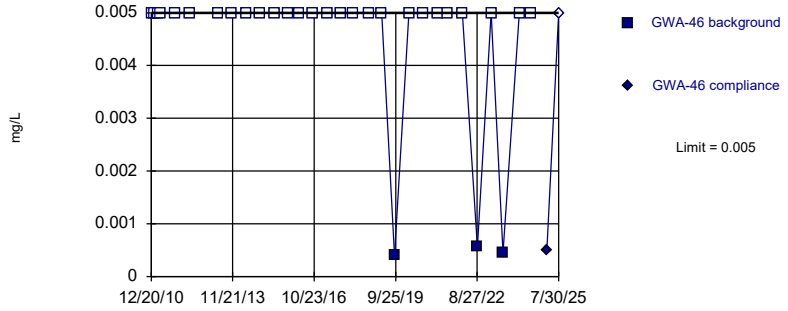
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

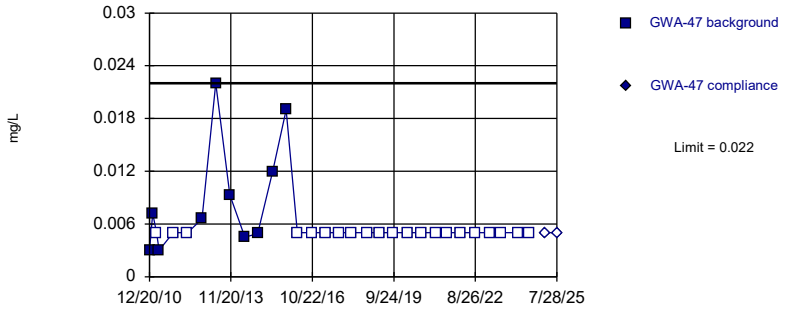
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

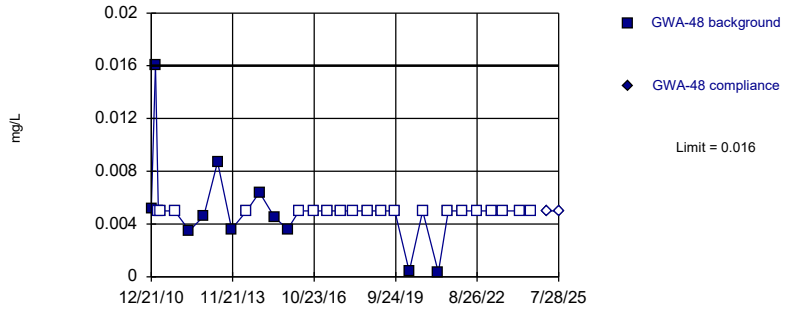
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

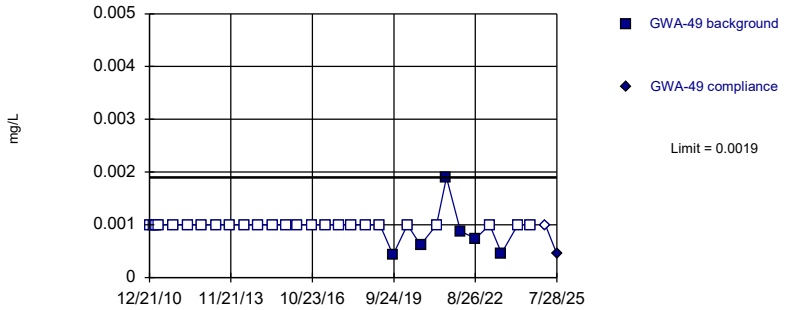
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 80.65% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

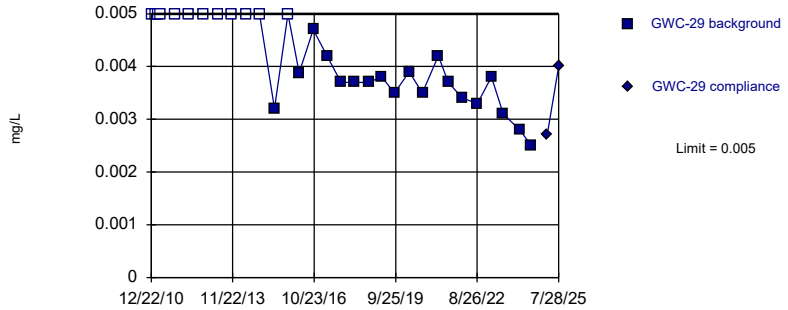
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 38.71% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

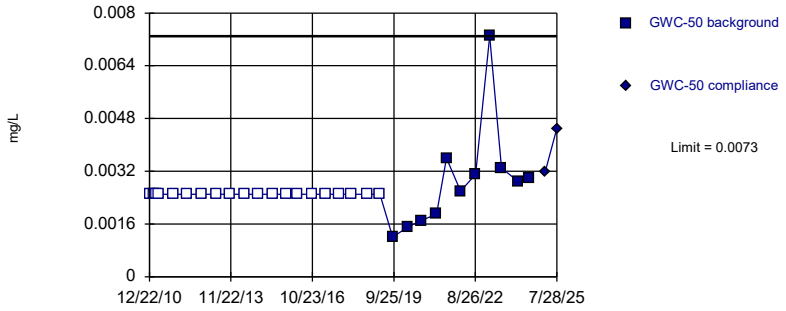
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

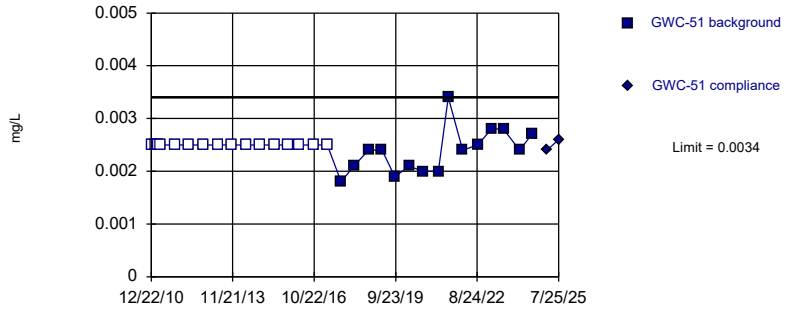
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 51.61% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

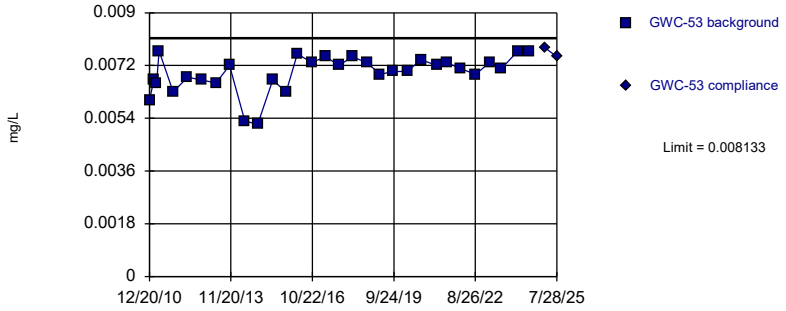
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.00004852, Std. Dev.=0.000008186, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9155, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

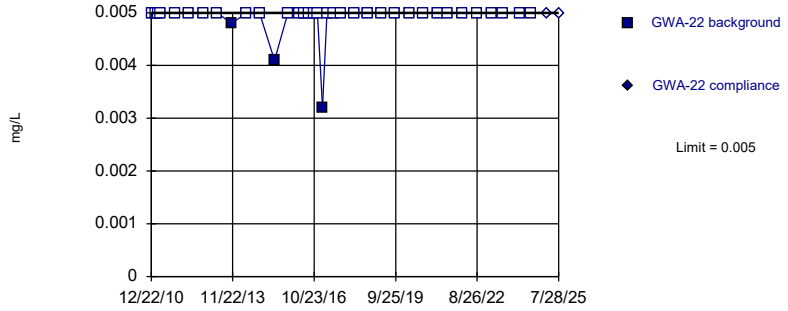
Constituent: Nickel Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

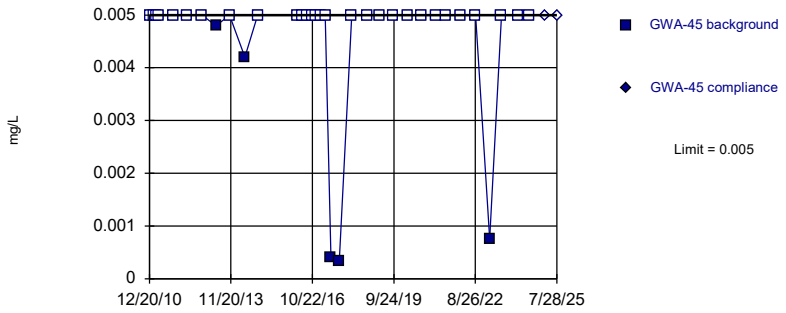
Constituent: Selenium Analysis Run 9/15/2025 1:59 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 1:59 PM View: Appendix I

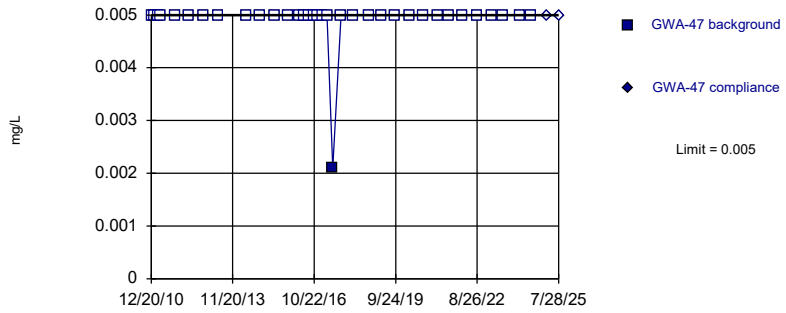
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 97.14% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 1:59 PM View: Appendix I

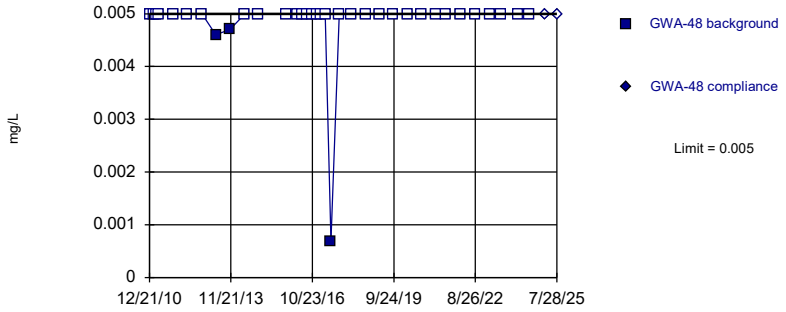
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 91.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 1:59 PM View: Appendix I

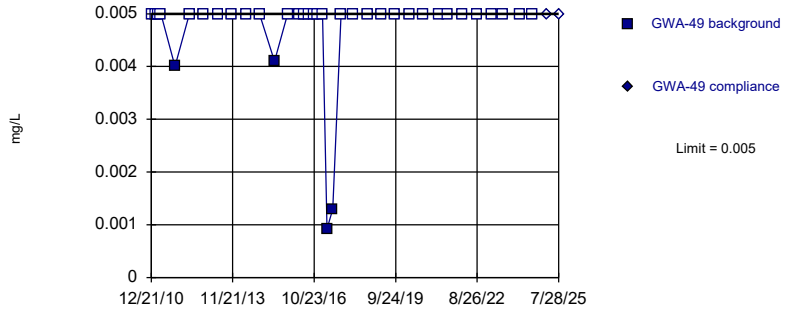
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 1:59 PM View: Appendix I

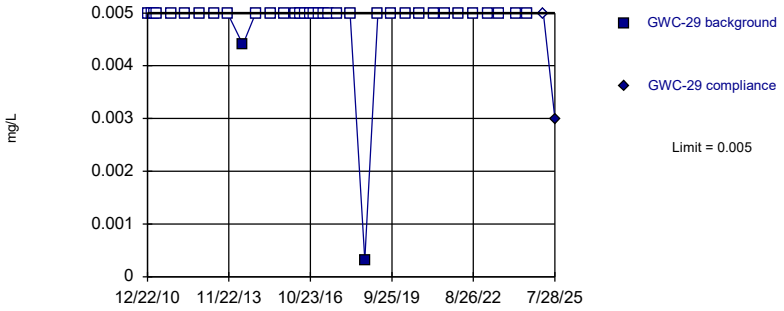
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 1:59 PM View: Appendix I

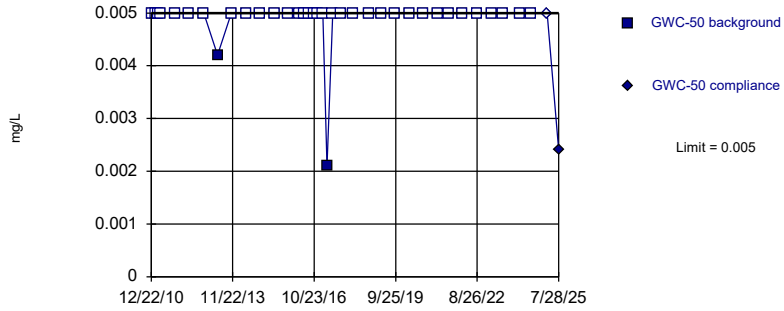
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 1:59 PM View: Appendix I

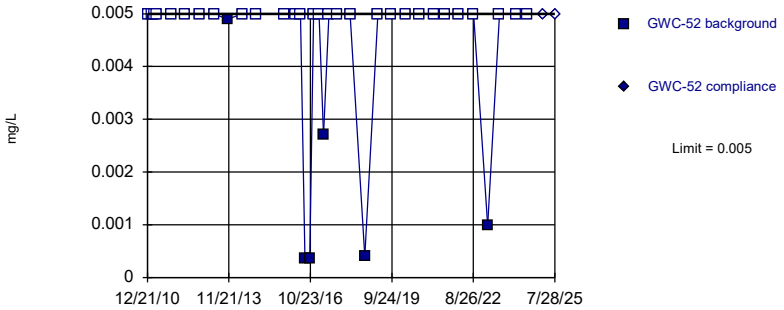
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 82.86% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 1:59 PM View: Appendix I

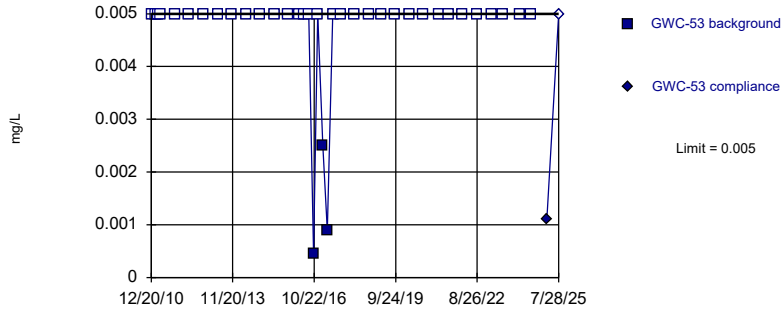
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 9/15/2025 1:59 PM View: Appendix I

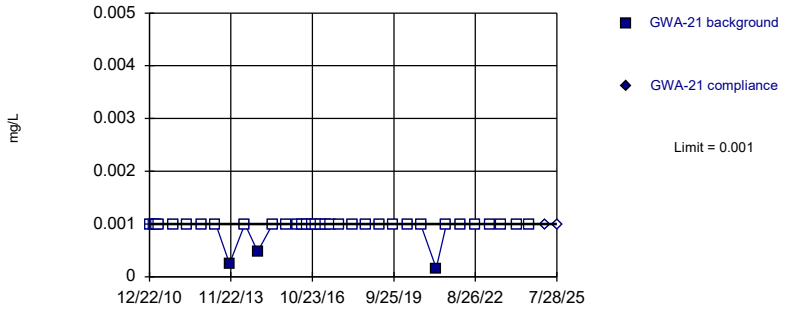
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

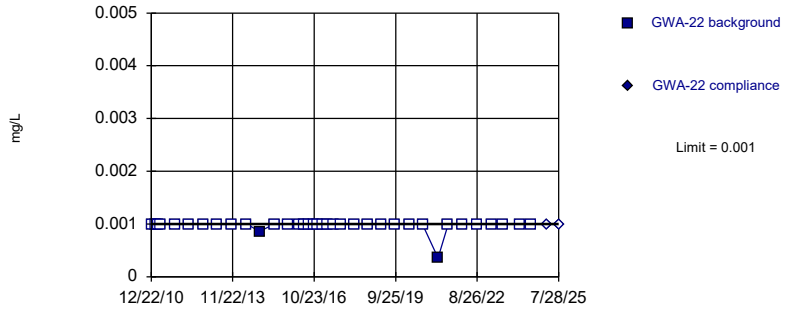
Constituent: Thallium Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

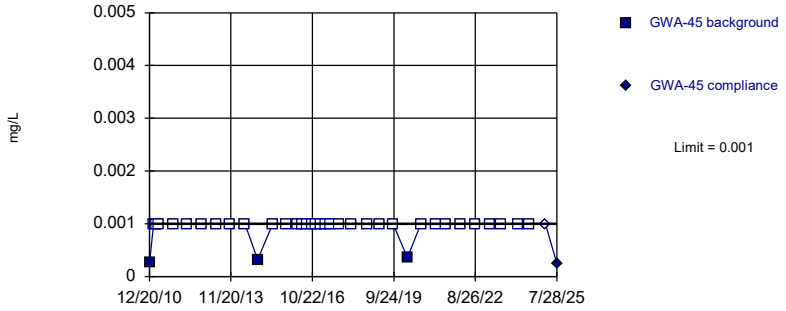
Constituent: Thallium Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

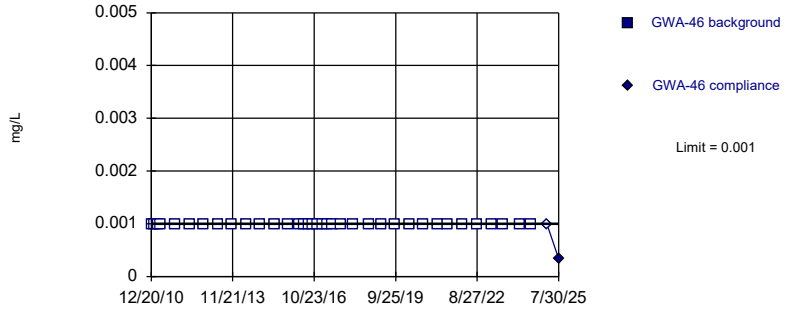
Constituent: Thallium Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 36) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

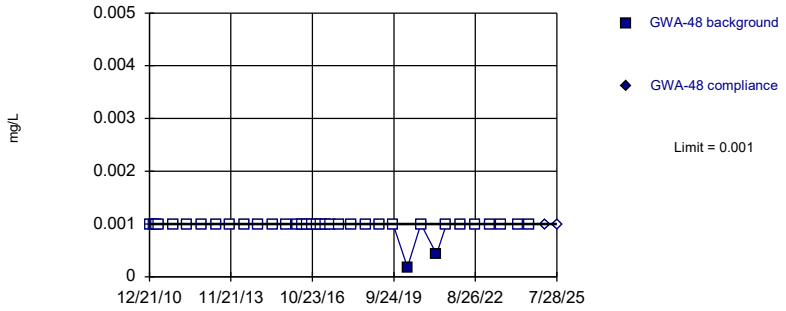
Constituent: Thallium Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

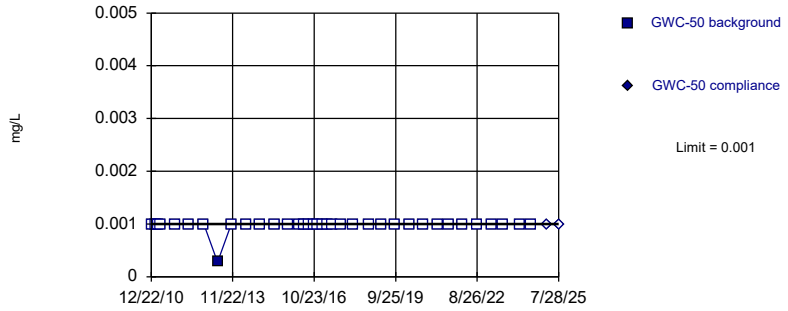
Constituent: Thallium Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

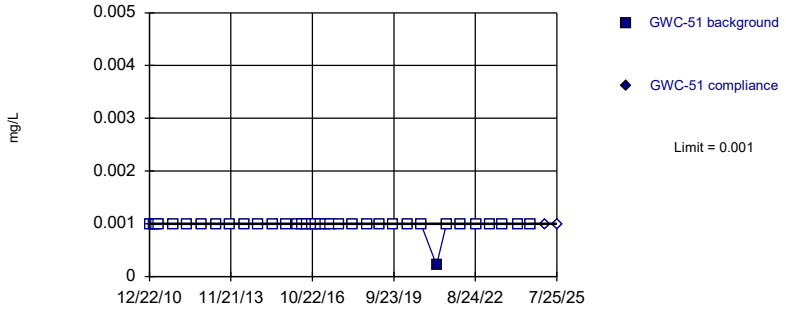
Constituent: Thallium Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

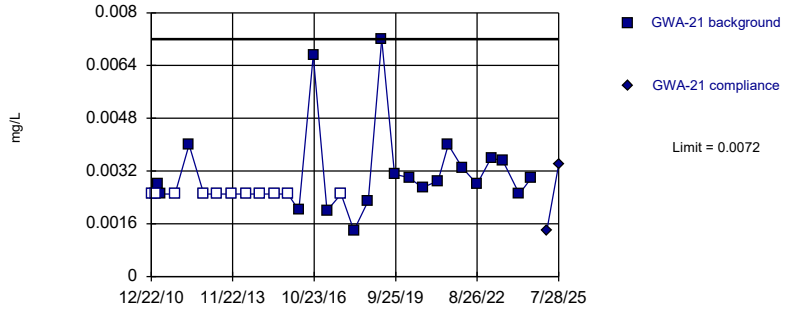
Constituent: Thallium Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 35.48% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

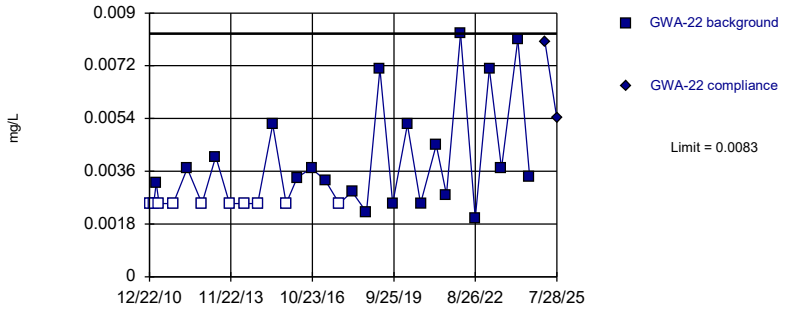
Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 32.26% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

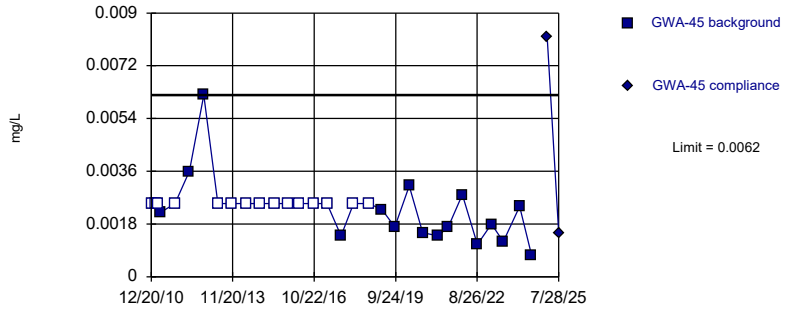
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 48.39% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

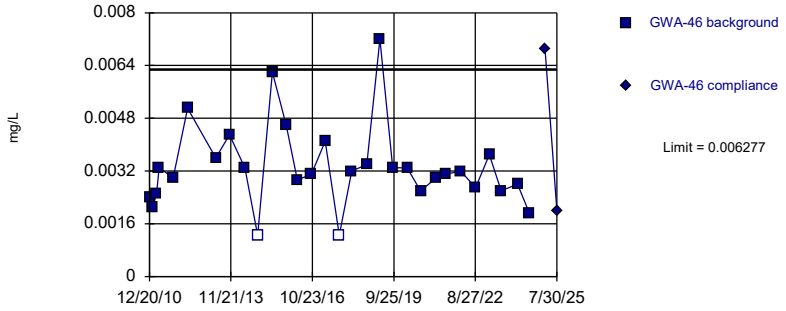
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.05652, Std. Dev.=0.01052, n=30, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9401, critical = 0.9. Kappa = 2.16 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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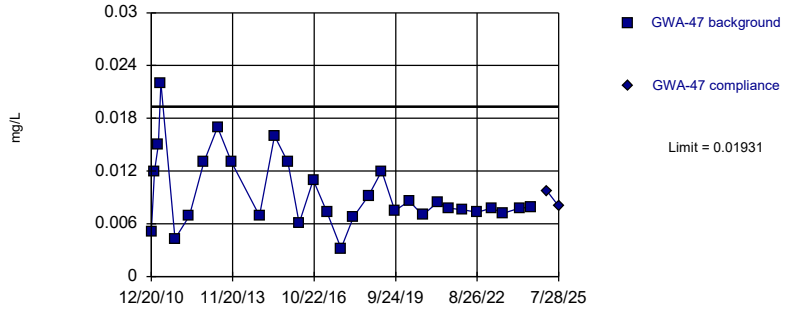
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.09539, Std. Dev.=0.02018, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9402, critical = 0.9. Kappa = 2.16 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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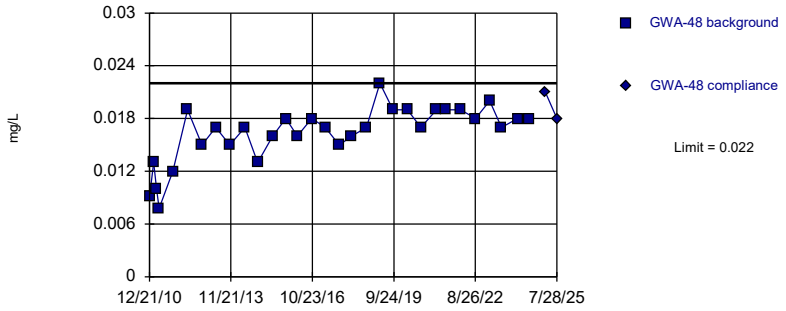
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0002765, Std. Dev.=0.00009634, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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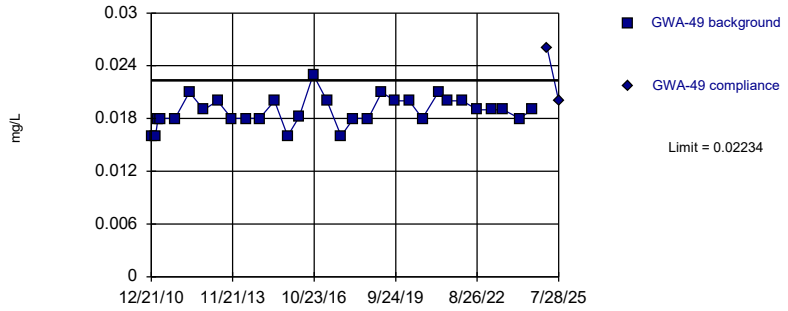
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01881, Std. Dev.=0.001639, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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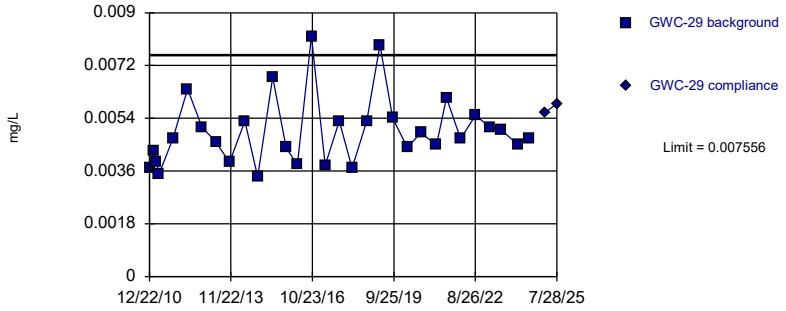
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06977, Std. Dev.=0.007969, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9238, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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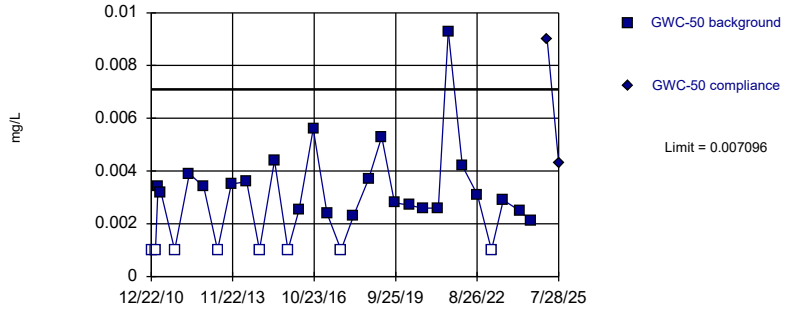
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05081, Std. Dev.=0.01553, n=31, 25.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9083, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

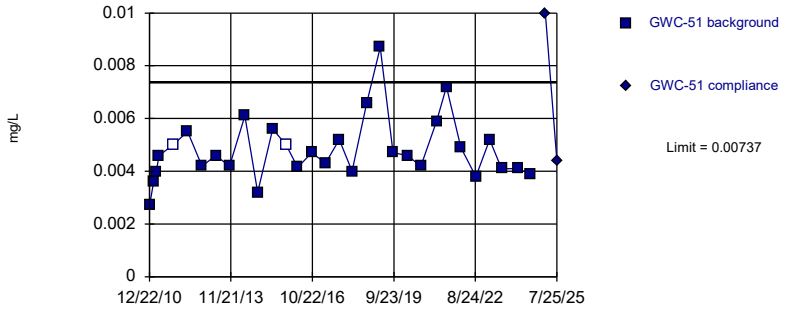
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004792, Std. Dev.=0.001198, n=31, 6.452% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9087, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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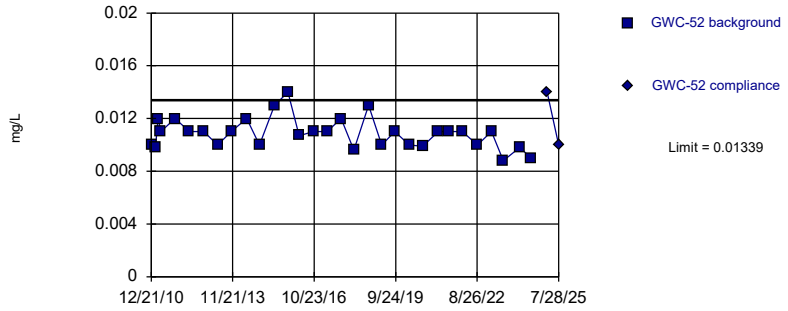
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01086, Std. Dev.=0.001174, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9253, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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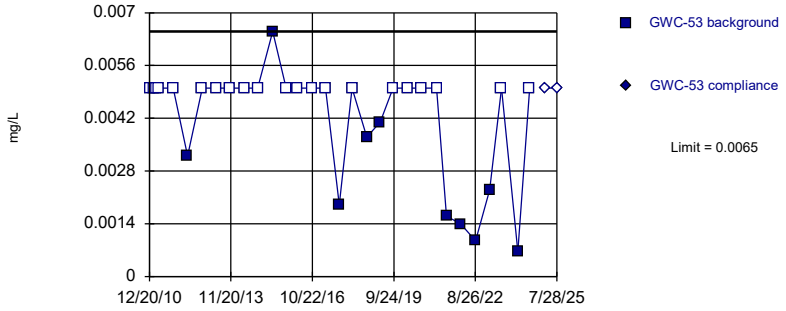
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Vanadium Analysis Run 9/15/2025 2:00 PM View: Appendix I

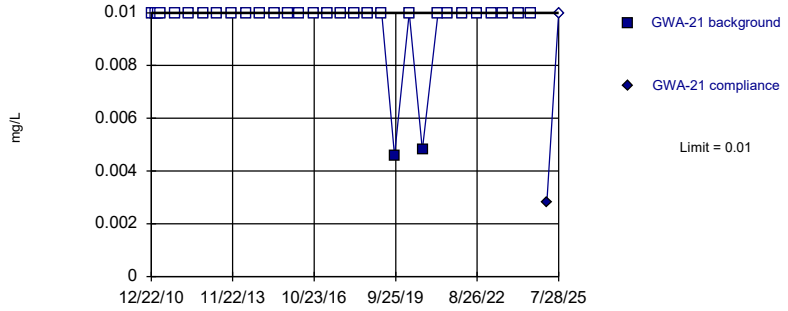
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

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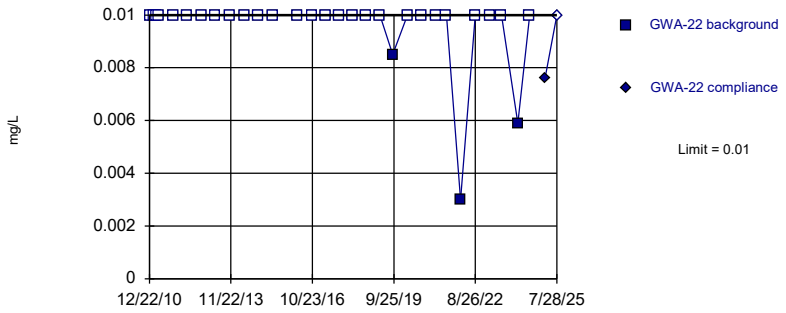
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



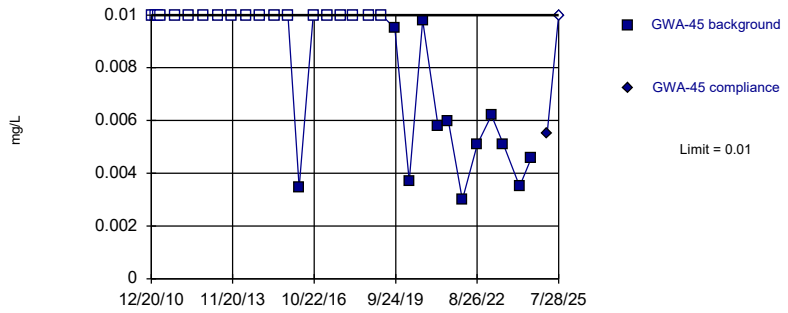
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



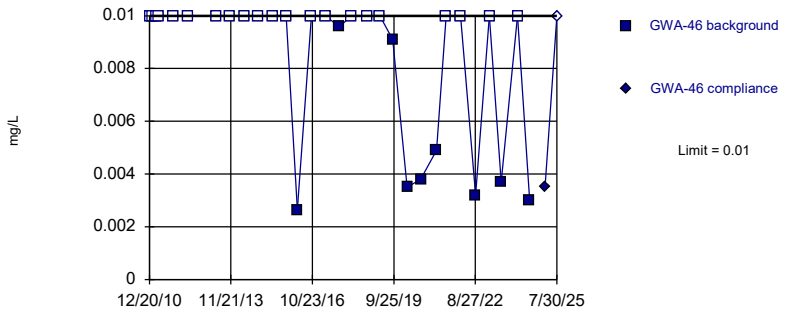
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 61.29% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



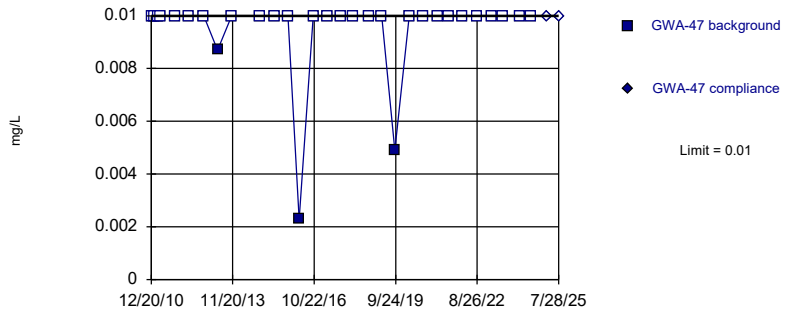
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 70% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

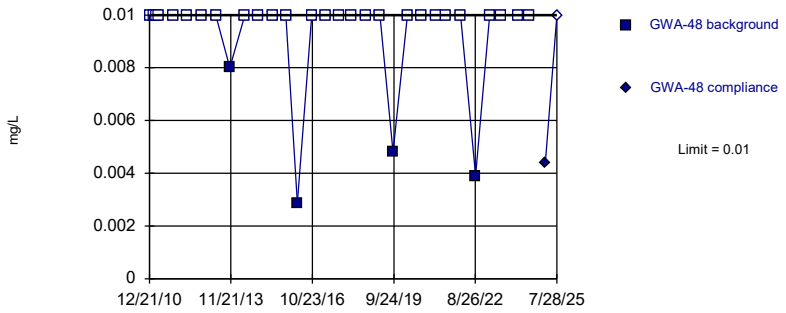
Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 87.1% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

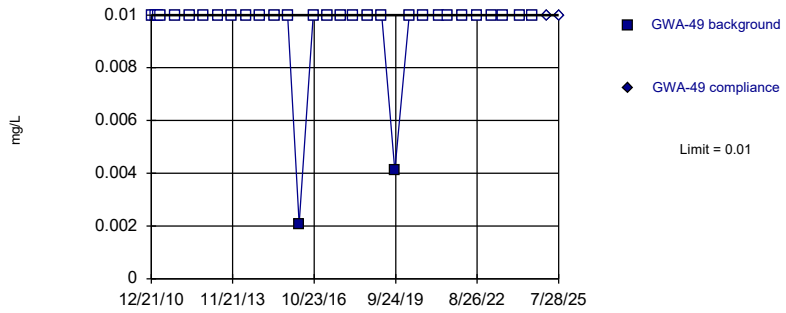
Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

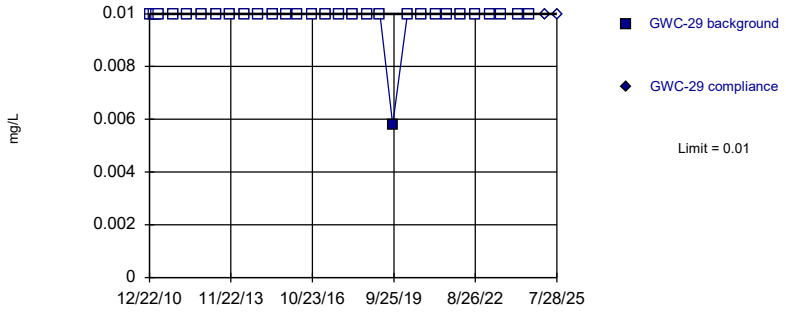
Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

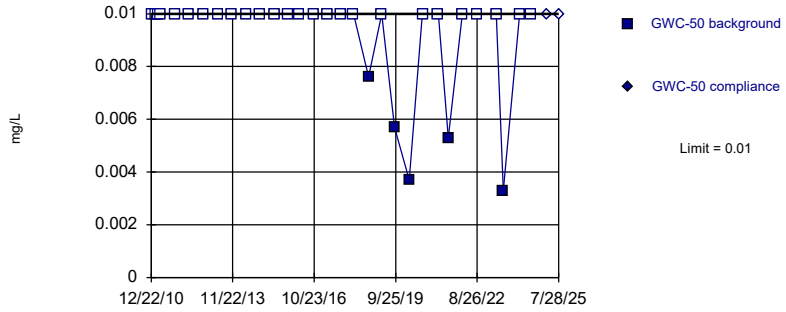
Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 83.87% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

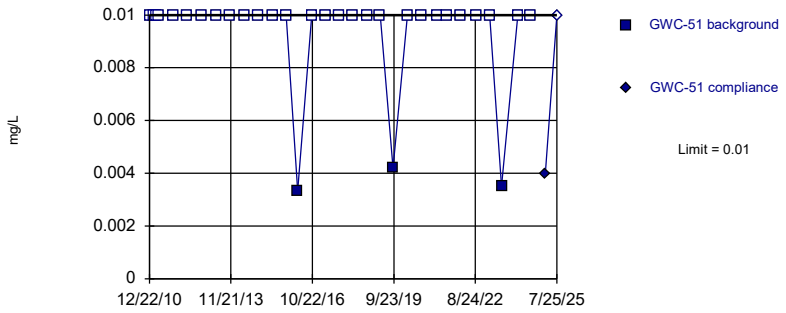
Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

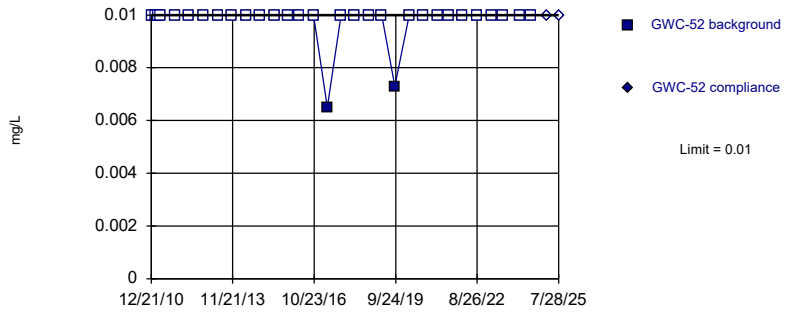
Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

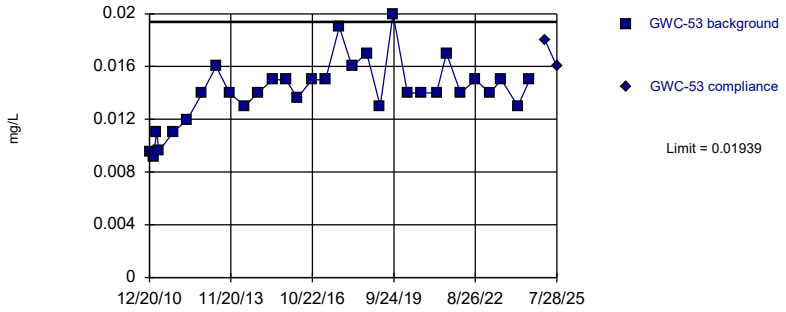
Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01409, Std. Dev.=0.00246, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9445, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Zinc Analysis Run 9/15/2025 2:00 PM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
6/14/2016	<0.005	
8/10/2016	0.001 (J)	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/10/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/2/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	0.0004 (J)	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.00059 (JB)	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.00089 (JB)	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/10/2016	<0.005	
10/13/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/15/2022	<0.005	
8/31/2022	0.00087 (JB)	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	0.00088 (J)	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	0.0015	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	0.00035 (J)	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	0.0011	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	0.0013	
2/26/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	0.0011	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	0.00031 (J)	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	0.00089 (J)	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	0.00053 (J)	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/9/2024	0.0011	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	0.0013	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	0.0011	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.00052 (J)	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	0.0011	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.001 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	0.00031 (J)	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	0.001	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	<0.005	
12/6/2016	<0.005	
2/13/2017	0.0011 (J)	
4/11/2017	0.0013	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	0.0011	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.026 (J)	
2/14/2011	0.022 (J)	
3/22/2011	0.02 (J)	
4/26/2011	0.019 (I)	
10/27/2011	0.021	
5/1/2012	0.017	
11/8/2012	0.023	
5/7/2013	0.021	
11/4/2013	0.018	
5/24/2014	0.022	
11/8/2014	0.02	
5/21/2015	0.022	
11/13/2015	0.025	
4/6/2016	0.0239	
6/14/2016	0.021	
8/10/2016	0.019	
10/11/2016	0.02	
12/2/2016	0.022 (B)	
2/10/2017	0.03	
4/10/2017	0.025	
6/23/2017	0.026	
10/9/2017	0.025	
3/26/2018	0.026	
10/3/2018	0.022 (O)	
3/27/2019	0.024	
9/12/2019	0.025	
3/19/2020	0.027	
9/10/2020	0.023	
4/2/2021	0.02	
8/12/2021	0.023	
2/14/2022	0.024	
8/26/2022	0.026	
2/28/2023	0.022	
8/2/2023	0.018	
2/29/2024	0.021	
8/6/2024	0.019	
2/25/2025		0.019
7/28/2025		0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.028 (J)	
2/14/2011	0.025 (J)	
3/22/2011	0.029 (J)	
4/26/2011	0.031 (I)	
10/27/2011	0.027	
5/1/2012	0.022	
11/8/2012	0.024	
5/7/2013	0.027	
11/4/2013	0.024	
5/24/2014	0.025	
11/8/2014	0.023	
5/21/2015	0.023	
11/13/2015	0.023	
4/8/2016	0.0244	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.022	
12/5/2016	0.025	
2/10/2017	0.026	
4/7/2017	0.021	
6/26/2017	0.028	
10/9/2017	0.021	
3/26/2018	0.022	
10/3/2018	0.022	
3/27/2019	0.022	
9/12/2019	0.023	
3/19/2020	0.024	
9/10/2020	0.022	
4/2/2021	0.023	
8/12/2021	0.024	
2/15/2022	0.032	
8/26/2022	0.021	
2/28/2023	0.02	
8/3/2023	0.018	
3/4/2024	0.022	
8/8/2024	0.023	
2/25/2025		0.024
7/28/2025		0.02

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.024 (J)	
2/14/2011	0.023 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.019 (I)	
10/26/2011	0.023	
5/1/2012	0.014	
11/8/2012	0.034	
5/8/2013	0.016	
11/4/2013	0.014	
5/24/2014	0.027	
11/7/2014	0.03	
5/20/2015	0.029	
11/13/2015	0.041	
4/7/2016	0.0381	
6/14/2016	0.034	
8/9/2016	0.032	
10/10/2016	0.037	
12/2/2016	0.038 (B)	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.05	
10/3/2018	0.042	
3/27/2019	0.057	
9/12/2019	0.1 (O)	
12/2/2019	0.11 (O)	
3/19/2020	0.11 (O)	
9/11/2020	0.15 (O)	
4/2/2021	0.11 (O)	
8/12/2021	0.091	
2/14/2022	0.077	
8/31/2022	0.065	
2/28/2023	0.056	
8/3/2023	0.055	
3/4/2024	0.057	
8/8/2024	0.048	
2/26/2025		0.052
7/28/2025		0.045

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.019 (J)	
2/1/2011	0.017 (J)	
3/21/2011	0.019 (J)	
4/26/2011	0.02 (I)	
10/27/2011	0.018	
5/2/2012	0.017	
11/8/2012	0.048 (O)	
5/7/2013	0.02	
11/4/2013	0.019	
5/24/2014	0.019	
11/7/2014	0.019	
5/20/2015	0.018	
11/13/2015	0.02	
4/7/2016	0.0207	
6/14/2016	0.019	
8/9/2016	0.017	
10/10/2016	0.02	
12/2/2016	0.02 (B)	
2/10/2017	0.018	
4/7/2017	0.02	
6/23/2017	0.021	
10/10/2017	0.018	
3/23/2018	0.02	
10/4/2018	0.019	
3/27/2019	0.021	
9/12/2019	0.022	
3/19/2020	0.023	
9/11/2020	0.022	
4/5/2021	0.022	
8/12/2021	0.023	
2/14/2022	0.024	
8/31/2022	0.022	
2/28/2023	0.022	
8/3/2023	0.021	
3/4/2024	0.022	
8/8/2024	0.024	
2/26/2025		0.023
7/30/2025		0.022

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.029 (J)	
2/1/2011	0.038 (J)	
3/23/2011	0.045 (J)	
4/27/2011	0.043 (I)	
10/26/2011	0.023	
5/1/2012	0.021	
11/8/2012	0.038	
5/7/2013	0.042	
11/5/2013	0.039	
5/23/2014	0.088 (O)	
11/7/2014	0.027	
5/21/2015	0.036	
11/12/2015	0.038	
4/8/2016	0.0261	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.03	
12/5/2016	0.026	
2/10/2017	0.023	
4/7/2017	0.024	
6/22/2017	0.025	
10/10/2017	0.022	
3/22/2018	0.024	
10/5/2018	0.026	
3/27/2019	0.026	
9/12/2019	0.028	
3/20/2020	0.029	
9/11/2020	0.026	
4/5/2021	0.028	
8/13/2021	0.026	
2/14/2022	0.029	
8/31/2022	0.031	
2/28/2023	0.027	
8/3/2023	0.027 (B)	
3/4/2024	0.032	
8/8/2024	0.038	
2/26/2025		0.031
7/28/2025		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.055 (JO)	
2/14/2011	0.05 (JO)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (I)	
10/25/2011	0.02	
5/1/2012	0.017	
11/8/2012	0.012	
5/7/2013	0.022	
11/5/2013	0.012	
5/23/2014	0.02	
11/7/2014	0.012	
5/21/2015	0.011	
11/12/2015	0.012	
4/7/2016	0.0116	
6/17/2016	0.012	
8/10/2016	0.012	
10/14/2016	0.016	
12/19/2016	0.012	
2/13/2017	0.017	
4/7/2017	0.011	
6/22/2017	0.014	
10/10/2017	0.012	
3/23/2018	0.012	
10/3/2018	0.012	
3/27/2019	0.013	
9/12/2019	0.016	
3/19/2020	0.02	
9/11/2020	0.013	
4/5/2021	0.015	
8/12/2021	0.013	
2/14/2022	0.014	
8/31/2022	0.016	
2/28/2023	0.014	
8/3/2023	0.013 (B)	
3/4/2024	0.015	
8/8/2024	0.015	
2/26/2025		0.014
7/28/2025		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.021 (J)	
2/14/2011	0.021 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.021 (I)	
10/26/2011	0.019	
5/2/2012	0.018	
11/8/2012	0.018	
5/8/2013	0.017	
11/5/2013	0.019	
5/23/2014	0.021	
11/7/2014	0.019	
5/21/2015	0.02	
11/12/2015	0.019	
4/7/2016	0.0201	
6/14/2016	0.017	
8/9/2016	0.017	
10/11/2016	0.02	
12/2/2016	0.02 (B)	
2/9/2017	0.018	
4/7/2017	0.018	
6/22/2017	0.02	
10/10/2017	0.02	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.019	
9/12/2019	0.022	
3/19/2020	0.02	
9/10/2020	0.02	
4/6/2021	0.02	
8/12/2021	0.024	
2/14/2022	0.022	
8/30/2022	0.021	
3/1/2023	0.019	
8/3/2023	0.02	
3/4/2024	0.019	
8/9/2024	0.021	
2/26/2025		0.019
7/28/2025		0.02

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.016 (J)	
2/15/2011	0.016 (J)	
3/22/2011	0.014 (J)	
4/27/2011	0.016 (I)	
10/26/2011	0.015	
5/2/2012	0.012	
11/8/2012	0.015	
5/8/2013	0.014	
11/4/2013	0.016	
5/24/2014	0.015	
11/7/2014	0.016	
5/22/2015	0.015	
11/13/2015	0.016	
4/11/2016	0.0167	
6/15/2016	0.015	
8/10/2016	0.015	
10/11/2016	0.017	
12/5/2016	0.017	
2/13/2017	0.016	
4/10/2017	0.015	
6/23/2017	0.017	
10/10/2017	0.016	
3/26/2018	0.015	
10/4/2018	0.018	
3/28/2019	0.017	
9/12/2019	0.019	
3/19/2020	0.019	
9/10/2020	0.02	
4/6/2021	0.018	
8/13/2021	0.021	
2/14/2022	0.02	
8/31/2022	0.025	
3/1/2023	0.02	
8/3/2023	0.019 (B)	
3/4/2024	0.025	
8/8/2024	0.02	
2/26/2025		0.018
7/28/2025		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.013	
5/2/2012	0.0084 (I)	
11/8/2012	0.012	
5/8/2013	0.013	
11/4/2013	0.012	
5/24/2014	0.012	
11/8/2014	0.01	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.0132	
6/15/2016	0.011	
8/10/2016	0.012	
10/11/2016	0.012	
12/2/2016	0.012 (B)	
2/13/2017	0.013	
4/7/2017	0.01	
6/22/2017	0.012	
10/10/2017	0.011	
3/23/2018	0.011	
10/4/2018	0.012	
3/28/2019	0.012	
9/12/2019	0.013	
3/19/2020	0.013	
9/10/2020	0.013	
4/6/2021	0.013	
8/13/2021	0.029	
2/14/2022	0.018	
8/31/2022	0.015	
3/1/2023	0.038	
8/3/2023	0.013	
3/4/2024	0.014	
8/8/2024	0.014	
2/26/2025		0.014
7/28/2025		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (I)	
11/8/2012	0.01	
5/8/2013	0.0094 (J)	
11/4/2013	0.0094 (J)	
5/24/2014	0.0094 (J)	
11/7/2014	0.0094 (J)	
5/22/2015	0.0092 (J)	
11/13/2015	0.0095 (J)	
4/11/2016	0.0105	
6/16/2016	0.0089 (J)	
8/10/2016	0.0082	
10/13/2016	0.0088	
12/5/2016	0.01	
2/13/2017	0.0097	
4/10/2017	0.0082	
6/23/2017	0.01	
10/11/2017	0.0092	
3/26/2018	0.0094	
10/4/2018	0.0093	
3/27/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.011	
9/11/2020	0.01	
4/5/2021	0.01	
8/13/2021	0.019	
2/15/2022	0.011	
8/31/2022	0.011	
2/28/2023	0.01	
8/3/2023	0.011	
3/4/2024	0.011	
8/8/2024	0.012	
2/26/2025		0.011
7/25/2025		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01 (J)	
2/15/2011	0.0086 (J)	
3/21/2011	0.009 (J)	
4/28/2011	0.012 (I)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (I)	
11/9/2012	0.0091 (J)	
5/8/2013	0.0096 (J)	
11/4/2013	0.012	
5/24/2014	0.011	
11/7/2014	0.011	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.012	
6/16/2016	0.011	
8/11/2016	0.012 (B)	
10/13/2016	0.012	
12/5/2016	0.013	
2/13/2017	0.012	
4/11/2017	0.012	
6/24/2017	0.013	
10/11/2017	0.012	
3/26/2018	0.013	
10/4/2018	0.013	
3/28/2019	0.014	
9/12/2019	0.017	
3/19/2020	0.018	
9/11/2020	0.017	
4/5/2021	0.019	
8/17/2021	0.02	
2/14/2022	0.021	
8/31/2022	0.022	
3/1/2023		0.023
8/3/2023		0.021
3/4/2024		0.025
8/8/2024		0.029
2/26/2025		0.033
7/28/2025		0.028

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	0.1	
3/21/2011	0.1	
4/27/2011	0.091 (I)	
10/26/2011	0.1	
5/1/2012	0.095	
11/9/2012	0.093	
5/8/2013	0.077	
11/4/2013	0.083	
5/24/2014	0.07	
11/7/2014	0.065	
5/20/2015	0.058	
11/13/2015	0.058	
4/8/2016	0.0619	
6/16/2016	0.052	
8/11/2016	0.044 (B)	
10/13/2016	0.049	
12/6/2016	0.047	
2/13/2017	0.05	
4/11/2017	0.053	
6/24/2017	0.054	
10/11/2017	0.05	
3/26/2018	0.05	
10/4/2018	0.042	
3/28/2019	0.045	
9/12/2019	0.043	
3/19/2020	0.047	
9/11/2020	0.044	
4/6/2021	0.041	
8/13/2021	0.038	
2/14/2022	0.042	
8/31/2022	0.036	
2/28/2023	0.039	
8/3/2023	0.033	
3/4/2024	0.036	
8/8/2024	0.036	
2/25/2025		0.032
7/28/2025		0.031

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00019 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		0.00022 (J)
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	2E-05 (J)	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0007	
2/1/2011	<0.0007	
3/23/2011	<0.0007	
4/27/2011	<0.0007	
10/26/2011	<0.0007	
5/1/2012	<0.0007	
11/8/2012	<0.0007	
5/7/2013	<0.0007	
11/5/2013	<0.0007	
5/23/2014	<0.0007	
11/7/2014	<0.0007	
5/21/2015	<0.0007	
11/12/2015	<0.0007	
4/8/2016	<0.0007	
6/14/2016	<0.0007	
8/9/2016	<0.0007	
10/11/2016	<0.0007	
12/5/2016	<0.0007	
2/10/2017	<0.0007	
4/7/2017	0.0016 (J)	
6/22/2017	<0.0007	
10/10/2017	<0.0007	
3/22/2018	<0.0007	
10/5/2018	<0.0007	
3/27/2019	<0.0007	
9/12/2019	<0.0007	
3/20/2020	<0.0007	
9/11/2020	<0.0007	
4/5/2021	<0.0007	
8/13/2021	<0.0007	
2/14/2022	<0.0007	
8/31/2022	<0.0007	
2/28/2023	<0.0007	
8/3/2023	<0.0007	
3/4/2024	<0.0007	
8/8/2024	<0.0007	
2/26/2025		<0.0007
7/28/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0007	
2/15/2011	<0.0007	
3/22/2011	<0.0007	
4/27/2011	<0.0007	
10/26/2011	<0.0007	
5/2/2012	<0.0007	
11/8/2012	<0.0007	
5/8/2013	<0.0007	
11/4/2013	<0.0007	
5/24/2014	<0.0007	
11/8/2014	<0.0007	
5/22/2015	<0.0007	
11/13/2015	<0.0007	
4/11/2016	<0.0007	
6/15/2016	7.4E-05 (J)	
8/10/2016	<0.0007	
10/11/2016	<0.0007	
12/2/2016	<0.0007	
2/13/2017	<0.0007	
4/7/2017	<0.0007	
6/22/2017	<0.0007	
10/10/2017	<0.0007	
3/23/2018	<0.0007	
10/4/2018	<0.0007	
3/28/2019	<0.0007	
9/12/2019	<0.0007	
3/19/2020	<0.0007	
9/10/2020	<0.0007	
4/6/2021	<0.0007	
8/13/2021	<0.0007	
2/14/2022	<0.0007	
8/31/2022	<0.0007	
3/1/2023	<0.0007	
8/3/2023	<0.0007	
3/4/2024	<0.0007	
8/8/2024	<0.0007	
2/26/2025		<0.0007
7/28/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0007	
2/15/2011	<0.0007	
3/21/2011	<0.0007	
4/28/2011	<0.0007	
10/26/2011	<0.0007	
5/1/2012	<0.0007	
11/9/2012	<0.0007	
5/8/2013	<0.0007	
11/4/2013	<0.0007	
5/24/2014	<0.0007	
11/7/2014	<0.0007	
5/22/2015	<0.0007	
11/13/2015	<0.0007	
4/11/2016	<0.0007	
6/16/2016	0.00017 (J)	
8/11/2016	<0.0007	
10/13/2016	<0.0007	
12/5/2016	<0.0007	
2/13/2017	<0.0007	
4/11/2017	<0.0007	
6/24/2017	<0.0007	
10/11/2017	<0.0007	
3/26/2018	<0.0007	
10/4/2018	<0.0007	
3/28/2019	<0.0007	
9/12/2019	<0.0007	
3/19/2020	<0.0007	
9/11/2020	<0.0007	
4/5/2021	<0.0007	
8/17/2021	<0.0007	
2/14/2022	<0.0007	
8/31/2022	<0.0007	
3/1/2023	<0.0007	
8/3/2023	<0.0007	
3/4/2024	<0.0007	
8/8/2024	<0.0007	
2/26/2025		<0.0007
7/28/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.0007	
2/14/2011	<0.0007	
3/21/2011	<0.0007	
4/27/2011	<0.0007	
10/26/2011	<0.0007	
5/1/2012	<0.0007	
11/9/2012	<0.0007	
5/8/2013	<0.0007	
11/4/2013	<0.0007	
5/24/2014	<0.0007	
11/7/2014	<0.0007	
5/20/2015	<0.0007	
11/13/2015	<0.0007	
4/8/2016	<0.0007	
6/16/2016	<0.0007	
8/11/2016	<0.0007	
10/13/2016	<0.0007	
12/6/2016	<0.0007	
2/13/2017	<0.0007	
4/11/2017	<0.0007	
6/24/2017	<0.0007	
10/11/2017	<0.0007	
3/26/2018	<0.0007	
10/4/2018	<0.0007	
3/28/2019	<0.0007	
9/12/2019	<0.0007	
3/19/2020	<0.0007	
9/11/2020	<0.0007	
4/6/2021	<0.0007	
8/13/2021	<0.0007	
2/14/2022	<0.0007	
8/31/2022	<0.0007	
2/28/2023	<0.0007	
8/3/2023	<0.0007	
3/4/2024	<0.0007	
8/8/2024	<0.0007	
2/25/2025		9E-05 (J)
7/28/2025		<0.0007

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.0052	
2/14/2011	0.0057	
3/22/2011	0.0055	
4/26/2011	0.0069	
10/27/2011	0.011	
5/1/2012	0.0056	
11/8/2012	<0.005	
5/7/2013	0.0036 (J)	
11/4/2013	0.0032 (JV)	
5/24/2014	0.0043 (J)	
11/8/2014	<0.005	
5/21/2015	0.002 (J)	
11/13/2015	<0.005	
4/6/2016	0.00278 (J)	
6/14/2016	0.0014 (J)	
8/10/2016	0.0019 (J)	
10/11/2016	0.0024 (J)	
12/2/2016	0.0023 (J)	
2/10/2017	0.0021 (J)	
4/10/2017	0.002 (J)	
6/23/2017	0.0018 (J)	
10/9/2017	0.0016 (J)	
3/26/2018	0.0011 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	0.003	
9/12/2019	0.0047 (B)	
3/19/2020	0.0026	
9/10/2020	0.0019 (J)	
4/2/2021	0.0029	
8/12/2021	0.0016 (J)	
2/14/2022	0.0026	
8/26/2022	0.0016 (J)	
2/28/2023	0.0024	
8/2/2023	0.0028	
2/29/2024	0.0021	
8/6/2024	0.0021	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0029 (J)	
2/14/2011	0.0027 (J)	
3/22/2011	0.0049 (J)	
4/26/2011	0.0048 (I)	
10/27/2011	0.0023 (J)	
5/1/2012	0.0051	
11/8/2012	0.0034 (J)	
5/7/2013	0.0078	
11/4/2013	0.0055 (JV)	
5/24/2014	0.0075 (J)	
11/8/2014	0.0048 (J)	
5/21/2015	0.0082 (J)	
11/13/2015	0.0079 (J)	
4/8/2016	0.00878 (J)	
6/14/2016	0.0071 (J)	
8/9/2016	0.0079	
10/11/2016	0.0069	
12/5/2016	0.0077	
2/10/2017	0.0098	
4/7/2017	0.0081	
6/26/2017	0.0084	
10/9/2017	0.0082	
3/26/2018	0.0088	
10/3/2018	0.0086	
3/27/2019	0.0078	
9/12/2019	0.0092 (B)	
3/19/2020	0.011	
9/10/2020	0.0077	
4/2/2021	0.01	
8/12/2021	0.008	
2/15/2022	0.013	
8/26/2022	0.0078	
2/28/2023	0.01	
8/3/2023	0.0089	
3/4/2024	0.011	
8/8/2024	0.013	
2/25/2025		0.01
7/28/2025		0.016

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	0.0025 (J)	
11/13/2015	0.0042 (J)	
4/7/2016	<0.005	
6/14/2016	0.00055 (J)	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	0.0012 (J)	
3/4/2024	0.0016 (J)	
8/8/2024	<0.005	
2/26/2025		0.0012 (J)
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0036 (J)	
2/1/2011	0.0037 (J)	
3/21/2011	0.004 (J)	
4/26/2011	0.0037 (I)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (JV)	
5/24/2014	0.005 (J)	
11/7/2014	0.004 (J)	
5/20/2015	0.0062 (J)	
11/13/2015	0.0067 (J)	
4/7/2016	0.00467 (J)	
6/14/2016	0.0041 (J)	
8/9/2016	0.0041	
10/10/2016	0.0041	
12/2/2016	0.0039	
2/10/2017	0.0044	
4/7/2017	0.0046	
6/23/2017	0.005	
10/10/2017	0.0088	
3/23/2018	0.0045	
10/4/2018	0.0047	
3/27/2019	0.0048	
9/12/2019	0.0051 (B)	
3/19/2020	0.0043	
9/11/2020	0.0042	
4/5/2021	0.0041	
8/12/2021	0.0045	
2/14/2022	0.0047	
8/31/2022	0.0048	
2/28/2023	0.0047	
8/3/2023	0.0053	
3/4/2024	0.0048	
8/8/2024	0.006	
2/26/2025		0.0048
7/30/2025		0.0044 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0064	
2/1/2011	0.015	
3/23/2011	0.0084	
4/27/2011	0.011	
10/26/2011	0.0061	
5/1/2012	0.0072	
11/8/2012	0.015	
5/7/2013	0.044	
11/5/2013	0.023	
5/23/2014	0.022	
11/7/2014	0.013	
5/21/2015	0.029	
11/12/2015	0.045	
4/8/2016	0.00752 (J)	
6/14/2016	0.007 (J)	
8/9/2016	0.008	
10/11/2016	0.0079	
12/5/2016	0.0057	
2/10/2017	0.0062	
4/7/2017	0.0072	
6/22/2017	0.0074	
10/10/2017	0.0072	
3/22/2018	0.0074	
10/5/2018	0.0083	
3/27/2019	0.0081	
9/12/2019	0.0088 (B)	
3/20/2020	0.0085	
9/11/2020	0.0081	
4/5/2021	0.0084	
8/13/2021	0.0082	
2/14/2022	0.0086	
8/31/2022	0.0084	
2/28/2023	0.0084	
8/3/2023	0.0092	
3/4/2024	0.01	
8/8/2024	0.012	
2/26/2025		0.01
7/28/2025		0.009

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.005	
10/25/2011	0.0062	
5/1/2012	0.011	
11/8/2012	0.0089	
5/7/2013	0.019	
11/5/2013	0.0057 (JV)	
5/23/2014	0.0084 (J)	
11/7/2014	0.011	
5/21/2015	0.013	
11/12/2015	0.015	
4/7/2016	0.00498 (J)	
6/17/2016	0.004 (J)	
8/10/2016	0.0047	
10/14/2016	0.0056	
12/19/2016	0.0039	
2/13/2017	0.0059	
4/7/2017	0.0051	
6/22/2017	0.005	
10/10/2017	0.005	
3/23/2018	0.005	
10/3/2018	0.0051	
3/27/2019	0.0051	
9/12/2019	0.0085 (B)	
3/19/2020	0.0063	
9/11/2020	0.0053	
4/5/2021	0.0061	
8/12/2021	0.0058	
2/14/2022	0.0058	
8/31/2022	0.0059	
2/28/2023	0.0058	
8/3/2023	0.0056	
3/4/2024	0.0063	
8/8/2024	0.0061	
2/26/2025		0.0061
7/28/2025		0.0057

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.0073	
2/14/2011	0.0051	
3/21/2011	0.0067	
4/26/2011	0.0065	
10/26/2011	0.0068	
5/2/2012	0.011	
11/8/2012	0.0052	
5/8/2013	0.0059	
11/5/2013	0.0044 (JV)	
5/23/2014	0.0087 (J)	
11/7/2014	0.0048 (J)	
5/21/2015	0.006 (J)	
11/12/2015	0.007 (J)	
4/7/2016	0.0056 (J)	
6/14/2016	0.0048 (J)	
8/9/2016	0.0053	
10/11/2016	0.0058	
12/2/2016	0.0071	
2/9/2017	0.0051	
4/7/2017	0.006	
6/22/2017	0.0056	
10/10/2017	0.0073	
3/22/2018	0.0051	
10/3/2018	0.0052	
3/27/2019	0.0056	
9/12/2019	0.0075 (B)	
3/19/2020	0.0055	
9/10/2020	0.0063	
4/6/2021	0.0055	
8/12/2021	0.0096	
2/14/2022	0.0076	
8/30/2022	0.0064	
3/1/2023	0.0057	
8/3/2023	0.0065	
3/4/2024	0.006	
8/9/2024	0.0059	
2/26/2025		0.0057
7/28/2025		0.0062

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0026 (J)	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	0.002 (I)	
10/26/2011	0.002 (J)	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0027 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.005	
5/22/2015	0.0034 (J)	
11/13/2015	0.0038 (J)	
4/11/2016	<0.005	
6/15/2016	0.0015 (J)	
8/10/2016	0.0014 (J)	
10/11/2016	0.0017 (J)	
12/5/2016	0.0014 (J)	
2/13/2017	0.0016 (J)	
4/10/2017	0.0014 (J)	
6/23/2017	0.0014 (J)	
10/10/2017	0.0039	
3/26/2018	0.0013 (J)	
10/4/2018	0.0014 (J)	
3/28/2019	0.0012 (J)	
9/12/2019	0.0021 (JB)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	0.0012 (J)	
8/8/2024	0.0012 (J)	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.0034 (J)	
2/15/2011	0.0034 (J)	
3/22/2011	0.0037 (J)	
4/27/2011	0.0038 (I)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (I)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.002	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	0.0041 (J)	
8/10/2016	0.0047	
10/11/2016	0.0048	
12/2/2016	0.0043	
2/13/2017	0.0047	
4/7/2017	0.0044	
6/22/2017	0.0045	
10/10/2017	0.005	
3/23/2018	0.0042	
10/4/2018	0.005	
3/28/2019	0.0043	
9/12/2019	0.006 (B)	
3/19/2020	0.0047	
9/10/2020	0.0047	
4/6/2021	0.0044	
8/13/2021	0.0089	
2/14/2022	0.0046	
8/31/2022	0.004	
3/1/2023	<0.002	
8/3/2023	0.0042	
3/4/2024	0.0042	
8/8/2024	0.0037	
2/26/2025		0.0032
7/28/2025		0.0037 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0036 (J)	
2/15/2011	0.0038 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0042 (I)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (I)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.003 (J)	
11/7/2014	<0.01	
5/22/2015	0.0023 (J)	
11/13/2015	0.0042 (J)	
4/11/2016	0.00309 (J)	
6/16/2016	0.0025 (J)	
8/10/2016	0.0023 (J)	
10/13/2016	0.0028	
12/5/2016	0.0032	
2/13/2017	0.0021 (J)	
4/10/2017	0.0022 (J)	
6/23/2017	0.0025	
10/11/2017	0.0027	
3/26/2018	0.0028	
10/4/2018	0.0041	
3/27/2019	0.0044	
9/12/2019	0.0043 (B)	
3/19/2020	0.0032	
9/11/2020	0.0041	
4/5/2021	0.0054	
8/13/2021	0.0087	
2/15/2022	0.0054	
8/31/2022	0.0047	
2/28/2023	0.0047	
8/3/2023	0.0063	
3/4/2024	0.0064	
8/8/2024	0.0064	
2/26/2025		0.0078
7/25/2025		0.0073

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0087	
3/21/2011	0.0083	
4/28/2011	0.0076	
10/26/2011	0.0078	
5/1/2012	0.0049 (I)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013 (V)	
5/24/2014	0.012	
11/7/2014	0.0084 (J)	
5/22/2015	0.0096 (J)	
11/13/2015	0.011	
4/11/2016	0.0101	
6/16/2016	0.01	
8/11/2016	0.0097	
10/13/2016	0.012	
12/5/2016	0.012	
2/13/2017	0.011	
4/11/2017	0.011	
6/24/2017	0.0095	
10/11/2017	0.0096	
3/26/2018	0.012	
10/4/2018	0.016	
3/28/2019		0.019
9/12/2019		0.027 (B)
3/19/2020		0.029
9/11/2020		0.028
4/5/2021		0.031
8/17/2021		0.034
2/14/2022		0.036
8/31/2022		0.038
3/1/2023		0.038
8/3/2023		0.035
3/4/2024		0.033
8/8/2024		0.033
2/26/2025		0.026
7/28/2025		0.027

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	0.0033 (J)	
5/1/2012	0.0025 (I)	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0035 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.005	
5/20/2015	0.0021 (J)	
11/13/2015	0.0041 (J)	
4/8/2016	0.0053 (J)	
6/16/2016	0.0014 (J)	
8/11/2016	0.0013 (J)	
10/13/2016	0.0018 (J)	
12/6/2016	0.0014 (J)	
2/13/2017	0.0021 (J)	
4/11/2017	0.0012 (J)	
6/24/2017	0.0017 (J)	
10/11/2017	0.0013 (J)	
3/26/2018	0.0014 (J)	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.002 (JB)	
3/19/2020	<0.005	
9/11/2020	0.0023	
4/6/2021	<0.005	
8/13/2021	0.0019 (J)	
2/14/2022	0.0018 (J)	
8/31/2022	0.002	
2/28/2023	0.003	
8/3/2023	<0.005	
3/4/2024	0.0013 (J)	
8/8/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
6/14/2016	6.6E-05 (J)	
8/10/2016	<0.005	
10/11/2016	0.00047 (J)	
12/2/2016	0.0014 (J)	
2/10/2017	0.00052 (J)	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/9/2017	0.00053 (J)	
3/26/2018	0.00088 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	<0.005	
9/12/2019	0.0004 (J)	
3/19/2020	0.00015 (J)	
9/10/2020	0.00019 (J)	
4/2/2021	0.00016 (J)	
8/12/2021	0.00028 (J)	
2/14/2022	<0.005	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/2/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	0.00056 (J)	
2/25/2025		0.00023 (J)
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0038 (JO)	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	0.00042 (J)	
8/9/2016	0.00068 (J)	
10/11/2016	<0.005	
12/5/2016	0.0012 (J)	
2/10/2017	0.0013 (J)	
4/7/2017	<0.005	
6/26/2017	0.00073 (J)	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	0.00014 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	0.00015 (J)	
2/15/2022	0.00054 (J)	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.012 (o)	
2/14/2011	0.0093 (Jo)	
3/21/2011	0.0076 (Jo)	
4/26/2011	0.0058 (Io)	
10/26/2011	0.005 (Jo)	
5/1/2012	0.0032 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	0.0031 (J)	
8/9/2016	0.0023 (J)	
10/10/2016	0.0024 (J)	
12/2/2016	0.0021 (J)	
2/9/2017	0.00096 (J)	
4/7/2017	0.0034	
6/22/2017	0.0029	
10/10/2017	0.0025	
3/22/2018	0.0015 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.00083 (J)	
9/12/2019	0.0018 (J)	
3/19/2020	0.0005 (J)	
9/11/2020	0.0035	
4/2/2021	0.002 (J)	
8/12/2021	0.0024 (J)	
2/14/2022	0.00059 (J)	
8/31/2022	0.0012 (JB)	
2/28/2023	0.00097 (J)	
8/3/2023	0.0011 (J)	
3/4/2024	0.0004 (J)	
8/8/2024	0.0012 (J)	
2/26/2025		0.00072 (J)
7/28/2025		0.00084 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	3.8E-05 (J)	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	9.5E-05 (J)	
3/19/2020	0.00025 (J)	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0033 (JO)	
2/1/2011	0.003 (J)	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	0.0048 (JO)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	4.2E-05 (J)	
8/9/2016	<0.005	
10/11/2016	0.00052 (J)	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.00011 (J)	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	0.00017 (J)	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	0.0039 (O)	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	0.00017 (J)	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	0.00029 (J)	
9/11/2020	<0.005	
4/5/2021	0.00019 (J)	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	0.0004 (J)	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.00017 (J)	
3/19/2020	<0.005	
9/10/2020	0.0002 (J)	
4/6/2021	<0.005	
8/12/2021	0.00072 (J)	
2/14/2022	0.00039 (J)	
8/30/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/9/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	0.00015 (J)	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	0.00074 (J)	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	0.01	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	3.8E-05 (J)	
8/10/2016	<0.005	
10/13/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.00012 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	0.0002 (J)	
8/13/2021	0.00059 (J)	
2/15/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	7E-05 (J)	
8/11/2016	<0.005	
10/13/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	<0.005	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0051 (J)	
2/14/2011	0.0038 (J)	
3/21/2011	0.0037 (J)	
4/27/2011	<0.005	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (I)	
11/9/2012	0.007 (J)	
5/8/2013	0.0047 (J)	
11/4/2013	0.0096 (J)	
5/24/2014	0.0097 (J)	
11/7/2014	0.012	
5/20/2015	0.011	
11/13/2015	0.013	
4/8/2016	0.00315 (J)	
6/16/2016	0.0062 (J)	
8/11/2016	0.0092	
10/13/2016	0.0045	
12/6/2016	0.0043	
2/13/2017	0.011	
4/11/2017	0.012	
6/24/2017	0.011	
10/11/2017	0.016	
3/26/2018	0.0069	
10/4/2018	0.016	
3/28/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.0083	
9/11/2020	0.002 (J)	
4/6/2021	0.0062	
8/13/2021	0.015	
2/14/2022	0.011	
8/31/2022	0.014 (B)	
2/28/2023	0.0038	
8/3/2023	0.013	
3/4/2024	0.0067	
8/8/2024	0.01	
2/25/2025		0.012
7/28/2025		0.015

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.0028 (JO)	
11/13/2015	<0.002	
4/6/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	0.0023	
4/2/2021	<0.002	
8/12/2021	0.00066 (J)	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023	<0.002	
8/2/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002
7/28/2025		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.003 (J)	
11/13/2015	0.078 (O)	
4/8/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	0.0015 (J)	
8/26/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	0.0025	
8/8/2024	<0.002	
2/25/2025		<0.002
7/28/2025		0.0019

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.0021 (J)	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	0.0034 (J)	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	0.002 (J)	
5/20/2015	0.0024 (J)	
11/13/2015	<0.002	
4/7/2016	<0.002	
10/10/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	0.00072 (J)	
9/11/2020	0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	0.0068	
8/8/2024	<0.002	
2/26/2025		<0.002
7/28/2025		0.00075

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0065 (J)	
2/1/2011	0.018	
3/23/2011	0.022	
4/27/2011	0.02	
10/26/2011	0.0025 (J)	
5/1/2012	0.0022 (I)	
11/8/2012	0.015	
5/7/2013	0.02	
11/5/2013	0.014	
5/23/2014	0.06 (O)	
11/7/2014	0.0032 (J)	
5/21/2015	0.017 (JV)	
11/12/2015	0.01 (J)	
4/8/2016	<0.002	
10/11/2016	0.0051	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	0.0011 (J)	
9/11/2020	<0.002	
4/5/2021	0.0019 (J)	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002
7/28/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0084 (J)	
2/14/2011	0.013 (O)	
3/23/2011	0.0061 (J)	
4/27/2011	<0.002	
10/25/2011	0.002 (J)	
5/1/2012	0.0027 (I)	
11/8/2012	<0.002	
5/7/2013	0.0039 (J)	
11/5/2013	<0.002	
5/23/2014	0.0029 (J)	
11/7/2014	<0.002	
5/21/2015	0.0031 (J)	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/14/2016	0.0024 (J)	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	0.00083 (J)	
3/19/2020	0.0022	
9/11/2020	<0.002	
4/5/2021	0.00093 (J)	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002
7/28/2025		0.00069 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	0.0031	
2/14/2022	0.0014 (J)	
8/30/2022	<0.002	
3/1/2023	0.0011 (J)	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/9/2024	<0.002	
2/26/2025		<0.002
7/28/2025		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	0.0031 (JO)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/10/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
3/1/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002
7/28/2025		0.0019

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	0.0031 (JO)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0046	
2/14/2022	0.0013 (J)	
8/31/2022	<0.002	
3/1/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002
7/28/2025		0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/10/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	0.0013 (J)	
4/5/2021	<0.002	
8/13/2021	0.0025	
2/15/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	0.0012 (J)	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002
7/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.002	
2/15/2011	<0.002	
3/21/2011	<0.002	
4/28/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/11/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/17/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
3/1/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002
7/28/2025		0.00088

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	0.0028 (J)	
3/22/2011	0.0021 (J)	
4/26/2011	0.003 (I)	
10/27/2011	0.0028 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0044 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	0.0032 (J)	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.0022	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/2/2023	<0.001	
2/29/2024	0.00023 (J)	
8/6/2024	<0.001	
2/25/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	0.002 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	0.0033 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0048 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.0021 (J)	
5/21/2015	0.002 (J)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00018 (J)	
8/12/2021	<0.001	
2/15/2022	0.00025 (J)	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	0.002	
8/8/2024	<0.001	
2/25/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	0.0024 (J)	
3/21/2011	<0.001	
4/26/2011	0.0027 (I)	
10/26/2011	0.0026 (J)	
5/1/2012	<0.001	
11/8/2012	0.0023 (J)	
5/8/2013	0.0026 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.005 (J)	
11/13/2015	0.0031 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00019 (J)	
9/11/2020	0.0016	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	0.0024 (I)	
10/27/2011	0.0025 (J)	
5/2/2012	<0.001	
11/8/2012	0.003 (J)	
5/7/2013	0.0029 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0037 (J)	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/30/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0027 (J)	
3/23/2011	0.0041 (J)	
4/27/2011	0.0054	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0022 (J)	
5/7/2013	0.0062	
11/5/2013	<0.001	
5/23/2014	0.0026 (J)	
11/7/2014	0.0022 (J)	
5/21/2015	0.0049 (J)	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	0.00096 (J)	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	0.0029 (J)	
3/23/2011	0.0028 (J)	
4/27/2011	0.0038 (I)	
10/25/2011	0.0043 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0064	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	0.0026 (J)	
5/21/2015	0.0038 (J)	
11/12/2015	0.0021 (J)	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0002 (J)	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	0.0032 (J)	
3/21/2011	0.0038 (J)	
4/26/2011	0.0046 (I)	
10/26/2011	0.0024 (J)	
5/2/2012	<0.001	
11/8/2012	0.0021 (J)	
5/8/2013	0.006	
11/5/2013	0.0023 (J)	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	0.0062 (J)	
11/12/2015	0.0035 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	0.00043 (J)	
8/9/2024	<0.001	
2/26/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	0.0021 (J)	
3/22/2011	0.0027 (J)	
4/27/2011	0.0024 (I)	
10/26/2011	0.0021 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0038 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	0.0028 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0028 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0043 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0042 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00054 (J)	
2/14/2022	0.00019 (J)	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	0.0032 (J)	
3/22/2011	0.0024 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0023 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0035 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	0.00041 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	0.0015	
4/5/2021	<0.001	
8/13/2021	0.00022 (J)	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	0.0034 (J)	
3/21/2011	0.004 (J)	
4/28/2011	0.0036 (I)	
10/26/2011	0.0038 (J)	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0059	
11/4/2013	0.0027 (J)	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.006 (J)	
11/13/2015	0.0024 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	0.0034 (O)	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0026 (JO)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00017 (J)	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/6/2016	<0.0002	
6/14/2016	<0.0002	
8/10/2016	8.2E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	7E-05 (JB)	
10/3/2018	8.8E-05 (JB)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023	<0.0002	
8/2/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	9.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	<0.0002	
10/3/2018	0.0001425 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/25/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	0.00013 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	0.00011 (J)	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	8.8E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/23/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002
7/30/2025		0.00018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.1E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/11/2016	8.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/22/2018	<0.0002	
10/5/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/20/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:04 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/25/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.4E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/17/2016	<0.0002	
8/10/2016	0.00011 (JB)	
10/14/2016	<0.0002	
12/19/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/23/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.5E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.00014 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/30/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/9/2024	<0.0002	
2/26/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	8.5E-05 (JB)	
10/11/2016	9.2E-05 (JB)	
12/5/2016	0.0001 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (JB)	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	7.9E-05 (JB)	
10/11/2016	0.00011 (JB)	
12/2/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/23/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/10/2016	9E-05 (J)	
10/13/2016	<0.0002	
12/5/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/15/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002
7/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0002	
2/15/2011	<0.0002	
3/21/2011	<0.0002	
4/28/2011	<0.0002	
10/26/2011	8.2E-05 (J)	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00011 (JB)	
10/13/2016	<0.0002	
12/5/2016	0.00013 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/17/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	9E-05 (J)	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (JB)	
10/13/2016	<0.0002	
12/6/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/25/2025		<0.0002
7/28/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
10/11/2016	<0.001	
4/10/2017	<0.001	
10/9/2017	0.0024 (JO)	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00037 (J)	
9/10/2020	0.00095 (J)	
4/2/2021	0.00046 (J)	
8/12/2021	0.0011	
2/14/2022	<0.001	
8/26/2022	0.0012 (B)	
2/28/2023	0.0015	
8/2/2023	0.00086 (J)	
2/29/2024	0.00097 (J)	
8/6/2024	0.00096 (J)	
2/25/2025		0.00099 (J)
7/28/2025		0.00086 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.003 (JO)	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	0.00049 (J)	
8/12/2021	0.00042 (J)	
2/15/2022	0.0014	
8/26/2022	0.00065 (JB)	
2/28/2023	0.00091 (J)	
8/3/2023	0.00067 (J)	
3/4/2024	0.00055 (J)	
8/8/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00061 (J)	
3/19/2020	0.00074 (J)	
9/11/2020	0.001	
4/2/2021	0.00077 (J)	
8/12/2021	0.00092 (J)	
2/14/2022	<0.001	
8/31/2022	0.00065 (JB)	
2/28/2023	0.00064 (J)	
8/3/2023	0.00067 (J)	
3/4/2024	0.0011	
8/8/2024	0.00048 (J)	
2/26/2025		0.00053 (J)
7/28/2025		0.00073 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	0.0035 (JO)	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	<0.005	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0004 (J)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.00056 (JB)	
2/28/2023	<0.005	
8/3/2023	0.00045 (J)	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		0.00049 (J)
7/30/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.003 (J)	
2/1/2011	0.0072	
3/23/2011	<0.005	
4/27/2011	0.003 (I)	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	0.0066	
5/7/2013	0.022	
11/5/2013	0.0093	
5/23/2014	0.0045 (J)	
11/7/2014	0.0049 (J)	
5/21/2015	0.012	
11/12/2015	0.019	
4/8/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0052	
2/14/2011	0.016	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	0.0035 (I)	
11/8/2012	0.0046 (J)	
5/7/2013	0.0087	
11/5/2013	0.0036 (J)	
5/23/2014	<0.005	
11/7/2014	0.0064	
5/21/2015	0.0045 (J)	
11/12/2015	0.0036 (J)	
4/7/2016	<0.005	
10/14/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	0.0004 (J)	
9/11/2020	<0.005	
4/5/2021	0.00034 (J)	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00043 (J)	
3/19/2020	<0.001	
9/10/2020	0.00062 (J)	
4/6/2021	<0.001	
8/12/2021	0.0019	
2/14/2022	0.00088 (J)	
8/30/2022	0.00074 (JB)	
3/1/2023	<0.001	
8/3/2023	0.00046 (J)	
3/4/2024	<0.001	
8/9/2024	<0.001	
2/26/2025		<0.001
7/28/2025		0.00045 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0032 (J)	
11/13/2015	<0.005	
4/11/2016	0.00388 (J)	
10/11/2016	0.0047	
4/10/2017	0.0042	
10/10/2017	0.0037	
3/26/2018	0.0037	
10/4/2018	0.0037	
3/28/2019	0.0038	
9/12/2019	0.0035	
3/19/2020	0.0039	
9/10/2020	0.0035	
4/6/2021	0.0042 (B)	
8/13/2021	0.0037	
2/14/2022	0.0034	
8/31/2022	0.0033 (B)	
3/1/2023	0.0038	
8/3/2023	0.0031	
3/4/2024	0.0028	
8/8/2024	0.0025	
2/26/2025		0.0027
7/28/2025		0.004 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/11/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021	0.0019 (B)	
8/13/2021	0.0036	
2/14/2022	0.0026	
8/31/2022	0.0031 (B)	
3/1/2023	0.0073	
8/3/2023	0.0033	
3/4/2024	0.0029	
8/8/2024	0.003	
2/26/2025		0.0032
7/28/2025		0.0045 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/13/2016	<0.0025	
4/10/2017	<0.0025	
10/11/2017	0.0018 (J)	
3/26/2018	0.0021 (J)	
10/4/2018	0.0024 (J)	
3/27/2019	0.0024 (J)	
9/12/2019	0.0019	
3/19/2020	0.0021	
9/11/2020	0.002	
4/5/2021	0.002	
8/13/2021	0.0034	
2/15/2022	0.0024	
8/31/2022	0.0025 (B)	
2/28/2023	0.0028	
8/3/2023	0.0028	
3/4/2024	0.0024	
8/8/2024	0.0027	
2/26/2025		0.0024
7/25/2025		0.0026

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.006	
2/14/2011	0.0067	
3/21/2011	0.0066	
4/27/2011	0.0077	
10/26/2011	0.0063	
5/1/2012	0.0068	
11/9/2012	0.0067	
5/8/2013	0.0066	
11/4/2013	0.0072	
5/24/2014	0.0053	
11/7/2014	0.0052	
5/20/2015	0.0067	
11/13/2015	0.0063	
4/8/2016	0.0076 (J)	
10/13/2016	0.0073	
4/11/2017	0.0075	
10/11/2017	0.0072	
3/26/2018	0.0075	
10/4/2018	0.0073	
3/28/2019	0.0069	
9/12/2019	0.007	
3/19/2020	0.007	
9/11/2020	0.0074	
4/6/2021	0.0072 (B)	
8/13/2021	0.0073	
2/14/2022	0.0071	
8/31/2022	0.0069 (B)	
2/28/2023	0.0073	
8/3/2023	0.0071	
3/4/2024	0.0077	
8/8/2024	0.0077	
2/25/2025		0.0078
7/28/2025		0.0075

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	0.0048 (JV)	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041 (J)	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	0.0032	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0048 (J)	
11/4/2013	<0.005	
5/24/2014	0.0042 (J)	
11/7/2014	<0.005	
5/20/2015	0.0093 (JO)	
11/13/2015	0.0061 (JO)	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0004 (J)	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	0.00076 (J)	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.0064 (JO)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0021	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0046 (J)	
11/5/2013	0.0047 (JV)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (JO)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.00069 (J)	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	0.004 (J)	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0041 (J)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	0.00092 (J)	
6/22/2017	0.0013	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/9/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	0.0044 (J)	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.00032 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		0.003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0042 (J)	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.0021	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		0.0024 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0049 (JV)	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (JO)	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	0.00036 (J)	
10/13/2016	0.00035 (J)	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.0027	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.0004 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	0.00099 (J)	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	0.00046 (J)	
12/6/2016	<0.005	
2/13/2017	0.0025	
4/11/2017	0.00089 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		0.0011 (J)
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	0.00025 (J)	
5/24/2014	<0.001	
11/8/2014	0.00048 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00016 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/2/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.00086 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00036 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.00026 (J)	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	0.00032 (J)	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (JB)	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/28/2025		0.00025 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/30/2025		0.00034 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00018 (JB)	
9/11/2020	<0.001	
4/5/2021	0.00043 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.00028 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/28/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00022 (J)	
8/13/2021	<0.001	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001
7/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0028 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	<0.0025	
5/1/2012	0.004 (I)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	0.00201 (J)	
10/11/2016	0.0067	
4/10/2017	0.002 (J)	
10/9/2017	<0.0025	
3/26/2018	0.0014 (J)	
10/3/2018	0.0023 (J)	
3/27/2019	0.0072	
9/12/2019	0.0031	
3/19/2020	0.003	
9/10/2020	0.0027	
4/2/2021	0.0029	
8/12/2021	0.004	
2/14/2022	0.0033	
8/26/2022	0.0028	
2/28/2023	0.0036	
8/2/2023	0.0035	
2/29/2024	0.0025	
8/6/2024	0.003	
2/25/2025		0.0014 (J)
7/28/2025		0.0034 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0032 (J)	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	0.0037 (I)	
11/8/2012	<0.0025	
5/7/2013	0.0041 (J)	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	0.0052 (J)	
11/13/2015	<0.0025	
4/8/2016	0.00339 (J)	
10/11/2016	0.0037	
4/7/2017	0.0033	
10/9/2017	<0.0025	
3/26/2018	0.0029	
10/3/2018	0.0022 (J)	
3/27/2019	0.0071	
9/12/2019	0.0025	
3/19/2020	0.0052	
9/10/2020	0.0025	
4/2/2021	0.0045	
8/12/2021	0.0028	
2/15/2022	0.0083	
8/26/2022	0.002	
2/28/2023	0.0071	
8/3/2023	0.0037	
3/4/2024	0.0081	
8/8/2024	0.0034	
2/25/2025		0.008
7/28/2025		0.0054

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	0.0022 (I)	
10/26/2011	<0.0025	
5/1/2012	0.0036 (I)	
11/8/2012	0.0062 (J)	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
10/10/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	0.0023 (JB)	
9/12/2019	0.0017	
3/19/2020	0.0031	
9/11/2020	0.0015	
4/2/2021	0.0014	
8/12/2021	0.0017	
2/14/2022	0.0028	
8/31/2022	0.0011	
2/28/2023	0.0018	
8/3/2023	0.0012 (J)	
3/4/2024	0.0024	
8/8/2024	0.00075 (J)	
2/26/2025		0.0082
7/28/2025		0.0015 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0024 (J)	
2/1/2011	0.0021 (J)	
3/21/2011	0.0025 (J)	
4/26/2011	0.0033 (I)	
10/27/2011	0.003 (J)	
5/2/2012	0.0051 (I)	
11/8/2012	0.02 (O)	
5/7/2013	0.0036 (J)	
11/4/2013	0.0043 (J)	
5/24/2014	0.0033 (J)	
11/7/2014	<0.0025	
5/20/2015	0.0062 (J)	
11/13/2015	0.0046 (J)	
4/7/2016	0.00293 (J)	
10/10/2016	0.0031	
4/7/2017	0.0041	
10/10/2017	<0.0025	
3/23/2018	0.0032	
10/4/2018	0.0034	
3/27/2019	0.0072 (B)	
9/12/2019	0.0033	
3/19/2020	0.0033	
9/11/2020	0.0026	
4/5/2021	0.003	
8/12/2021	0.0031	
2/14/2022	0.0032	
8/31/2022	0.0027	
2/28/2023	0.0037	
8/3/2023	0.0026	
3/4/2024	0.0028	
8/8/2024	0.0019 (J)	
2/26/2025		0.0069
7/30/2025		0.002 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0051 (J)	
2/1/2011	0.012	
3/23/2011	0.015	
4/27/2011	0.022	
10/26/2011	0.0043 (J)	
5/1/2012	0.0069 (I)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041 (O)	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	0.00606 (J)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	0.0092	
3/27/2019	0.012 (B)	
9/12/2019	0.0075	
3/20/2020	0.0086	
9/11/2020	0.007	
4/5/2021	0.0085	
8/13/2021	0.0078	
2/14/2022	0.0076	
8/31/2022	0.0073	
2/28/2023	0.0078	
8/3/2023	0.0072	
3/4/2024	0.0078	
8/8/2024	0.0079	
2/26/2025		0.0097
7/28/2025		0.008

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0091 (J)	
2/14/2011	0.013	
3/23/2011	0.01	
4/27/2011	0.0078 (I)	
10/25/2011	0.012	
5/1/2012	0.019	
11/8/2012	0.015	
5/7/2013	0.017	
11/5/2013	0.015	
5/23/2014	0.017	
11/7/2014	0.013	
5/21/2015	0.016	
11/12/2015	0.018	
4/7/2016	0.016	
10/14/2016	0.018	
4/7/2017	0.017	
10/10/2017	0.015	
3/23/2018	0.016	
10/3/2018	0.017	
3/27/2019	0.022 (B)	
9/12/2019	0.019	
3/19/2020	0.019	
9/11/2020	0.017	
4/5/2021	0.019	
8/12/2021	0.019	
2/14/2022	0.019	
8/31/2022	0.018	
2/28/2023	0.02	
8/3/2023	0.017	
3/4/2024	0.018	
8/8/2024	0.018	
2/26/2025		0.021
7/28/2025		0.018

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.016	
2/14/2011	0.016	
3/21/2011	0.018	
4/26/2011	0.018	
10/26/2011	0.018	
5/2/2012	0.021	
11/8/2012	0.019	
5/8/2013	0.02	
11/5/2013	0.018	
5/23/2014	0.018	
11/7/2014	0.018	
5/21/2015	0.02	
11/12/2015	0.016	
4/7/2016	0.0182	
10/11/2016	0.023	
4/7/2017	0.02	
10/10/2017	0.016	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.021 (B)	
9/12/2019	0.02	
3/19/2020	0.02	
9/10/2020	0.018	
4/6/2021	0.021	
8/12/2021	0.02	
2/14/2022	0.02	
8/30/2022	0.019	
3/1/2023	0.019	
8/3/2023	0.019	
3/4/2024	0.018	
8/9/2024	0.019	
2/26/2025		0.026
7/28/2025		0.02

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0037 (J)	
2/15/2011	0.0043 (J)	
3/22/2011	0.0039 (J)	
4/27/2011	0.0035 (I)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (I)	
11/8/2012	0.0051 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0039 (J)	
5/24/2014	0.0053 (J)	
11/7/2014	0.0034 (J)	
5/22/2015	0.0068 (J)	
11/13/2015	0.0044 (J)	
4/11/2016	0.00381 (J)	
10/11/2016	0.0082	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	0.0053	
3/28/2019	0.0079	
9/12/2019	0.0054	
3/19/2020	0.0044	
9/10/2020	0.0049	
4/6/2021	0.0045	
8/13/2021	0.0061	
2/14/2022	0.0047	
8/31/2022	0.0055	
3/1/2023	0.0051	
8/3/2023	0.005	
3/4/2024	0.0045	
8/8/2024	0.0047	
2/26/2025		0.0056
7/28/2025		0.0059

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (I)	
10/26/2011	<0.001	
5/2/2012	0.0039 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.001	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.001	
5/22/2015	0.0044 (J)	
11/13/2015	<0.001	
4/11/2016	0.00254 (J)	
10/11/2016	0.0056	
4/7/2017	0.0024 (J)	
10/10/2017	<0.001	
3/23/2018	0.0023 (J)	
10/4/2018	0.0037	
3/28/2019	0.0053	
9/12/2019	0.0028	
3/19/2020	0.0027	
9/10/2020	0.0026	
4/6/2021	0.0026	
8/13/2021	0.0093	
2/14/2022	0.0042	
8/31/2022	0.0031	
3/1/2023	<0.001	
8/3/2023	0.0029	
3/4/2024	0.0025	
8/8/2024	0.0021	
2/26/2025		0.009
7/28/2025		0.0043 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	0.004 (J)	
4/27/2011	0.0046 (I)	
10/26/2011	<0.01	
5/2/2012	0.0055 (I)	
11/8/2012	0.0042 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0042 (J)	
5/24/2014	0.0061 (J)	
11/7/2014	0.0032 (J)	
5/22/2015	0.0056 (J)	
11/13/2015	<0.01	
4/11/2016	0.00415 (J)	
10/13/2016	0.0047	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	0.0066	
3/27/2019	0.0087 (B)	
9/12/2019	0.0047	
3/19/2020	0.0046	
9/11/2020	0.0042	
4/5/2021	0.0059	
8/13/2021	0.0072	
2/15/2022	0.0049	
8/31/2022	0.0038	
2/28/2023	0.0052	
8/3/2023	0.0041	
3/4/2024	0.0041	
8/8/2024	0.0039	
2/26/2025		0.01
7/25/2025		0.0044 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0098 (J)	
3/21/2011	0.012	
4/28/2011	0.011	
10/26/2011	0.012	
5/1/2012	0.011	
11/9/2012	0.011	
5/8/2013	0.01	
11/4/2013	0.011	
5/24/2014	0.012	
11/7/2014	0.01	
5/22/2015	0.013	
11/13/2015	0.014	
4/11/2016	0.0107	
10/13/2016	0.011	
4/11/2017	0.011	
10/11/2017	0.012	
3/26/2018	0.0096	
10/4/2018	0.013	
3/28/2019	0.01	
9/12/2019	0.011	
3/19/2020	0.01	
9/11/2020	0.0099	
4/5/2021	0.011	
8/17/2021	0.011	
2/14/2022	0.011	
8/31/2022	0.01	
3/1/2023	0.011	
8/3/2023	0.0088	
3/4/2024	0.0098	
8/8/2024	0.009	
2/26/2025		0.014
7/28/2025		0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	0.0032	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	0.0065 (J)	
11/13/2015	<0.005	
4/8/2016	<0.005	
10/13/2016	<0.005	
4/11/2017	<0.005	
10/11/2017	0.0019 (J)	
3/26/2018	<0.005	
10/4/2018	0.0037	
3/28/2019	0.0041	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	0.0016	
2/14/2022	0.0014	
8/31/2022	0.00095 (J)	
2/28/2023	0.0023	
8/3/2023	<0.005	
3/4/2024	0.00066 (J)	
8/8/2024	<0.005	
2/25/2025		<0.005
7/28/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.01	
2/14/2011	<0.01	
3/22/2011	<0.01	
4/26/2011	<0.01	
10/27/2011	<0.01	
5/1/2012	<0.01	
11/8/2012	<0.01	
5/7/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/8/2014	<0.01	
5/21/2015	<0.01	
11/13/2015	<0.01	
4/6/2016	<0.01	
10/11/2016	<0.01	
4/10/2017	<0.01	
10/9/2017	<0.01	
3/26/2018	<0.01	
10/3/2018	<0.01	
3/27/2019	<0.01	
9/12/2019	0.0046 (JB)	
3/19/2020	<0.01	
9/10/2020	0.0048 (J)	
4/2/2021	<0.01	
8/12/2021	<0.01	
2/14/2022	<0.01	
8/26/2022	<0.01	
2/28/2023	<0.01	
8/2/2023	<0.01	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		0.0028 (J)
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.01	
2/14/2011	<0.01	
3/22/2011	<0.01	
4/26/2011	<0.01	
10/27/2011	<0.01	
5/1/2012	<0.01	
11/8/2012	<0.01	
5/7/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/8/2014	<0.01	
5/21/2015	<0.01	
11/13/2015	0.039 (O)	
4/8/2016	<0.01	
10/11/2016	<0.01	
4/7/2017	<0.01	
10/9/2017	<0.01	
3/26/2018	<0.01	
10/3/2018	<0.01	
3/27/2019	<0.01	
9/12/2019	0.0085 (B)	
3/19/2020	<0.01	
9/10/2020	<0.01	
4/2/2021	<0.01	
8/12/2021	<0.01	
2/15/2022	0.003 (J)	
8/26/2022	<0.01	
2/28/2023	<0.01	
8/3/2023	<0.01	
3/4/2024	0.0059	
8/8/2024	<0.01	
2/25/2025		0.0076
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.01	
2/14/2011	<0.01	
3/21/2011	<0.01	
4/26/2011	<0.01	
10/26/2011	<0.01	
5/1/2012	<0.01	
11/8/2012	<0.01	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/20/2015	<0.01	
11/13/2015	<0.01	
4/7/2016	0.00345 (J)	
10/10/2016	<0.01	
4/7/2017	<0.01	
10/10/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/27/2019	<0.01	
9/12/2019	0.0095 (B)	
3/19/2020	0.0037 (J)	
9/11/2020	0.0098	
4/2/2021	0.0058	
8/12/2021	0.006	
2/14/2022	0.003 (J)	
8/31/2022	0.0051	
2/28/2023	0.0062 (JB)	
8/3/2023	0.0051	
3/4/2024	0.0035 (J)	
8/8/2024	0.0046 (J)	
2/26/2025		0.0055
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.01	
2/1/2011	<0.01	
3/21/2011	<0.01	
4/26/2011	<0.01	
10/27/2011	<0.01	
5/2/2012	<0.01	
11/8/2012	0.013 (JO)	
5/7/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/20/2015	<0.01	
11/13/2015	<0.01	
4/7/2016	0.00265 (J)	
10/10/2016	<0.01	
4/7/2017	<0.01	
10/10/2017	0.0096 (J)	
3/23/2018	<0.01	
10/4/2018	<0.01	
3/27/2019	<0.01	
9/12/2019	0.0091 (B)	
3/19/2020	0.0035 (J)	
9/11/2020	0.0038 (J)	
4/5/2021	0.0049 (J)	
8/12/2021	<0.01	
2/14/2022	<0.01	
8/31/2022	0.0032 (J)	
2/28/2023	<0.01	
8/3/2023	0.0037 (J)	
3/4/2024	<0.01	
8/8/2024	0.003 (J)	
2/26/2025		0.0035 (J)
7/30/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.01	
2/1/2011	<0.01	
3/23/2011	<0.01	
4/27/2011	<0.01	
10/26/2011	<0.01	
5/1/2012	<0.01	
11/8/2012	<0.01	
5/7/2013	0.0087 (J)	
11/5/2013	<0.01	
5/23/2014	0.014 (JO)	
11/7/2014	<0.01	
5/21/2015	<0.01	
11/12/2015	<0.01	
4/8/2016	0.00228 (J)	
10/11/2016	<0.01	
4/7/2017	<0.01	
10/10/2017	<0.01	
3/22/2018	<0.01	
10/5/2018	<0.01	
3/27/2019	<0.01	
9/12/2019	0.0049 (JB)	
3/20/2020	<0.01	
9/11/2020	<0.01	
4/5/2021	<0.01	
8/13/2021	<0.01	
2/14/2022	<0.01	
8/31/2022	<0.01	
2/28/2023	<0.01	
8/3/2023	<0.01	
3/4/2024	<0.01	
8/8/2024	<0.01	
2/26/2025		<0.01
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.01	
2/14/2011	<0.01	
3/23/2011	<0.01	
4/27/2011	<0.01	
10/25/2011	<0.01	
5/1/2012	<0.01	
11/8/2012	<0.01	
5/7/2013	<0.01	
11/5/2013	0.008 (J)	
5/23/2014	<0.01	
11/7/2014	<0.01	
5/21/2015	<0.01	
11/12/2015	<0.01	
4/7/2016	0.00287 (J)	
10/14/2016	<0.01	
4/7/2017	<0.01	
10/10/2017	<0.01	
3/23/2018	<0.01	
10/3/2018	<0.01	
3/27/2019	<0.01	
9/12/2019	0.0048 (JB)	
3/19/2020	<0.01	
9/11/2020	<0.01	
4/5/2021	<0.01	
8/12/2021	<0.01	
2/14/2022	<0.01	
8/31/2022	0.0039 (J)	
2/28/2023	<0.01	
8/3/2023	<0.01	
3/4/2024	<0.01	
8/8/2024	<0.01	
2/26/2025		0.0044 (J)
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.01	
2/14/2011	<0.01	
3/21/2011	<0.01	
4/26/2011	<0.01	
10/26/2011	<0.01	
5/2/2012	<0.01	
11/8/2012	<0.01	
5/8/2013	<0.01	
11/5/2013	<0.01	
5/23/2014	<0.01	
11/7/2014	<0.01	
5/21/2015	<0.01	
11/12/2015	<0.01	
4/7/2016	0.00208 (J)	
10/11/2016	<0.01	
4/7/2017	<0.01	
10/10/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/27/2019	<0.01	
9/12/2019	0.0041 (JB)	
3/19/2020	<0.01	
9/10/2020	<0.01	
4/6/2021	<0.01	
8/12/2021	<0.01	
2/14/2022	<0.01	
8/30/2022	<0.01	
3/1/2023	<0.01	
8/3/2023	<0.01	
3/4/2024	<0.01	
8/9/2024	<0.01	
2/26/2025		<0.01
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.01	
2/15/2011	<0.01	
3/22/2011	<0.01	
4/27/2011	<0.01	
10/26/2011	<0.01	
5/2/2012	<0.01	
11/8/2012	<0.01	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/22/2015	<0.01	
11/13/2015	<0.01	
4/11/2016	<0.01	
10/11/2016	<0.01	
4/10/2017	<0.01	
10/10/2017	<0.01	
3/26/2018	<0.01	
10/4/2018	<0.01	
3/28/2019	<0.01	
9/12/2019	0.0058 (B)	
3/19/2020	<0.01	
9/10/2020	<0.01	
4/6/2021	<0.01	
8/13/2021	<0.01	
2/14/2022	<0.01	
8/31/2022	<0.01	
3/1/2023	<0.01	
8/3/2023	<0.01	
3/4/2024	<0.01	
8/8/2024	<0.01	
2/26/2025		<0.01
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.01	
2/15/2011	<0.01	
3/22/2011	<0.01	
4/27/2011	<0.01	
10/26/2011	<0.01	
5/2/2012	<0.01	
11/8/2012	<0.01	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/8/2014	<0.01	
5/22/2015	<0.01	
11/13/2015	<0.01	
4/11/2016	<0.01	
10/11/2016	<0.01	
4/7/2017	<0.01	
10/10/2017	<0.01	
3/23/2018	<0.01	
10/4/2018	0.0076 (J)	
3/28/2019	<0.01	
9/12/2019	0.0057 (B)	
3/19/2020	0.0037 (J)	
9/10/2020	<0.01	
4/6/2021	<0.01	
8/13/2021	0.0053	
2/14/2022	<0.01	
8/31/2022	<0.01	
3/1/2023	0.016 (o)	
5/2/2023	<0.01	
8/3/2023	0.0033 (J)	
3/4/2024	<0.01	
8/8/2024	<0.01	
2/26/2025		<0.01
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.01	
2/15/2011	<0.01	
3/22/2011	<0.01	
4/27/2011	<0.01	
10/26/2011	<0.01	
5/2/2012	<0.01	
11/8/2012	<0.01	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/22/2015	<0.01	
11/13/2015	<0.01	
4/11/2016	0.00333 (J)	
10/13/2016	<0.01	
4/10/2017	<0.01	
10/11/2017	<0.01	
3/26/2018	<0.01	
10/4/2018	<0.01	
3/27/2019	<0.01	
9/12/2019	0.0042 (JB)	
3/19/2020	<0.01	
9/11/2020	<0.01	
4/5/2021	<0.01	
8/13/2021	<0.01	
2/15/2022	<0.01	
8/31/2022	<0.01	
2/28/2023	<0.01	
8/3/2023	0.0035 (J)	
3/4/2024	<0.01	
8/8/2024	<0.01	
2/26/2025		0.004 (J)
7/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.01	
2/15/2011	<0.01	
3/21/2011	<0.01	
4/28/2011	<0.01	
10/26/2011	<0.01	
5/1/2012	<0.01	
11/9/2012	<0.01	
5/8/2013	<0.01	
11/4/2013	<0.01	
5/24/2014	<0.01	
11/7/2014	<0.01	
5/22/2015	<0.01	
11/13/2015	<0.01	
4/11/2016	<0.01	
10/13/2016	<0.01	
4/11/2017	0.0065 (J)	
10/11/2017	<0.01	
3/26/2018	<0.01	
10/4/2018	<0.01	
3/28/2019	<0.01	
9/12/2019	0.0073 (B)	
3/19/2020	<0.01	
9/11/2020	<0.01	
4/5/2021	<0.01	
8/17/2021	<0.01	
2/14/2022	<0.01	
8/31/2022	<0.01	
3/1/2023	<0.01	
8/3/2023	<0.01	
3/4/2024	<0.01	
8/8/2024	<0.01	
2/26/2025		<0.01
7/28/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 9/15/2025 2:05 PM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0095 (J)	
2/14/2011	0.0092 (J)	
3/21/2011	0.011 (J)	
4/27/2011	0.0096 (I)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (I)	
11/9/2012	0.014 (J)	
5/8/2013	0.016 (J)	
11/4/2013	0.014 (J)	
5/24/2014	0.013 (J)	
11/7/2014	0.014 (J)	
5/20/2015	0.015 (J)	
11/13/2015	0.015 (J)	
4/8/2016	0.0136	
10/13/2016	0.015 (J)	
4/11/2017	0.015 (J)	
10/11/2017	0.019 (J)	
3/26/2018	0.016 (J)	
10/4/2018	0.017 (J)	
3/28/2019	0.013 (J)	
9/12/2019	0.02 (B)	
3/19/2020	0.014	
9/11/2020	0.014	
4/6/2021	0.014	
8/13/2021	0.017	
2/14/2022	0.014	
8/31/2022	0.015	
2/28/2023	0.014 (JB)	
8/3/2023	0.015	
3/4/2024	0.013	
8/8/2024	0.015	
2/25/2025		0.018
7/28/2025		0.016

FIGURE E.

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 1:00 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-52	0.091	n/a	7/28/2025	0.028	No	257	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-51	0.045	n/a	7/25/2025	0.0073	No	266	n/a	n/a	14.29	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-52	0.045	n/a	7/28/2025	0.027	No	266	n/a	n/a	14.29	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

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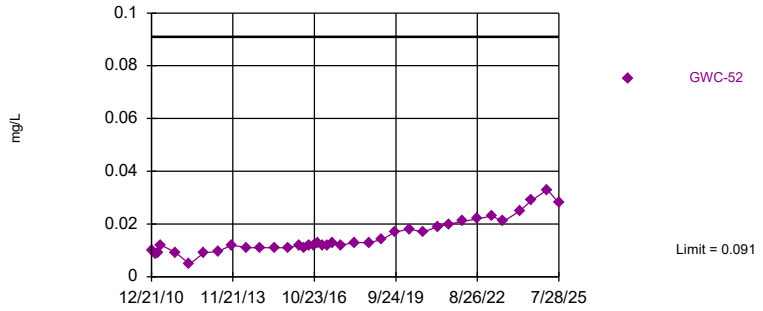
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 257 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Assumes 4 future values.

Constituent: Barium Analysis Run 9/5/2025 12:56 PM View: Appendix I - Two Step
Plant Scherer Client: Southern Company Data: Scherer PAC

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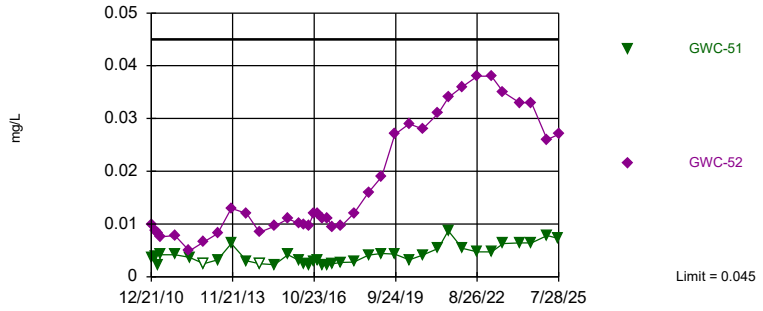
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 266 background values. 14.29% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Chromium Analysis Run 9/5/2025 12:56 PM View: Appendix I - Two Step
Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/5/2025 1:00 PM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
12/20/2010	0.029 (J)	0.019 (J)	0.024 (J)					
12/21/2010				0.01 (J)	0.021 (J)			0.055 (JO)
12/22/2010						0.026 (J)	0.028 (J)	
2/1/2011	0.038 (J)	0.017 (J)						
2/14/2011			0.023 (J)		0.021 (J)	0.022 (J)	0.025 (J)	0.05 (JO)
2/15/2011				0.0086 (J)				
3/21/2011		0.019 (J)	0.021 (J)	0.009 (J)	0.021 (J)			
3/22/2011						0.02 (J)	0.029 (J)	
3/23/2011	0.045 (J)							0.031 (J)
4/26/2011		0.02 (I)	0.019 (I)		0.021 (I)	0.019 (I)	0.031 (I)	
4/27/2011	0.043 (I)							0.015 (I)
4/28/2011				0.012 (I)				
10/25/2011								0.02
10/26/2011	0.023		0.023	0.0093 (J)	0.019			
10/27/2011		0.018				0.021	0.027	
5/1/2012	0.021		0.014	0.0048 (I)		0.017	0.022	0.017
5/2/2012		0.017			0.018			
11/8/2012	0.038	0.048 (O)	0.034		0.018	0.023	0.024	0.012
11/9/2012				0.0091 (J)				
5/7/2013	0.042	0.02				0.021	0.027	0.022
5/8/2013			0.016	0.0096 (J)	0.017			
11/4/2013		0.019	0.014	0.012		0.018	0.024	
11/5/2013	0.039				0.019			0.012
5/23/2014	0.088 (O)				0.021			0.02
5/24/2014		0.019	0.027	0.011		0.022	0.025	
11/7/2014	0.027	0.019	0.03	0.011	0.019			0.012
11/8/2014						0.02	0.023	
5/20/2015		0.018	0.029					
5/21/2015	0.036				0.02	0.022	0.023	0.011
5/22/2015				0.011				
11/12/2015	0.038				0.019			0.012
11/13/2015		0.02	0.041	0.011		0.025	0.023	
4/6/2016						0.0239		
4/7/2016		0.0207	0.0381		0.0201			0.0116
4/8/2016	0.0261						0.0244	
4/11/2016				0.012				
6/14/2016	0.023	0.019	0.034		0.017	0.021	0.023	
6/16/2016				0.011				
6/17/2016								0.012
8/9/2016	0.026	0.017	0.032		0.017		0.026	
8/10/2016						0.019		0.012
8/11/2016				0.012 (B)				
10/10/2016		0.02	0.037					
10/11/2016	0.03				0.02	0.02	0.022	
10/13/2016				0.012				
10/14/2016								0.016
12/2/2016		0.02 (B)	0.038 (B)		0.02 (B)	0.022 (B)		
12/5/2016	0.026			0.013			0.025	
12/19/2016								0.012
2/9/2017			0.048		0.018			
2/10/2017	0.023	0.018				0.03	0.026	
2/13/2017				0.012				0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 9/5/2025 1:00 PM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
4/7/2017	0.024	0.02	0.045		0.018		0.021	0.011
4/10/2017						0.025		
4/11/2017				0.012				
6/22/2017	0.025		0.049		0.02			0.014
6/23/2017		0.021				0.026		
6/24/2017				0.013				
6/26/2017							0.028	
10/9/2017						0.025	0.021	
10/10/2017	0.022	0.018	0.044		0.02			0.012
10/11/2017				0.012				
3/22/2018	0.024		0.05		0.018			
3/23/2018		0.02						0.012
3/26/2018				0.013		0.026	0.022	
10/3/2018			0.042		0.018	0.022 (O)	0.022	0.012
10/4/2018		0.019		0.013				
10/5/2018	0.026							
3/27/2019	0.026	0.021	0.057		0.019	0.024	0.022	0.013
3/28/2019				0.014				
9/12/2019	0.028	0.022	0.1 (O)	0.017	0.022	0.025	0.023	0.016
12/2/2019			0.11 (O)					
3/19/2020		0.023	0.11 (O)	0.018	0.02	0.027	0.024	0.02
3/20/2020	0.029							
9/10/2020					0.02	0.023	0.022	
9/11/2020	0.026	0.022	0.15 (O)	0.017				0.013
4/2/2021			0.11 (O)			0.02	0.023	
4/5/2021	0.028	0.022		0.019				0.015
4/6/2021					0.02			
8/12/2021		0.023	0.091		0.024	0.023	0.024	0.013
8/13/2021	0.026							
8/17/2021				0.02				
2/14/2022	0.029	0.024	0.077	0.021	0.022	0.024		0.014
2/15/2022							0.032	
8/26/2022						0.026	0.021	
8/30/2022					0.021			
8/31/2022	0.031	0.022	0.065	0.022				0.016
2/28/2023	0.027	0.022	0.056			0.022	0.02	0.014
3/1/2023				0.023	0.019			
8/2/2023						0.018		
8/3/2023	0.027 (B)	0.021	0.055	0.021	0.02		0.018	0.013 (B)
2/29/2024						0.021		
3/4/2024	0.032	0.022	0.057	0.025	0.019		0.022	0.015
8/6/2024						0.019		
8/8/2024	0.038	0.024	0.048	0.029			0.023	0.015
8/9/2024					0.021			
2/25/2025						0.019	0.024	
2/26/2025	0.031	0.023	0.052	0.033	0.019			0.014
7/28/2025	0.031		0.045	0.028	0.02	0.017	0.02	0.013
7/30/2025		0.022						

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/5/2025 1:00 PM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWC-51
12/20/2010	<0.005	0.0036 (J)	0.0064						
12/21/2010				0.01	0.0073	0.0094			
12/22/2010							0.0052	0.0029 (J)	0.0036 (J)
2/1/2011		0.0037 (J)	0.015						
2/14/2011	<0.005				0.0051	0.028	0.0057	0.0027 (J)	
2/15/2011				0.0087					0.0038 (J)
3/21/2011	<0.005	0.004 (J)		0.0083	0.0067				
3/22/2011							0.0055	0.0049 (J)	0.0022 (J)
3/23/2011			0.0084			0.0042 (J)			
4/26/2011	<0.005	0.0037 (I)			0.0065		0.0069	0.0048 (I)	
4/27/2011			0.011			<0.005			0.0042 (I)
4/28/2011				0.0076					
10/25/2011						0.0062			
10/26/2011	<0.005		0.0061	0.0078	0.0068				0.0042 (J)
10/27/2011		0.0047 (J)					0.011	0.0023 (J)	
5/1/2012	<0.005		0.0072	0.0049 (I)		0.011	0.0056	0.0051	
5/2/2012		0.005			0.011				0.0037 (I)
11/8/2012	<0.005	0.0081	0.015		0.0052	0.0089	<0.005	0.0034 (J)	<0.005
11/9/2012				0.0066					
5/7/2013		0.0035 (J)	0.044			0.019	0.0036 (J)	0.0078	
5/8/2013	<0.005			0.0082	0.0059				0.0032 (J)
11/4/2013	<0.005	0.0056 (JV)		0.013 (V)			0.0032 (JV)	0.0055 (JV)	0.0063 (JV)
11/5/2013			0.023		0.0044 (JV)	0.0057 (JV)			
5/23/2014			0.022		0.0087 (J)	0.0084 (J)			
5/24/2014	<0.005	0.005 (J)		0.012			0.0043 (J)	0.0075 (J)	0.003 (J)
11/7/2014	<0.005	0.004 (J)	0.013	0.0084 (J)	0.0048 (J)	0.011			<0.005
11/8/2014							<0.005	0.0048 (J)	
5/20/2015	0.0025 (J)	0.0062 (J)							
5/21/2015			0.029		0.006 (J)	0.013	0.002 (J)	0.0082 (J)	
5/22/2015				0.0096 (J)					0.0023 (J)
11/12/2015			0.045		0.007 (J)	0.015			
11/13/2015	0.0042 (J)	0.0067 (J)		0.011			<0.005	0.0079 (J)	0.0042 (J)
4/6/2016							0.00278 (J)		
4/7/2016	<0.005	0.00467 (J)			0.0056 (J)	0.00498 (J)			
4/8/2016			0.00752 (J)					0.00878 (J)	
4/11/2016				0.0101					0.00309 (J)
6/14/2016	0.00055 (J)	0.0041 (J)	0.007 (J)		0.0048 (J)		0.0014 (J)	0.0071 (J)	
6/16/2016				0.01					0.0025 (J)
6/17/2016						0.004 (J)			
8/9/2016	<0.005	0.0041	0.008		0.0053			0.0079	
8/10/2016						0.0047	0.0019 (J)		0.0023 (J)
8/11/2016				0.0097					
10/10/2016	<0.005	0.0041							
10/11/2016			0.0079		0.0058		0.0024 (J)	0.0069	
10/13/2016				0.012					0.0028
10/14/2016						0.0056			
12/2/2016	<0.005	0.0039			0.0071		0.0023 (J)		
12/5/2016			0.0057	0.012				0.0077	0.0032
12/19/2016						0.0039			
2/9/2017	<0.005				0.0051				
2/10/2017		0.0044	0.0062				0.0021 (J)	0.0098	
2/13/2017				0.011		0.0059			0.0021 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 9/5/2025 1:00 PM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWC-51
4/7/2017	<0.005	0.0046	0.0072		0.006	0.0051		0.0081	
4/10/2017							0.002 (J)		0.0022 (J)
4/11/2017				0.011					
6/22/2017	<0.005		0.0074		0.0056	0.005			
6/23/2017		0.005					0.0018 (J)		0.0025
6/24/2017				0.0095					
6/26/2017								0.0084	
10/9/2017							0.0016 (J)	0.0082	
10/10/2017	<0.005	0.0088	0.0072		0.0073	0.005			
10/11/2017				0.0096					0.0027
3/22/2018	<0.005		0.0074		0.0051				
3/23/2018		0.0045				0.005			
3/26/2018				0.012			0.0011 (J)	0.0088	0.0028
10/3/2018	<0.005				0.0052	0.0051	0.0014 (J)	0.0086	
10/4/2018		0.0047		0.016					0.0041
10/5/2018			0.0083						
3/27/2019	<0.005	0.0048	0.0081		0.0056	0.0051	0.003	0.0078	0.0044
3/28/2019				0.019					
9/12/2019	<0.005	0.0051 (B)	0.0088 (B)	0.027 (B)	0.0075 (B)	0.0085 (B)	0.0047 (B)	0.0092 (B)	0.0043 (B)
3/19/2020	<0.005	0.0043		0.029	0.0055	0.0063	0.0026	0.011	0.0032
3/20/2020			0.0085						
9/10/2020					0.0063		0.0019 (J)	0.0077	
9/11/2020	<0.005	0.0042	0.0081	0.028		0.0053			0.0041
4/2/2021	<0.005						0.0029	0.01	
4/5/2021		0.0041	0.0084	0.031		0.0061			0.0054
4/6/2021					0.0055				
8/12/2021	<0.005	0.0045			0.0096	0.0058	0.0016 (J)	0.008	
8/13/2021			0.0082						0.0087
8/17/2021				0.034					
2/14/2022	<0.005	0.0047	0.0086	0.036	0.0076	0.0058	0.0026		
2/15/2022								0.013	0.0054
8/26/2022							0.0016 (J)	0.0078	
8/30/2022					0.0064				
8/31/2022	<0.005	0.0048	0.0084	0.038		0.0059			0.0047
2/28/2023	<0.005	0.0047	0.0084			0.0058	0.0024	0.01	0.0047
3/1/2023				0.038	0.0057				
8/2/2023							0.0028		
8/3/2023	0.0012 (J)	0.0053	0.0092	0.035	0.0065	0.0056		0.0089	0.0063
2/29/2024							0.0021		
3/4/2024	0.0016 (J)	0.0048	0.01	0.033	0.006	0.0063		0.011	0.0064
8/6/2024							0.0021		
8/8/2024	<0.005	0.006	0.012	0.033		0.0061		0.013	0.0064
8/9/2024					0.0059				
2/25/2025							<0.005	0.01	
2/26/2025	0.0012 (J)	0.0048	0.01	0.026	0.0057	0.0061			0.0078
7/25/2025									0.0073
7/28/2025	<0.005		0.009	0.027	0.0062	0.0057	<0.005	0.016	
7/30/2025		0.0044 (J)							

ND substitution: RL or RL/2 if <15% NDs.

FIGURE F.

Appendix I - Trend Test Summary - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 1:06 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003421**	**-265**	**-206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.00309**	**371**	**176**	**Yes**	**34**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003529**	**381**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-52**	**0.001242**	**589**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-21 (bg)**	**-0.0001815**	**-246**	**-206**	**Yes**	**38**	**13.16**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-22 (bg)**	**0.000529**	**465**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-51**	**0.0002128**	**249**	**206**	**Yes**	**38**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.001921**	**461**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I - Trend Test Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 1:06 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-21 (bg)	0	16	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003421**	**-265**	**-206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.00309**	**371**	**176**	**Yes**	**34**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003529**	**381**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWA-47 (bg)	0	-17	-199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-48 (bg)	0	11	191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-49 (bg)	0	52	206	No	38	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-52**	**0.001242**	**589**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-21 (bg)**	**-0.0001815**	**-246**	**-206**	**Yes**	**38**	**13.16**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-22 (bg)**	**0.000529**	**465**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-45 (bg)	0	-62	-206	No	38	84.21	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-46 (bg)	0.00005095	154	206	No	38	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-47 (bg)	0.0000933	74	206	No	38	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-48 (bg)	-0.00002524	-34	-206	No	38	2.632	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-49 (bg)	0.00001756	31	206	No	38	0	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWC-51**	**0.0002128**	**249**	**206**	**Yes**	**38**	**5.263**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.001921**	**461**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**

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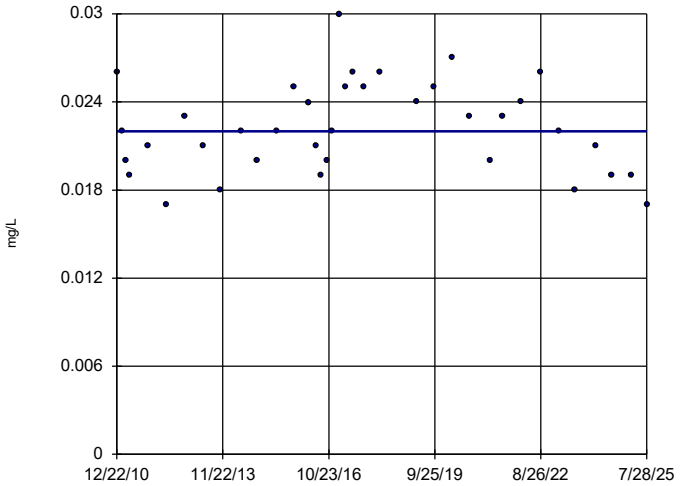
Sen's Slope Estimator

GWA-21 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = 16
critical = 199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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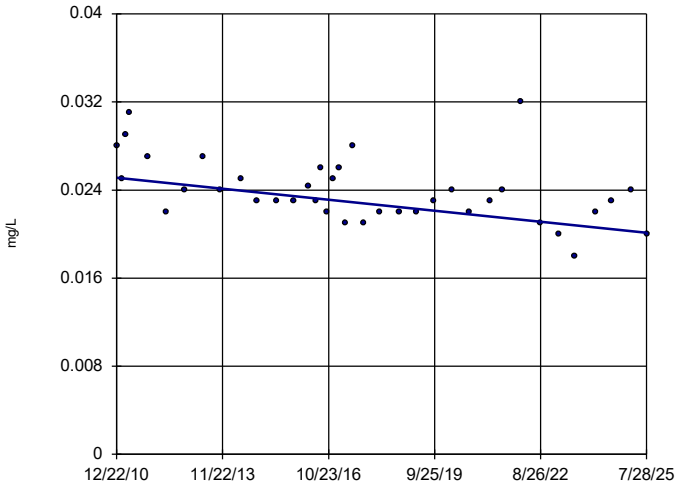
Sen's Slope Estimator

GWA-22 (bg)



n = 38

Slope = -0.0003421 units per year.

Mann-Kendall statistic = -265
critical = -206

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests
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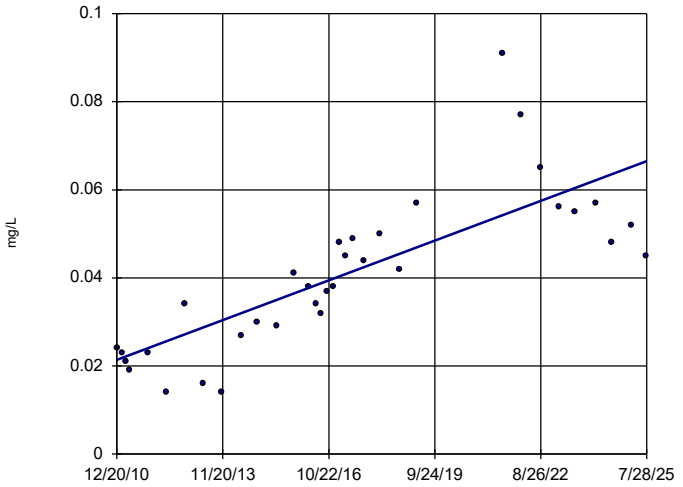
Sen's Slope Estimator

GWA-45 (bg)



n = 34

Slope = 0.00309 units per year.

Mann-Kendall statistic = 371
critical = 176

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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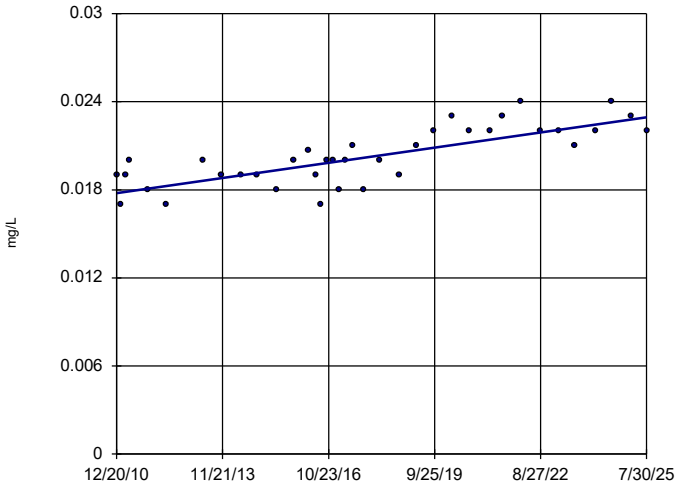
Sen's Slope Estimator

GWA-46 (bg)



n = 37

Slope = 0.0003529 units per year.

Mann-Kendall statistic = 381
critical = 199

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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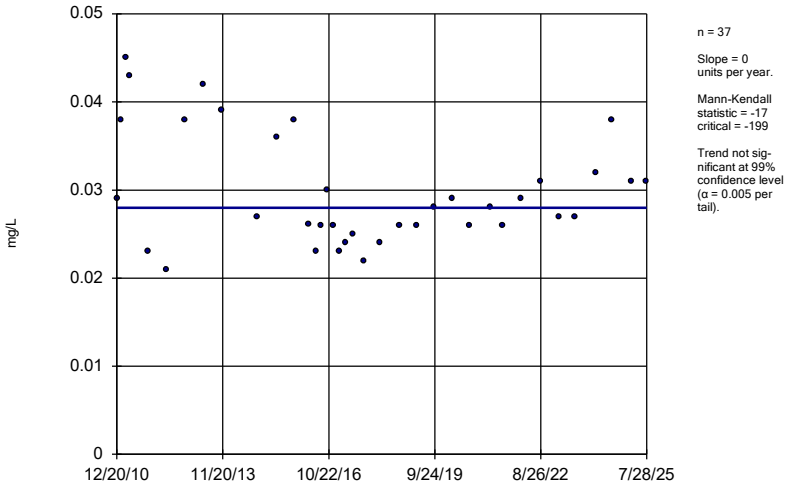
Sen's Slope Estimator

GWA-47 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = -17 critical = -199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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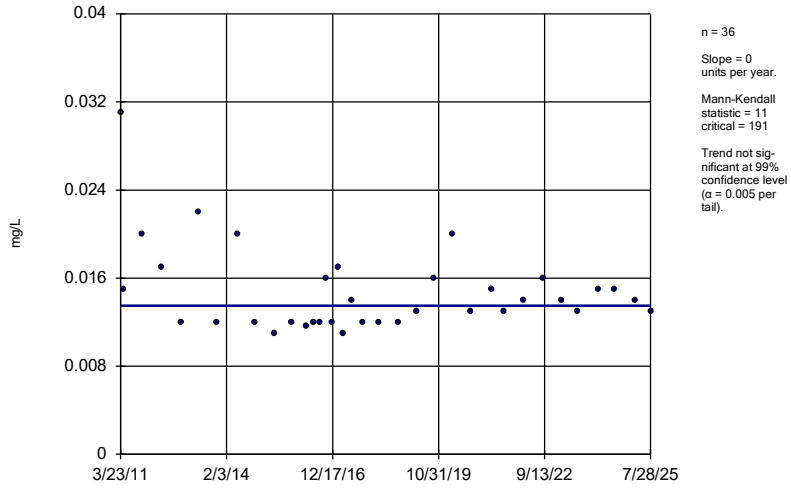
Sen's Slope Estimator

GWA-48 (bg)



n = 36

Slope = 0 units per year.

Mann-Kendall statistic = 11 critical = 191

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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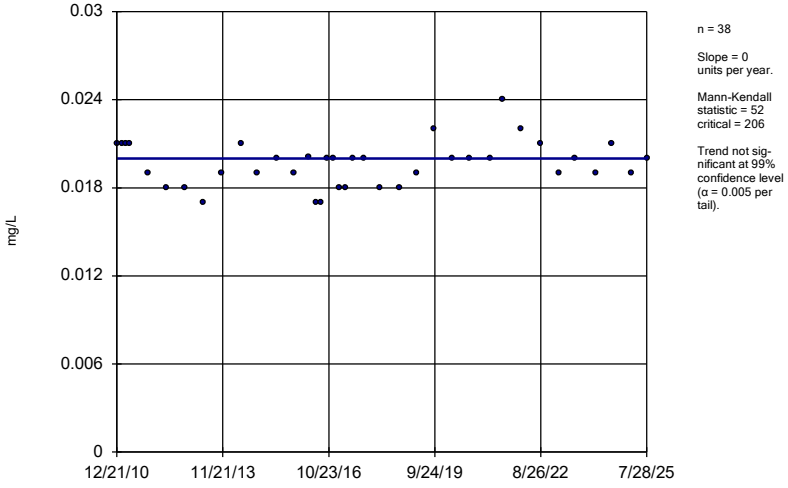
Sen's Slope Estimator

GWA-49 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = 52 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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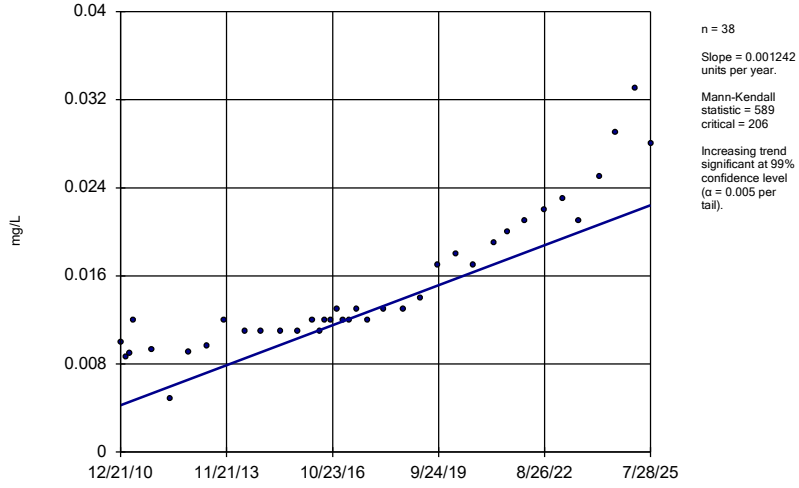
Sen's Slope Estimator

GWC-52



n = 38

Slope = 0.001242 units per year.

Mann-Kendall statistic = 589 critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests

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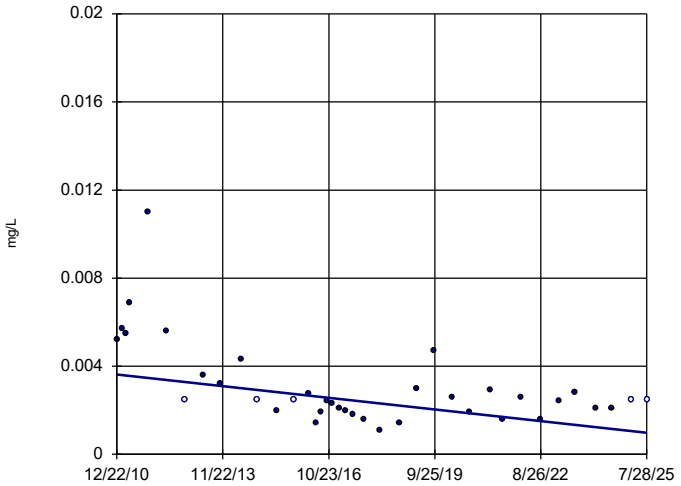
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-21 (bg)



n = 38

Slope = -0.0001815 units per year.

Mann-Kendall statistic = -246
critical = -206

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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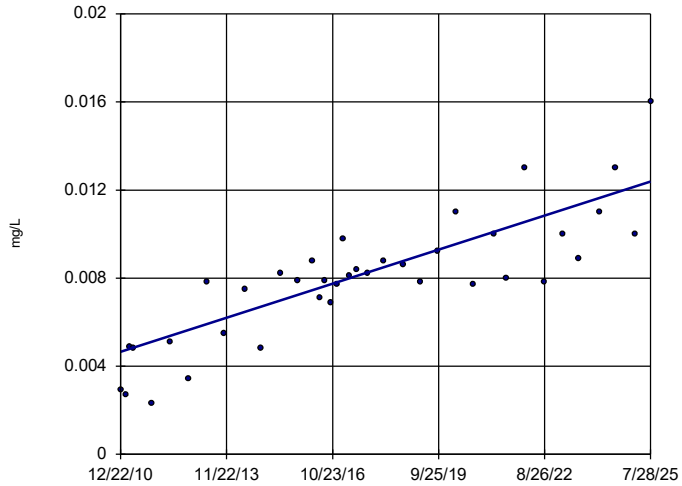
Sen's Slope Estimator

GWA-22 (bg)



n = 38

Slope = 0.000529 units per year.

Mann-Kendall statistic = 465
critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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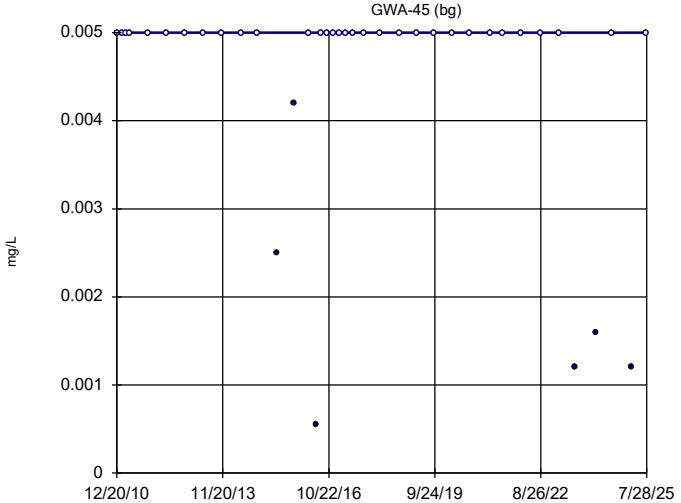
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-45 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = -62
critical = -206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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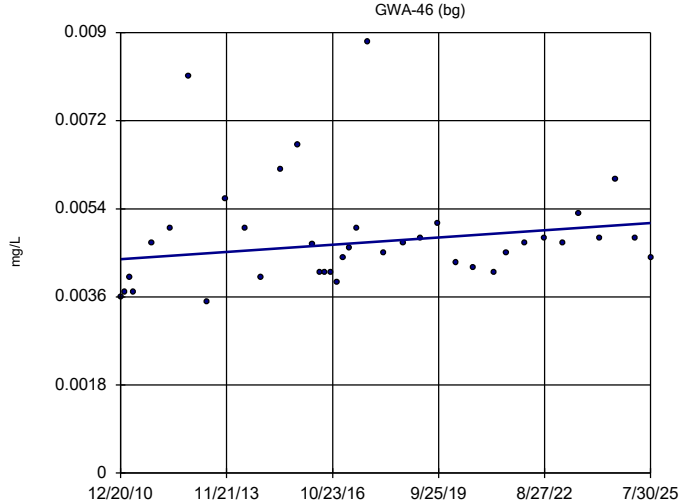
Sen's Slope Estimator

GWA-46 (bg)



n = 38

Slope = 0.00005095 units per year.

Mann-Kendall statistic = 154
critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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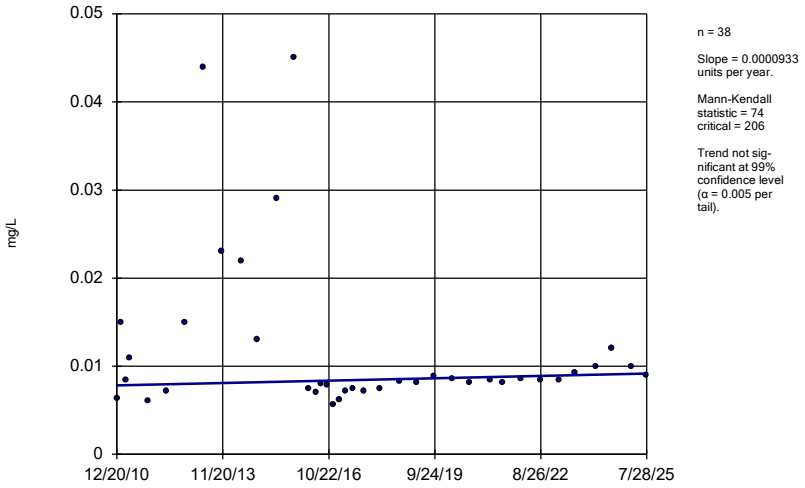
Sen's Slope Estimator

GWA-47 (bg)



n = 38

Slope = 0.0000933 units per year.

Mann-Kendall statistic = 74 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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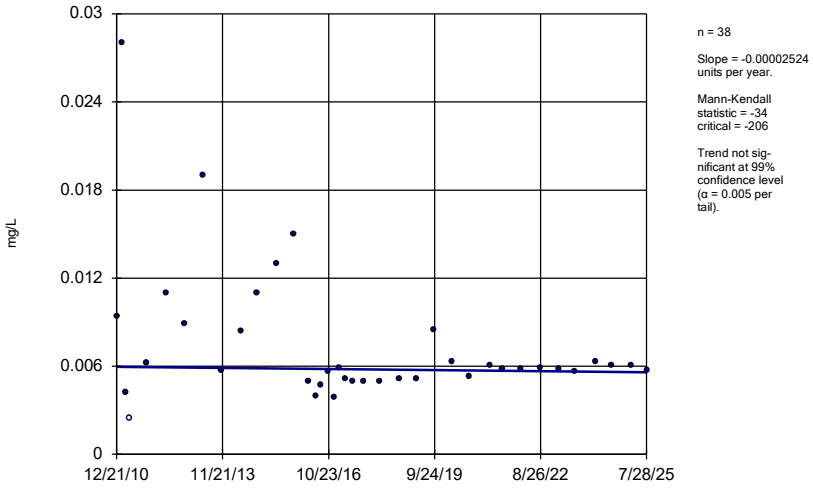
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-48 (bg)



n = 38

Slope = -0.00002524 units per year.

Mann-Kendall statistic = -34 critical = -206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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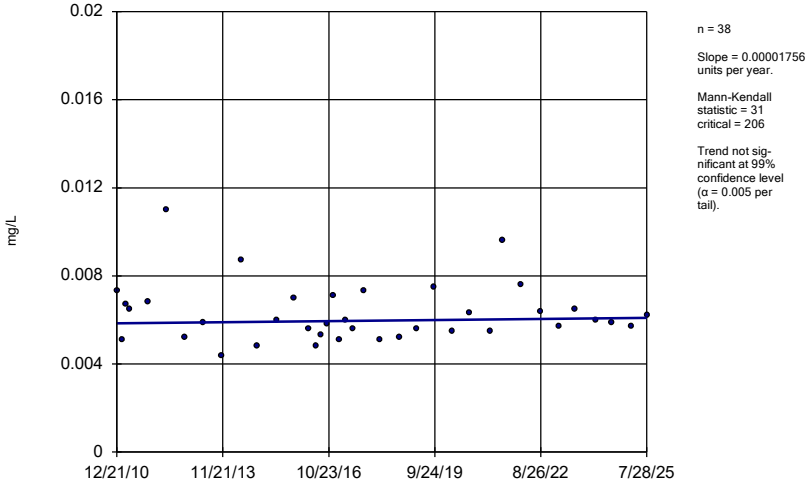
Sen's Slope Estimator

GWA-49 (bg)



n = 38

Slope = 0.00001756 units per year.

Mann-Kendall statistic = 31 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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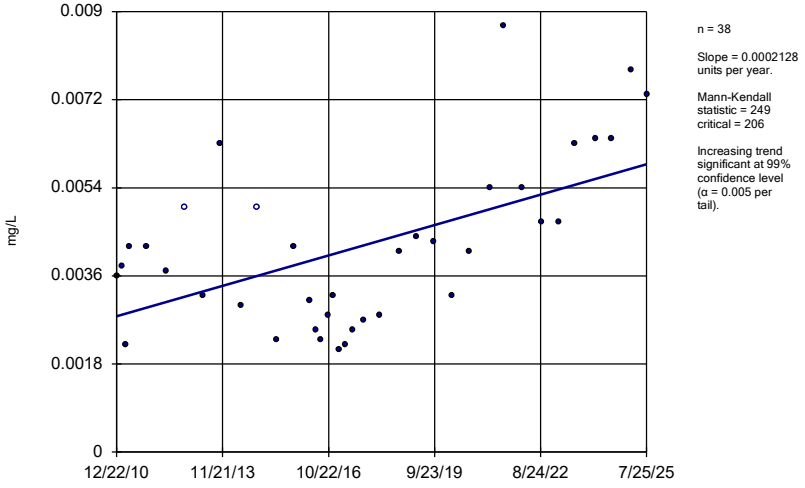
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-51



n = 38

Slope = 0.0002128 units per year.

Mann-Kendall statistic = 249 critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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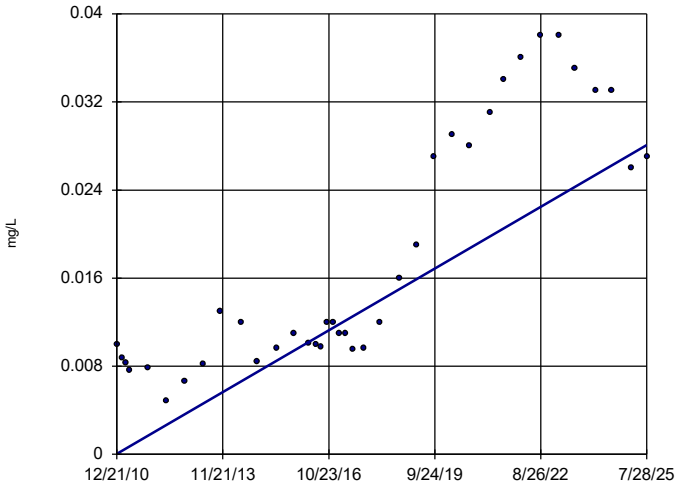
Sen's Slope Estimator

GWC-52



n = 38

Slope = 0.001921 units per year.

Mann-Kendall statistic = 461
critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 9/5/2025 1:04 PM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/8/2025, 12:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**7/28/2025**	**31**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-47**	**1.878**	**n/a**	**7/28/2025**	**2**	**Yes**	**23**	**1.547**	**0.1645**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**7/25/2025**	**9.1**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-53**	**15.26**	**n/a**	**7/28/2025**	**16**	**Yes**	**25**	**11.81**	**1.733**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**7/25/2025**	**4.8**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**7/28/2025**	**95**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**7/28/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-51**	**104.2**	**n/a**	**7/25/2025**	**140**	**Yes**	**22**	**78.59**	**12.6**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-52**	**224.7**	**n/a**	**7/28/2025**	**250**	**Yes**	**13**	**176.9**	**20.97**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-53**	**330.7**	**n/a**	**7/28/2025**	**370**	**Yes**	**23**	**264.3**	**32.93**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/8/2025, 12:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.19	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.349	n/a	7/28/2025	0.94	No	14	0.9786	0.1656	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.11	n/a	7/30/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.12	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	7/28/2025	0.08ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	7/25/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	7/28/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.124	n/a	7/28/2025	1.1	No	23	0.9576	0.08273	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.11	n/a	7/28/2025	5.8	No	23	8.333	1.374	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	11.08	n/a	7/28/2025	7.5	No	23	7.67	1.69	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.98	n/a	7/28/2025	19	No	23	32.45	7.205	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.262	n/a	7/30/2025	6.5	No	23	5.955	0.648	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	17	n/a	7/28/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-48	14	n/a	7/28/2025	13	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-49	16	n/a	7/28/2025	15	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	22.36	n/a	7/28/2025	19	No	13	15.62	2.959	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.239	n/a	7/28/2025	8.2	No	22	7.243	0.4906	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.588	n/a	7/25/2025	8.2	No	23	7.057	0.7591	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**7/28/2025**	**31**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-53	21.26	n/a	7/28/2025	21	No	23	17.56	1.834	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.32	n/a	7/28/2025	2.8	No	23	3.423	0.4447	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	5	n/a	7/28/2025	1.7	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-45	14	n/a	7/28/2025	13	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	6.141	n/a	7/30/2025	5.3	No	23	4.109	1.007	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWA-47**	**1.878**	**n/a**	**7/28/2025**	**2**	**Yes**	**23**	**1.547**	**0.1645**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-48	1.99	n/a	7/28/2025	1.6	No	22	1.747	0.1197	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-49	2.328	n/a	7/28/2025	2	No	23	2.069	0.1283	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.065	n/a	7/28/2025	3	No	22	3.436	0.3094	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.197	n/a	7/28/2025	1.8	No	23	1.904	0.1455	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**7/25/2025**	**9.1**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-52	8.531	n/a	7/28/2025	8.3	No	22	237487	72936	0	None	x^6	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWC-53**	**15.26**	**n/a**	**7/28/2025**	**16**	**Yes**	**25**	**11.81**	**1.733**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Fluoride (mg/L)	GWA-21	0.2	n/a	7/28/2025	0.084J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.2	n/a	7/28/2025	0.2ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.2	n/a	7/28/2025	0.2ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.2	n/a	7/30/2025	0.16J	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.2	n/a	7/28/2025	0.12J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.2	n/a	7/28/2025	0.12J	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-49	0.2	n/a	7/28/2025	0.099J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.2	n/a	7/28/2025	0.12J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.2	n/a	7/28/2025	0.081J	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.2	n/a	7/25/2025	0.11J	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.2	n/a	7/28/2025	0.11J	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.2	n/a	7/28/2025	0.11J	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	GWA-21	6.053	5.549	7/28/2025	5.8	No	37	5.801	0.1319	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-22	6.345	5.588	7/28/2025	5.99	No	36	5.966	0.198	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-45	6.54	5.88	7/28/2025	6.08	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-46	6.83	5.45	7/30/2025	5.84	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-47	6.632	6.24	7/28/2025	6.36	No	41	6.436	0.1034	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-48	6.987	6.595	7/28/2025	6.72	No	40	6.791	0.1033	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-49	7.112	6.548	7/28/2025	6.86	No	38	15119	1618	0	None	x^5	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-29	6.353	5.494	7/28/2025	6.19	No	37	5.924	0.2253	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-50	6.032	5.568	7/28/2025	5.66	No	39	5.8	0.1222	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-51	6.04	5.68	7/25/2025	5.79	No	39	5.86	0.0948	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-52	6.882	6.416	7/28/2025	6.5	No	39	6.649	0.1228	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWC-53	6.14	5.37	7/28/2025	5.46	No	41	n/a	n/a	0	n/a	n/a	0.002236	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-21	2.876	n/a	7/28/2025	1.7	No	23	1.553	0.6561	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1.7	n/a	7/28/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	189.8	n/a	7/28/2025	140	No	23	153.8	17.85	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1.7	n/a	7/30/2025	1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1.6	n/a	7/28/2025	0.78J	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	2.011	n/a	7/28/2025	1	No	23	1.116	0.1499	0	None	sqrt(x)	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1.2	n/a	7/28/2025	1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.35	n/a	7/28/2025	2.7	No	23	2.541	0.4008	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/8/2025, 12:11 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-50	1	n/a	7/28/2025	1ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**7/25/2025**	**4.8**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**7/28/2025**	**95**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**7/28/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-21	125.4	n/a	7/28/2025	99	No	23	89.74	17.65	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-22	106.3	n/a	7/28/2025	74	No	23	71.39	17.32	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-45	371.6	n/a	7/28/2025	330	No	23	286.4	42.22	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-46	88.63	n/a	7/30/2025	49	No	23	54.8	16.77	4.348	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-47	122.3	n/a	7/28/2025	110	No	23	90.04	15.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-48	121.8	n/a	7/28/2025	110	No	23	95.26	13.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-49	130.8	n/a	7/28/2025	120	No	22	110.2	10.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-29	144.1	n/a	7/28/2025	130	No	23	99.57	22.1	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-50	109.1	n/a	7/28/2025	82	No	22	70.68	18.93	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	**GWC-51**	**104.2**	**n/a**	**7/25/2025**	**140**	**Yes**	**22**	**78.59**	**12.6**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-52**	**224.7**	**n/a**	**7/28/2025**	**250**	**Yes**	**13**	**176.9**	**20.97**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-53**	**330.7**	**n/a**	**7/28/2025**	**370**	**Yes**	**23**	**264.3**	**32.93**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

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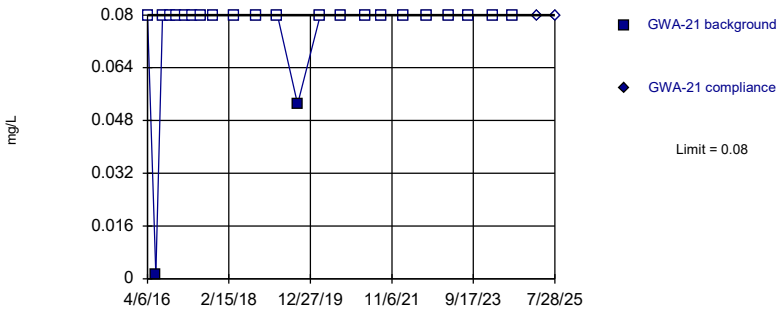
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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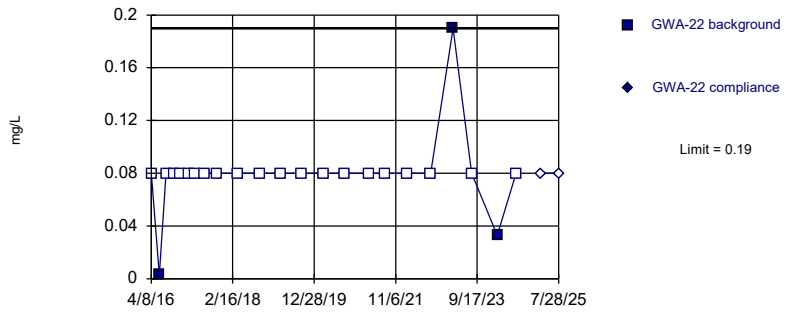
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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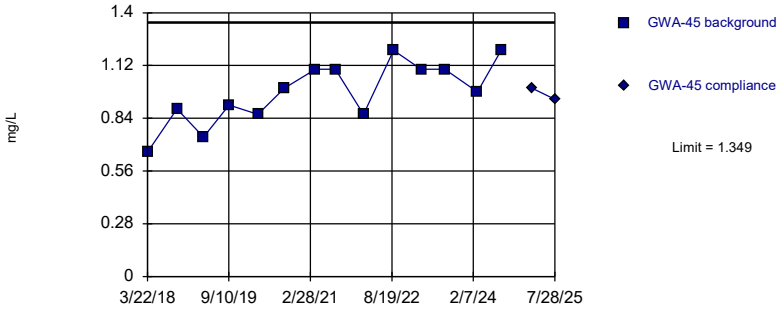
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9786, Std. Dev.=0.1656, n=14. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9395, critical = 0.874. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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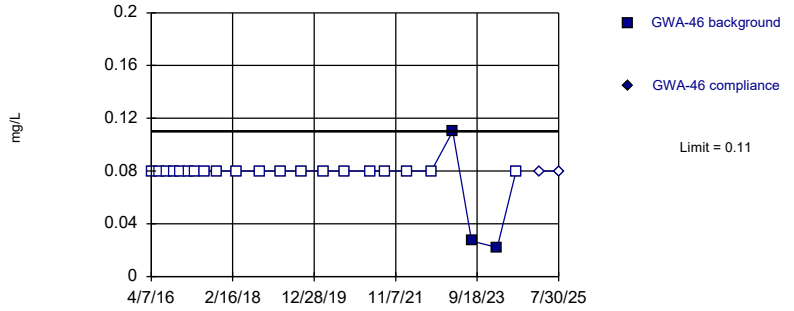
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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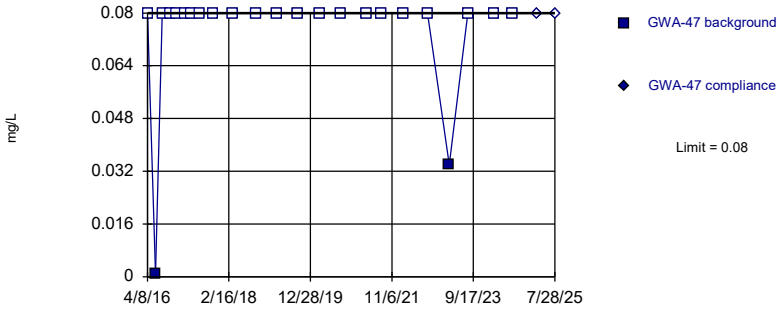
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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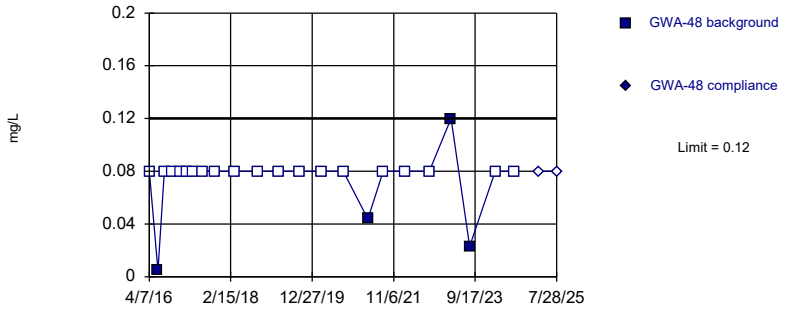
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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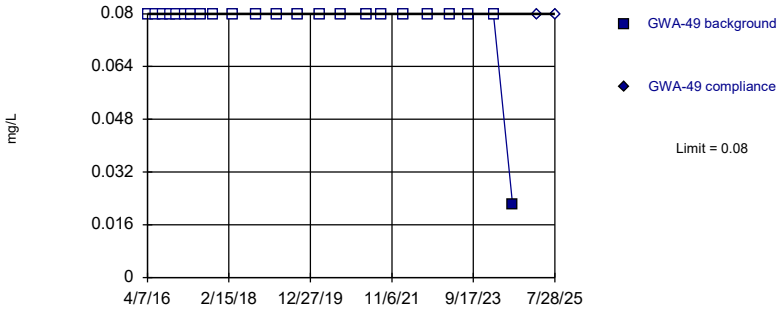
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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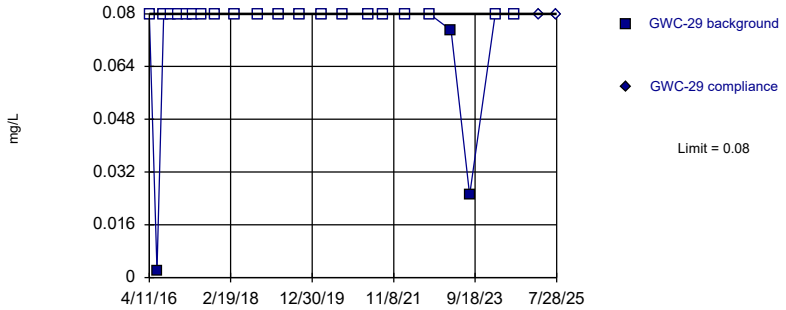
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
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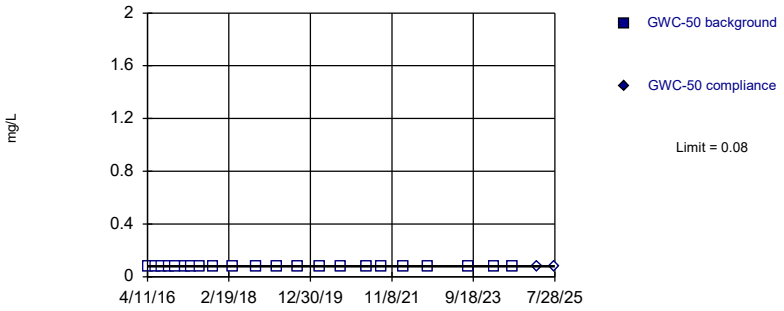
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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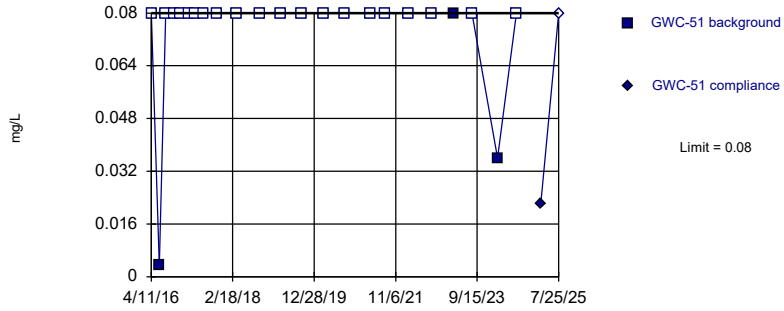
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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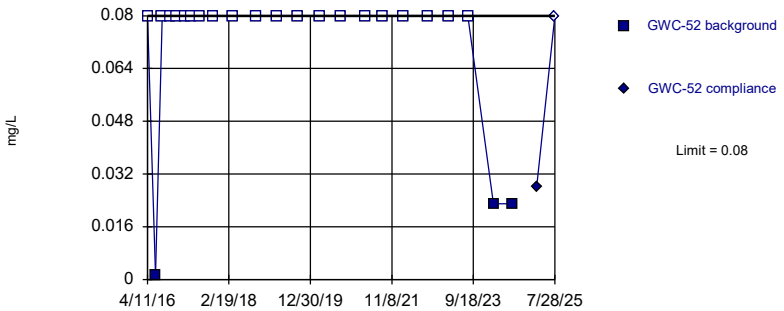
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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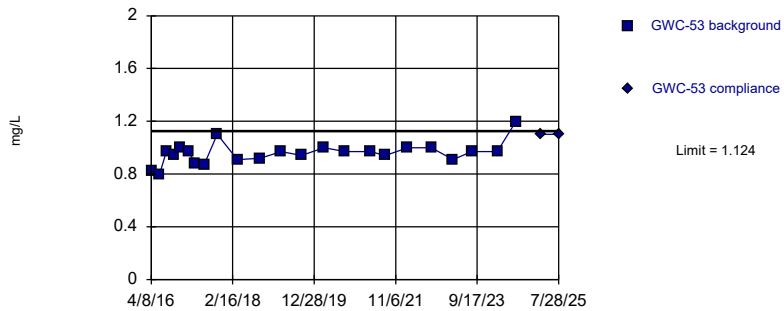
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9576, Std. Dev.=0.08273, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9026, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Boron Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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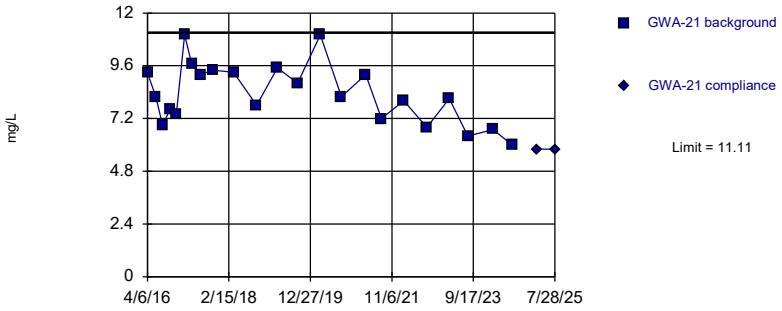
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.333, Std. Dev.=1.374, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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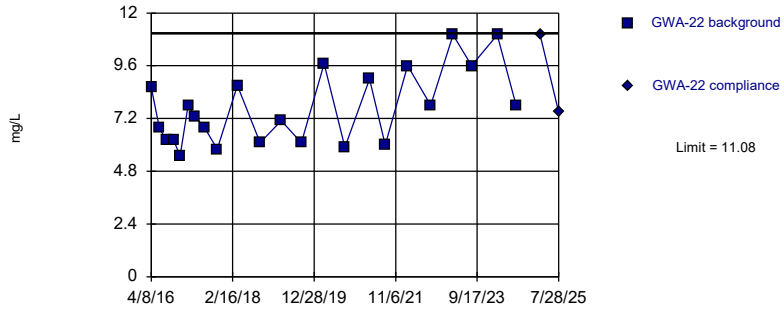
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.67, Std. Dev.=1.69, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9142, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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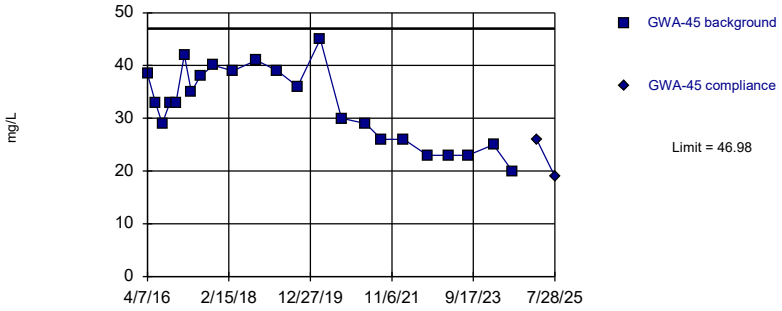
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=32.45, Std. Dev.=7.205, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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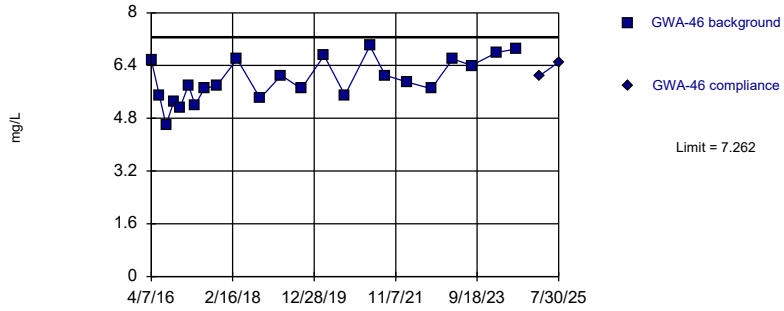
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.955, Std. Dev.=0.648, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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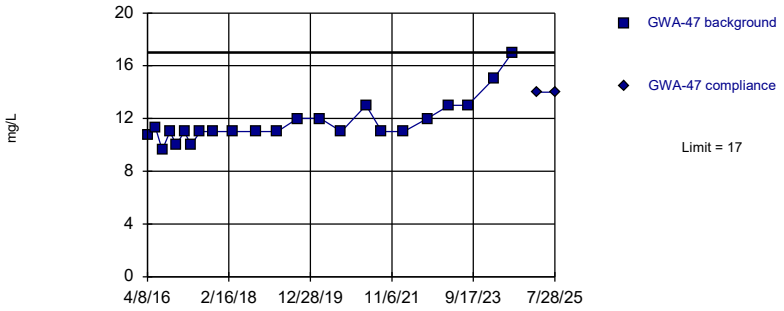
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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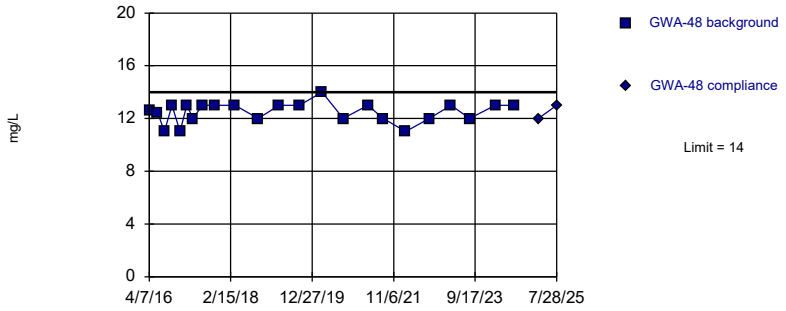
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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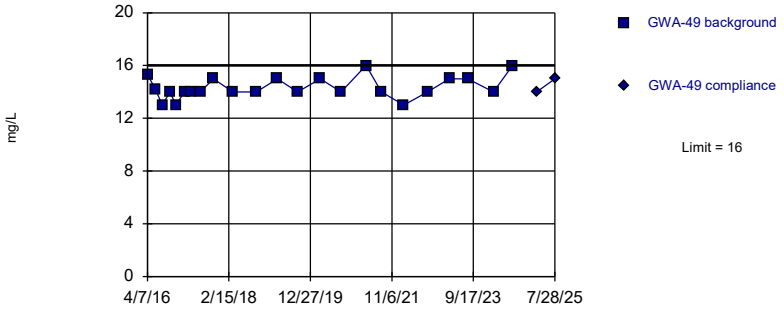
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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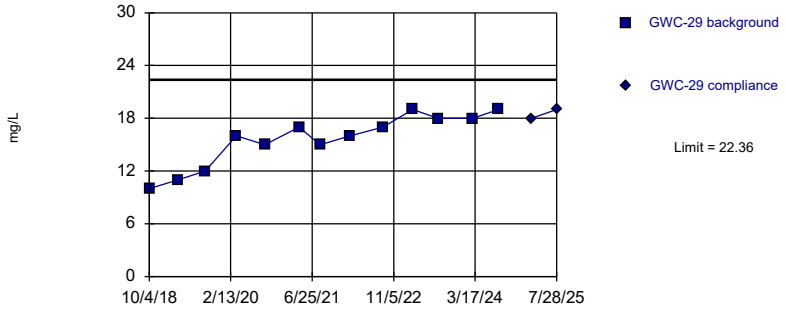
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=15.62, Std. Dev.=2.959, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8984, critical = 0.866. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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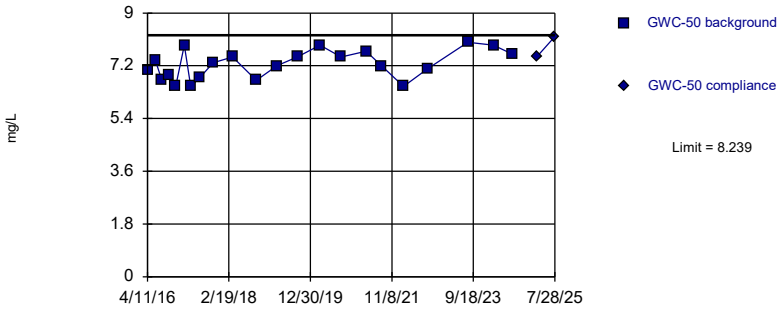
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.243, Std. Dev.=0.4906, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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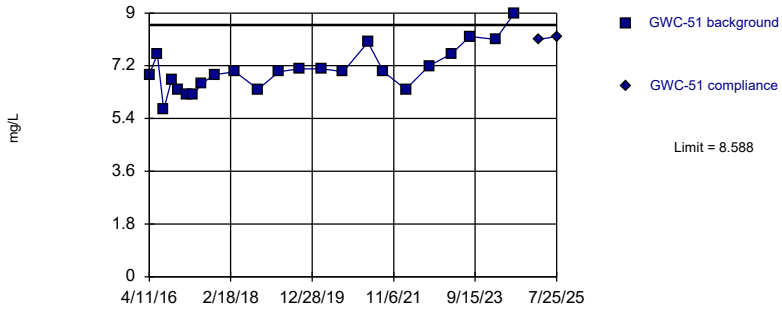
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.057, Std. Dev.=0.7591, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9518, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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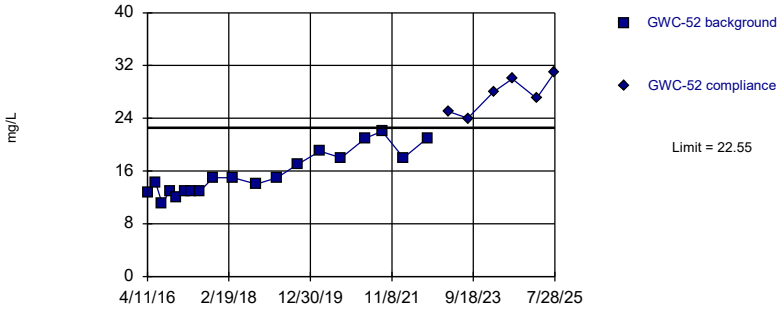
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=15.64, Std. Dev.=3.322, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.91, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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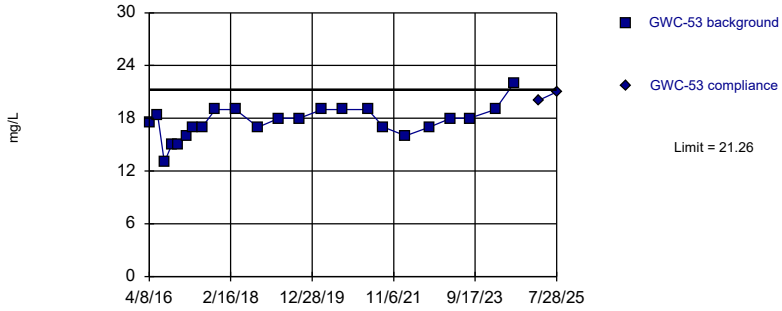
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.56, Std. Dev.=1.834, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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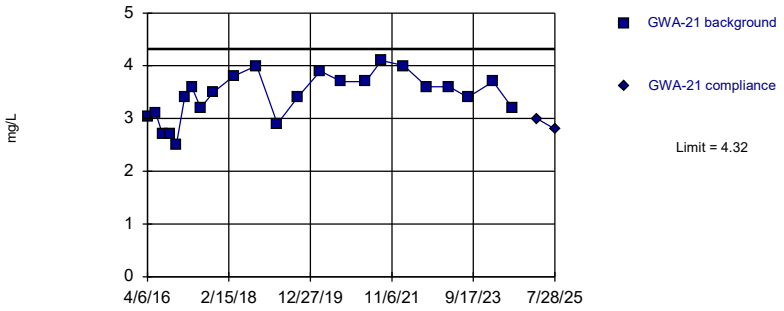
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.423, Std. Dev.=0.4447, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9569, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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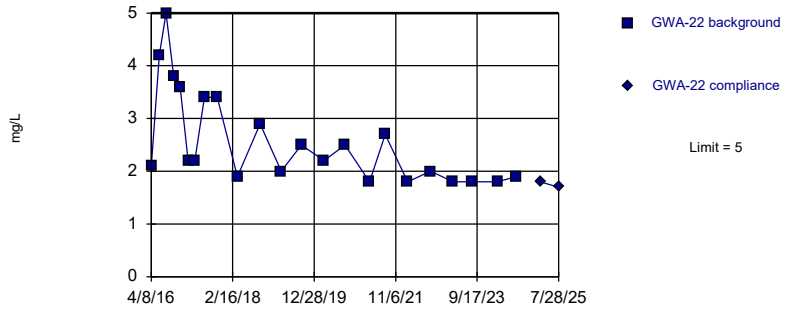
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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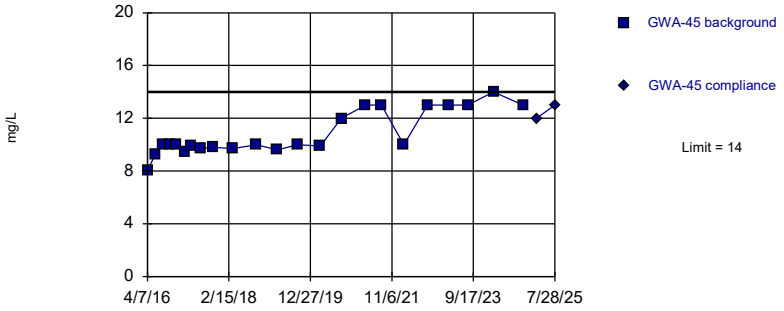
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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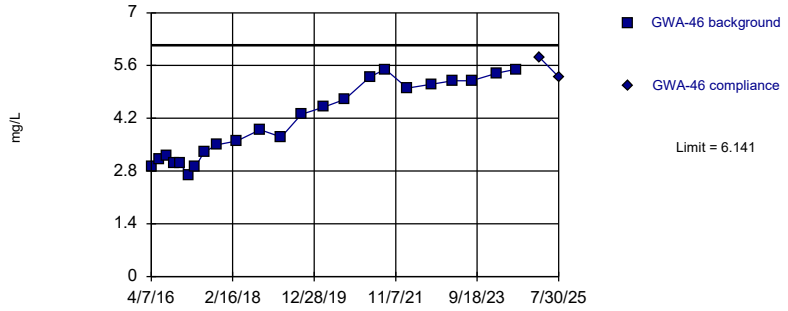
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.109, Std. Dev.=1.007, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8847, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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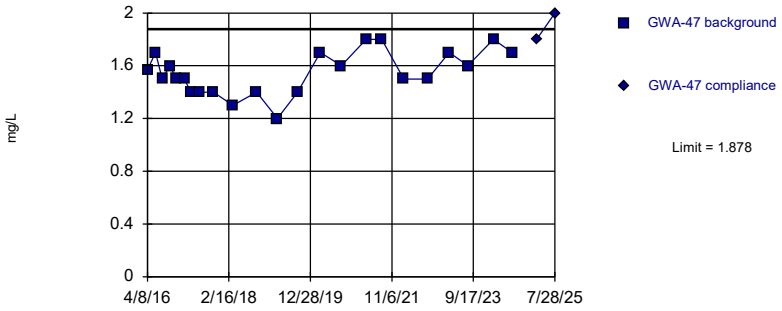
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.547, Std. Dev.=0.1645, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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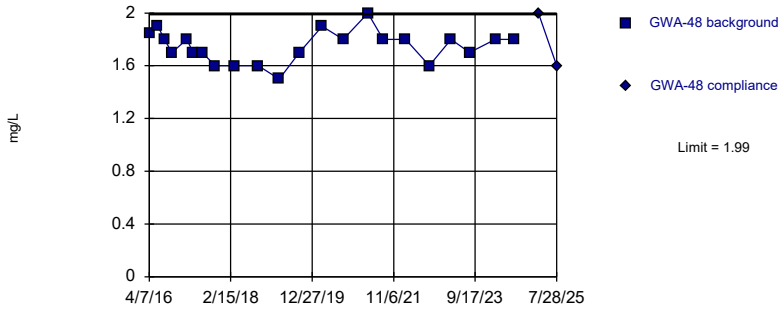
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.747, Std. Dev.=0.1197, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9435, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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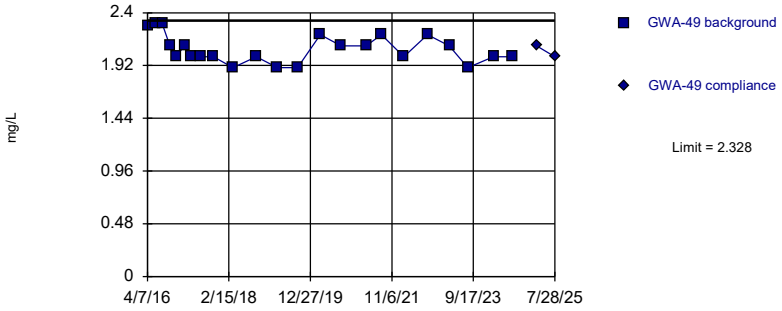
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.069, Std. Dev.=0.1283, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.898, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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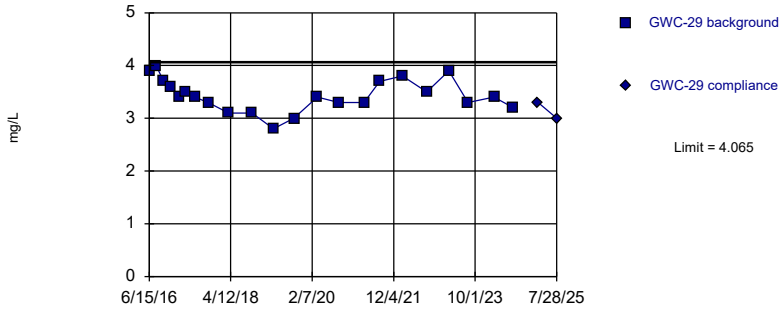
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.436, Std. Dev.=0.3094, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9747, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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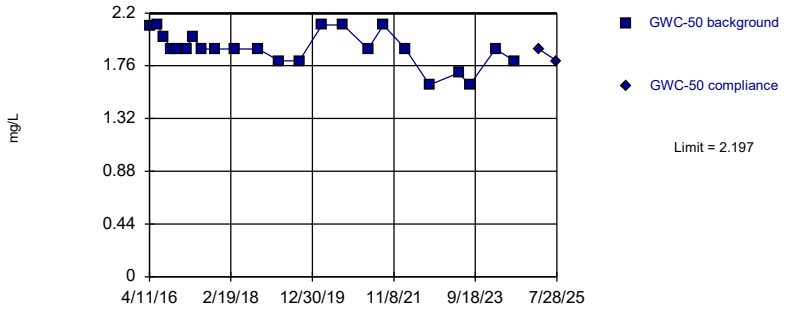
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.904, Std. Dev.=0.1455, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8892, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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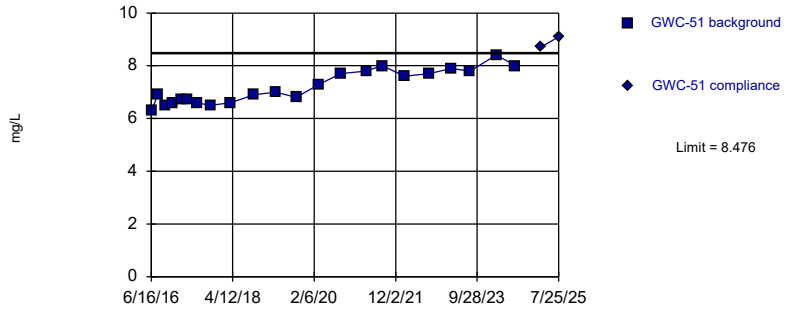
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.195, Std. Dev.=0.6306, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9077, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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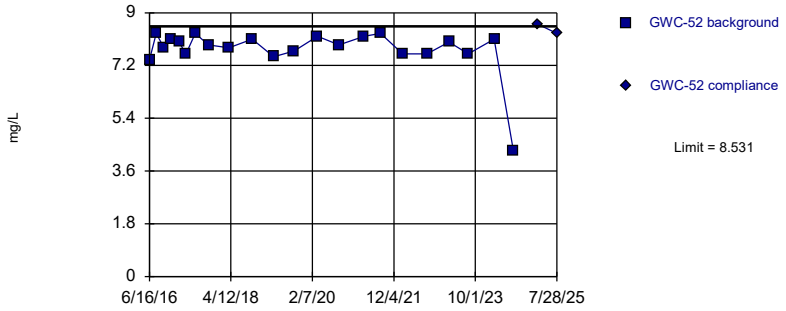
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=237487, Std. Dev.=72936, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8802, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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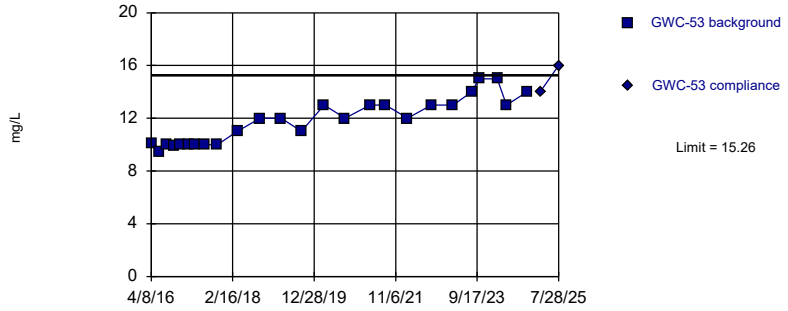
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.81, Std. Dev.=1.733, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8981, critical = 0.888. Kappa = 1.99 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 9/8/2025 12:07 PM View: Appendix III

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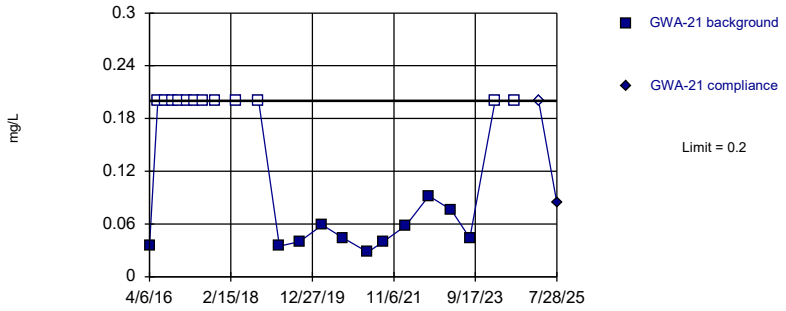
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:07 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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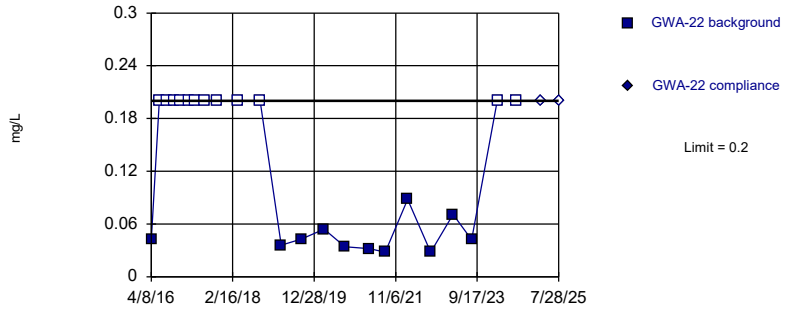
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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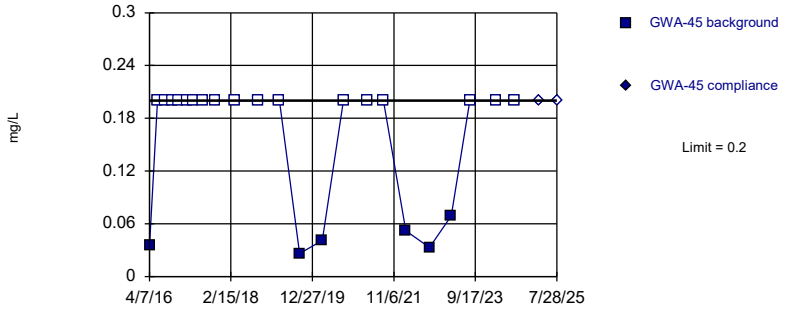
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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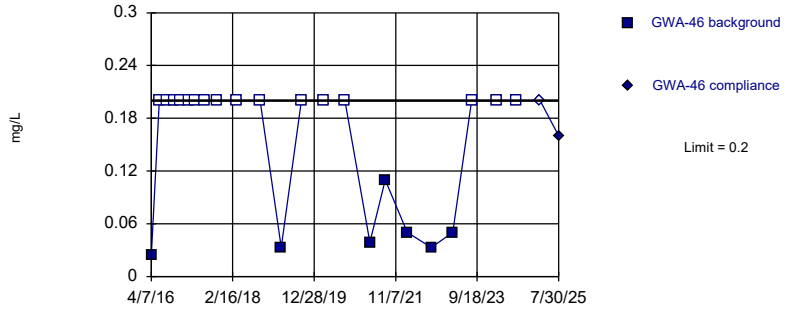
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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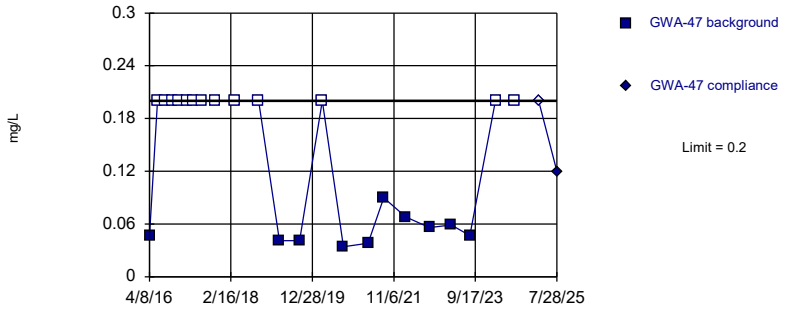
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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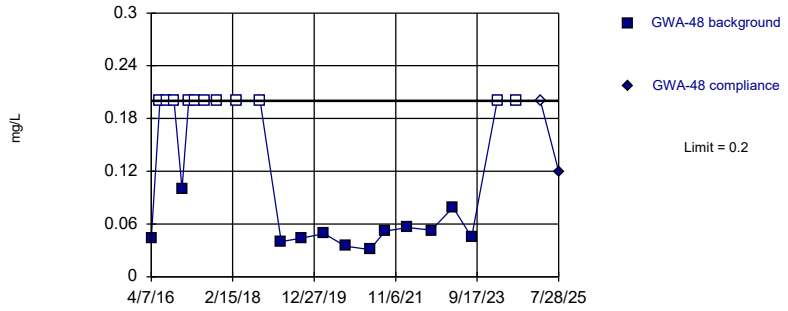
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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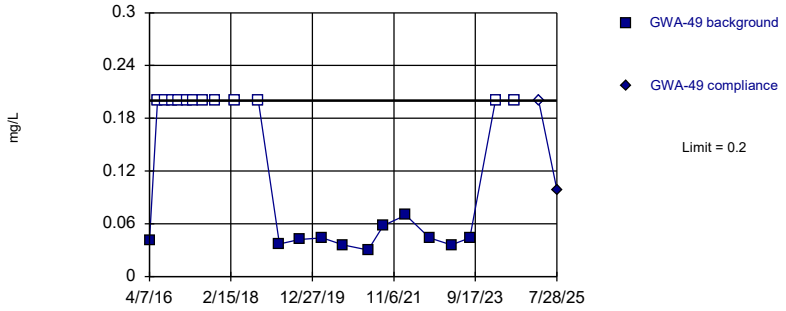
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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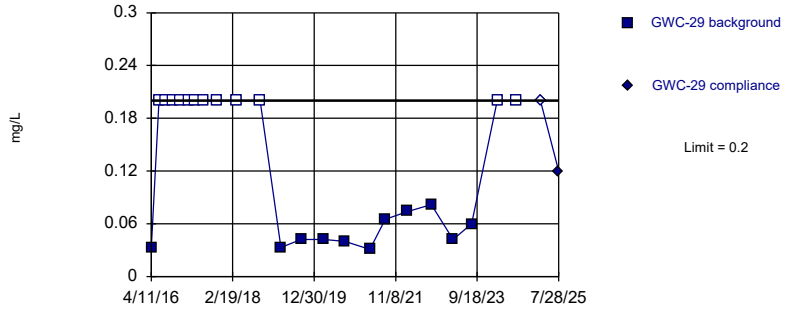
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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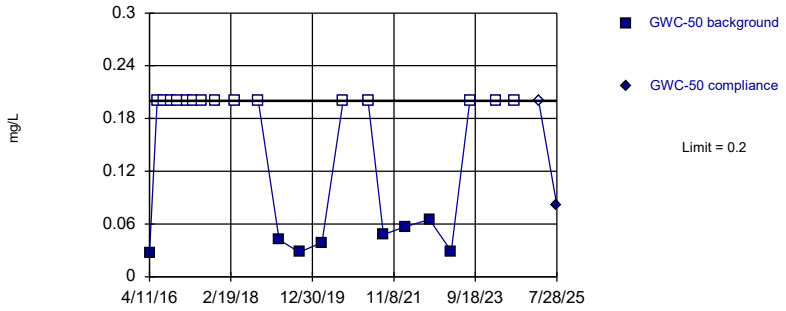
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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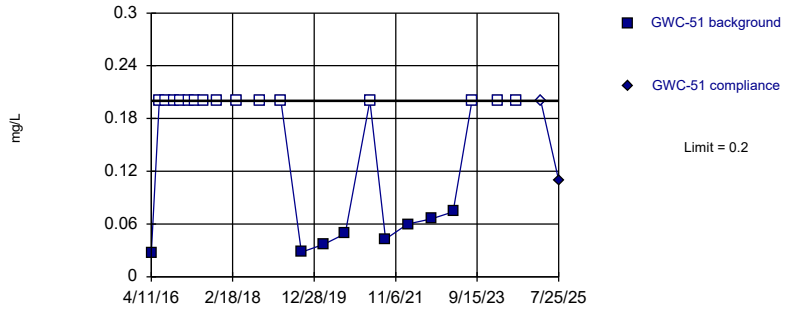
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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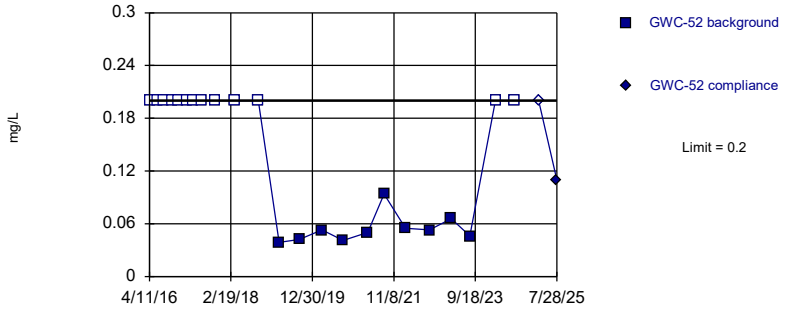
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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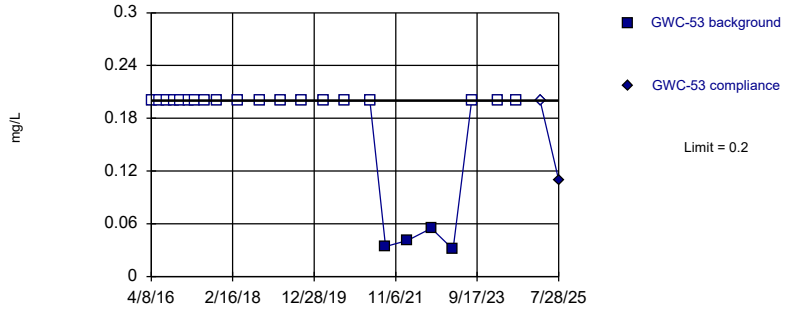
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 9/8/2025 12:08 PM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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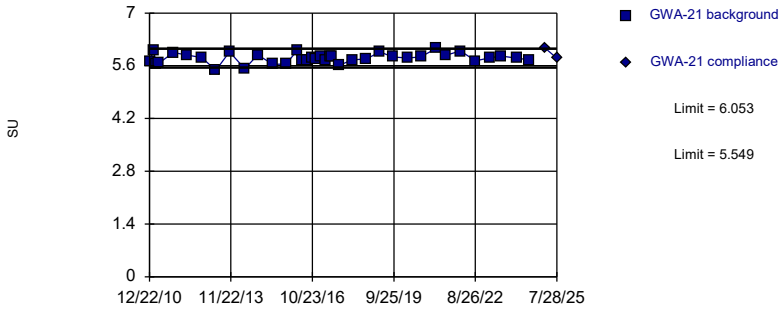
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.801, Std. Dev.=0.1319, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9731, critical = 0.914. Kappa = 1.908 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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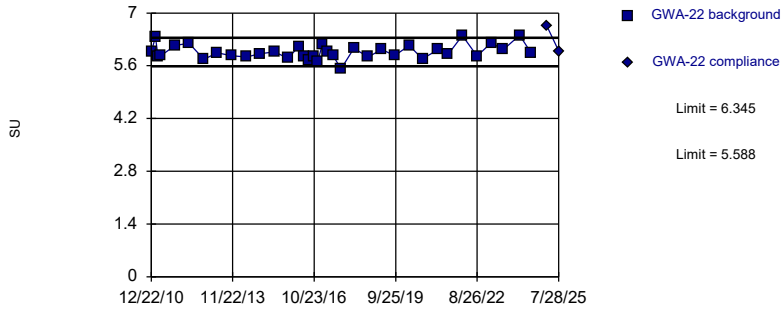
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.966, Std. Dev.=0.198, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.912. Kappa = 1.912 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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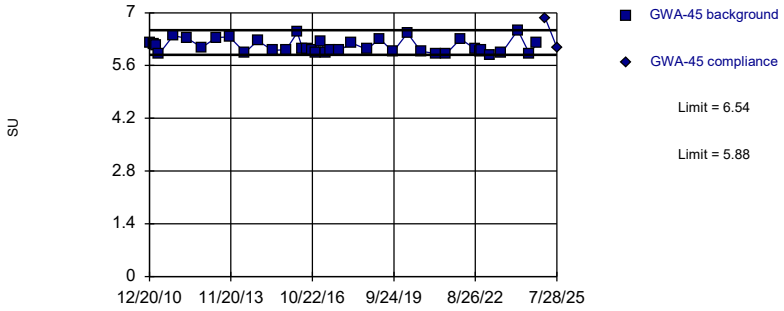
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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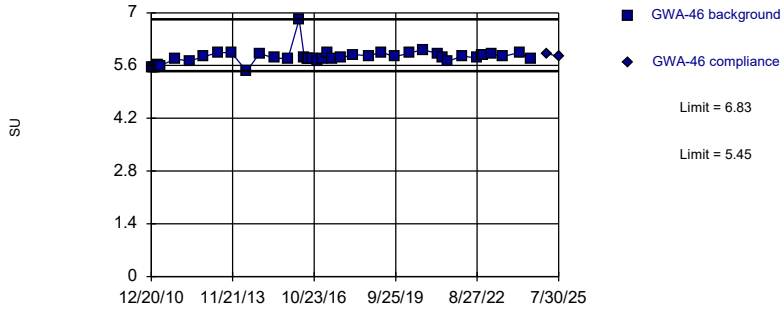
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 40 background values. Well-constituent pair annual alpha = 0.004632. Individual comparison alpha = 0.002317 (1 of 2).

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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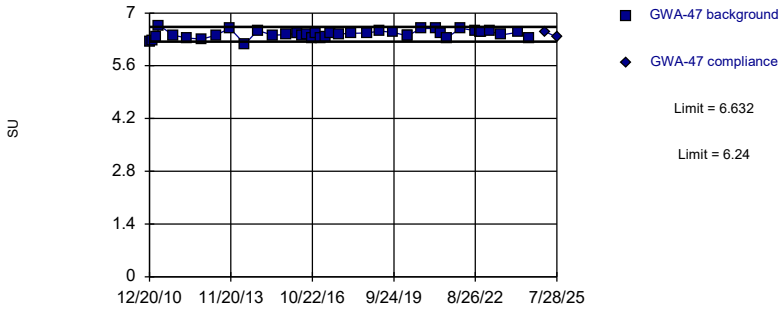
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.436, Std. Dev.=0.1034, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.989, critical = 0.92. Kappa = 1.892 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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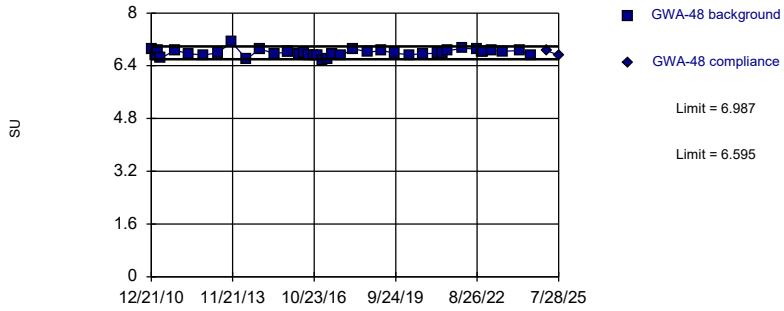
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.791, Std. Dev.=0.1033, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9725, critical = 0.919. Kappa = 1.896 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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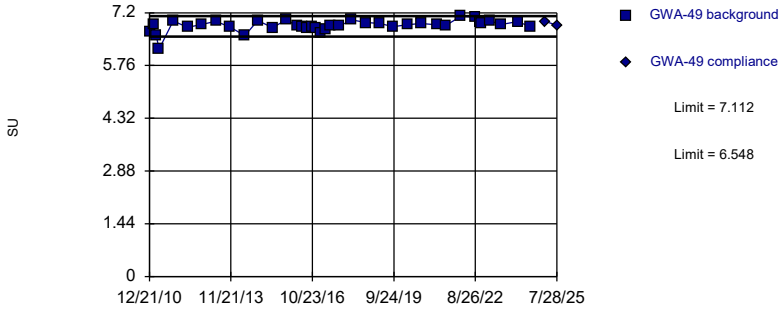
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=15119, Std. Dev.=1618, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9174, critical = 0.916. Kappa = 1.904 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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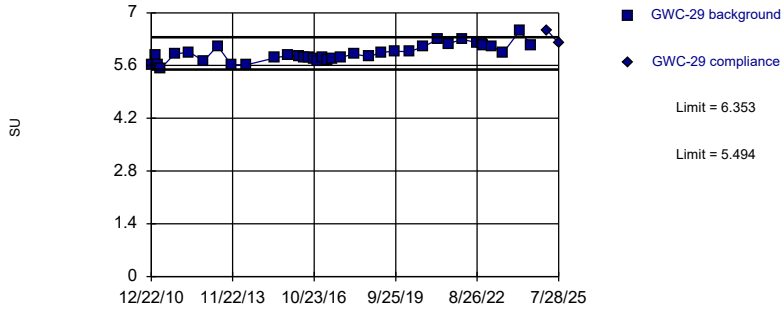
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.924, Std. Dev.=0.2253, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.914. Kappa = 1.908 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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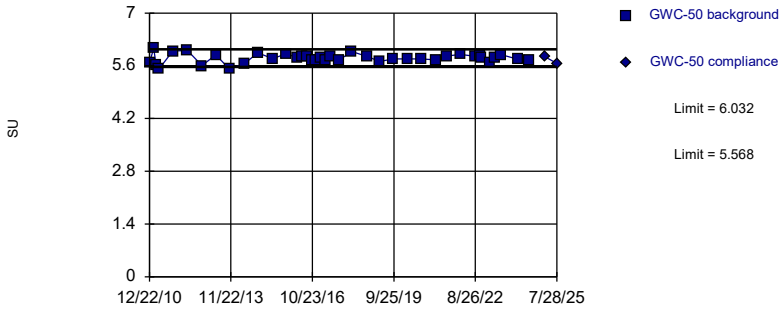
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.1222, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9746, critical = 0.917. Kappa = 1.9 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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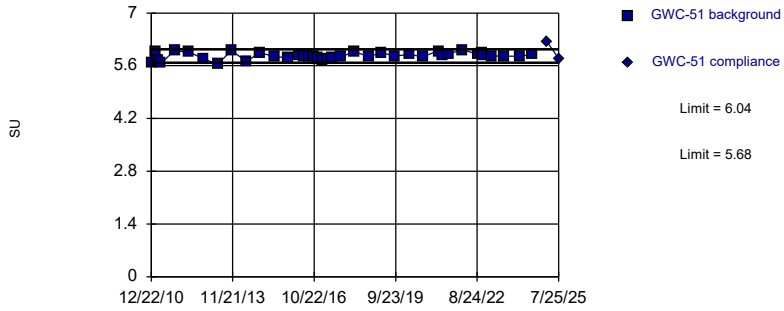
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.86, Std. Dev.=0.0948, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9584, critical = 0.917. Kappa = 1.9 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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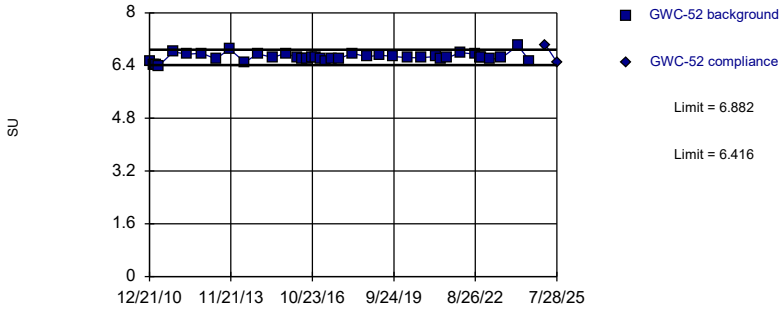
Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.649, Std. Dev.=0.1228, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9574, critical = 0.917. Kappa = 1.9 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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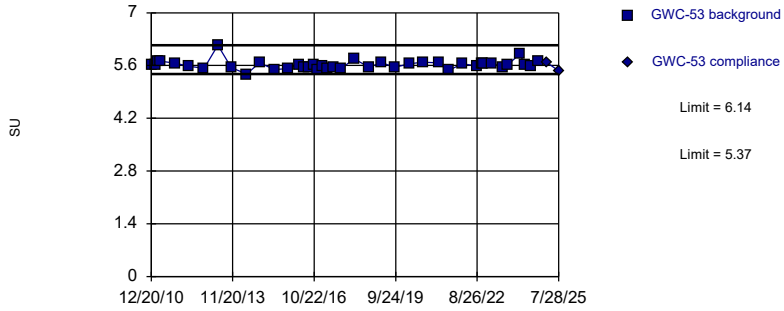
Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 41 background values. Well-constituent pair annual alpha = 0.00447. Individual comparison alpha = 0.002236 (1 of 2).

Constituent: pH, Field Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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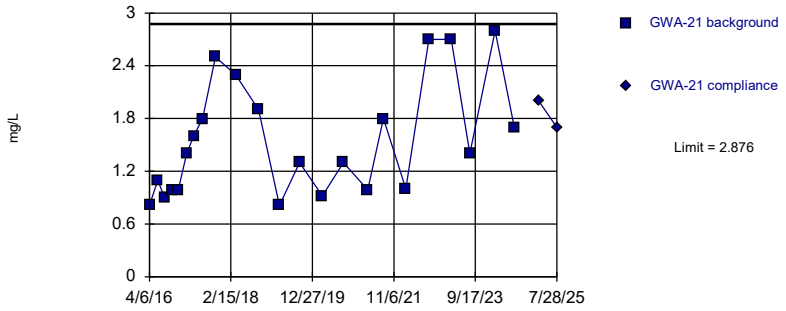
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.553, Std. Dev.=0.6561, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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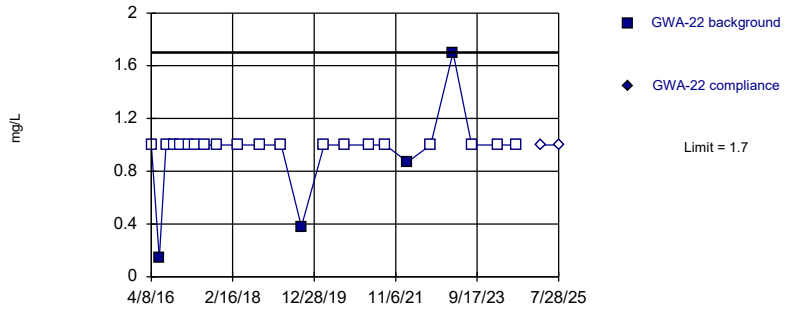
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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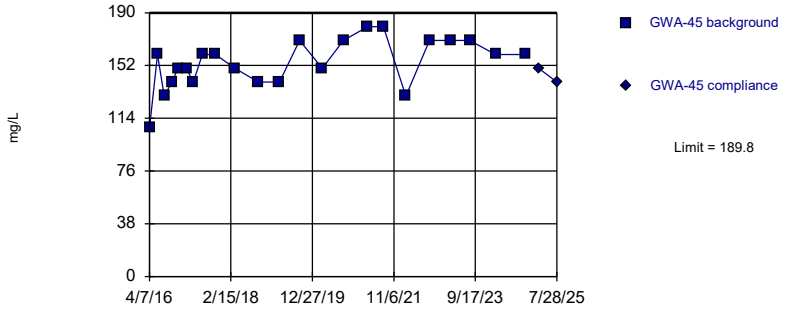
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=153.8, Std. Dev.=17.85, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9391, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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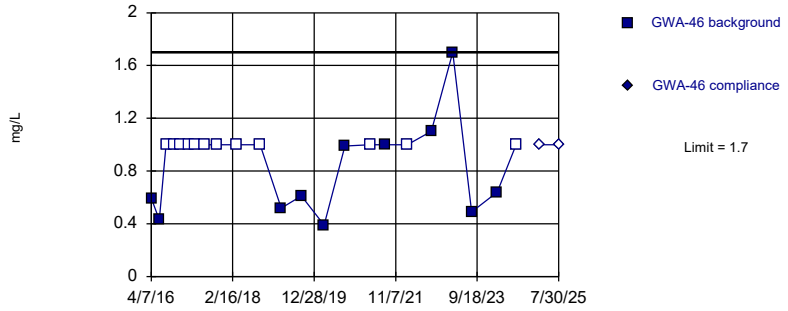
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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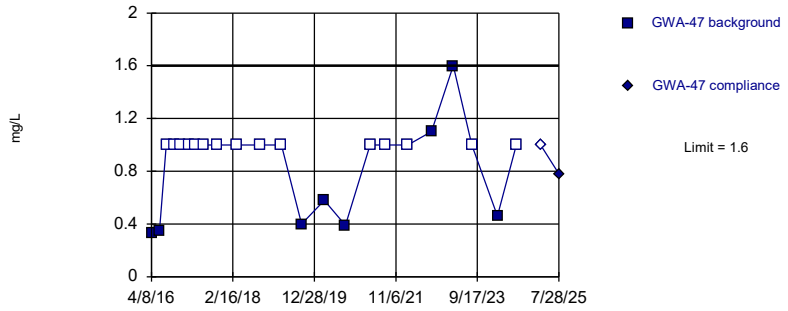
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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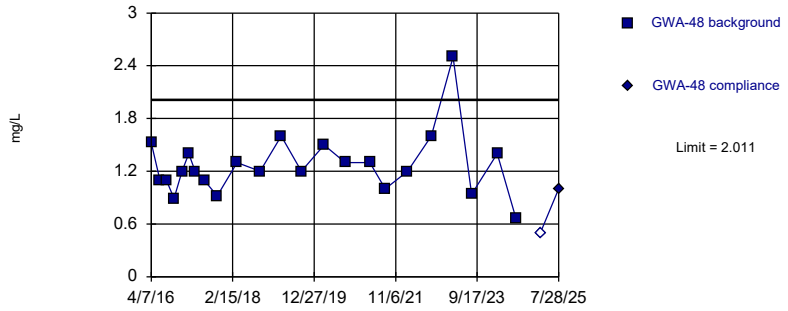
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.116, Std. Dev.=0.1499, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9204, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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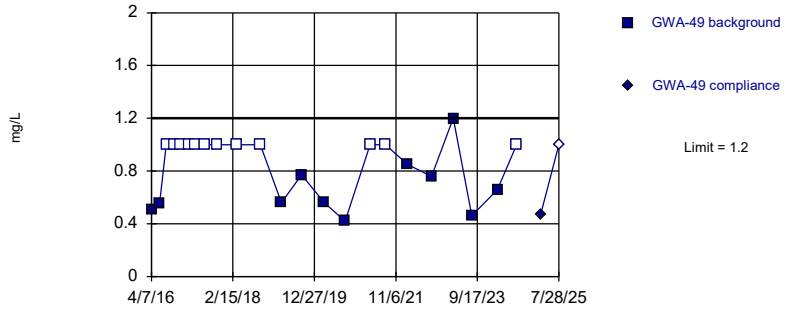
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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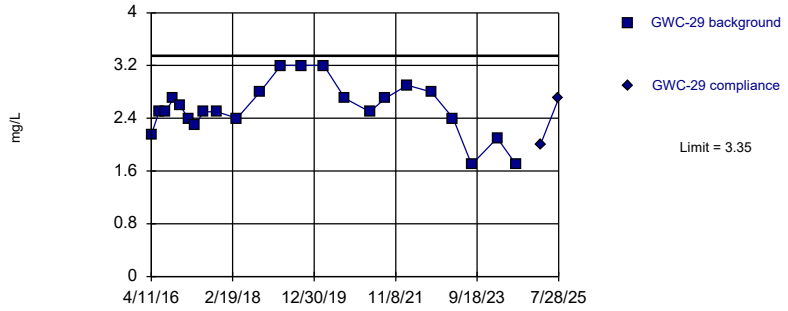
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.541, Std. Dev.=0.4008, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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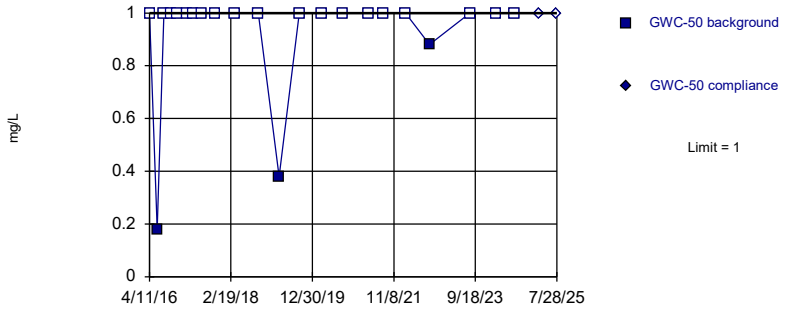
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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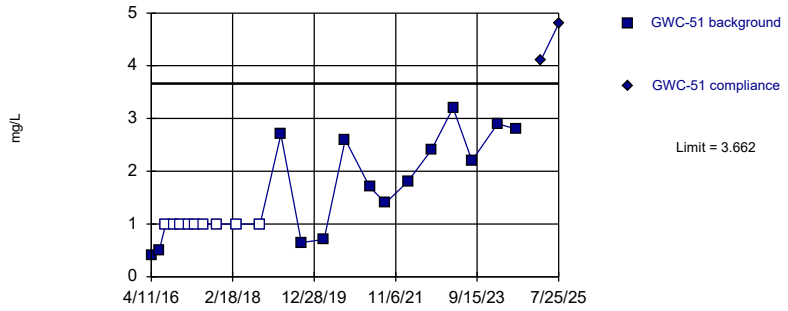
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=1.088, Std. Dev.=0.4091, n=23, 39.13% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9016, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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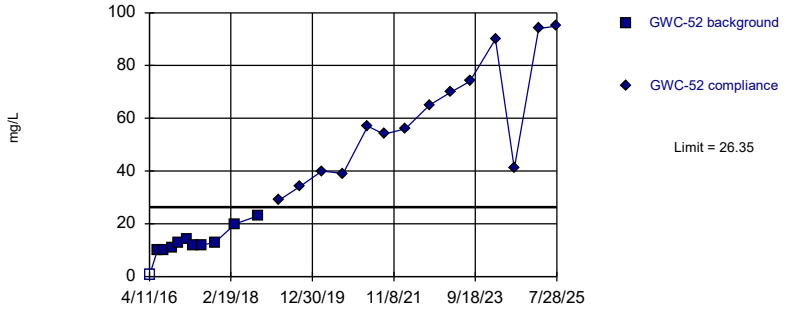
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=12.57, Std. Dev.=5.74, n=11, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9024, critical = 0.85. Kappa = 2.4 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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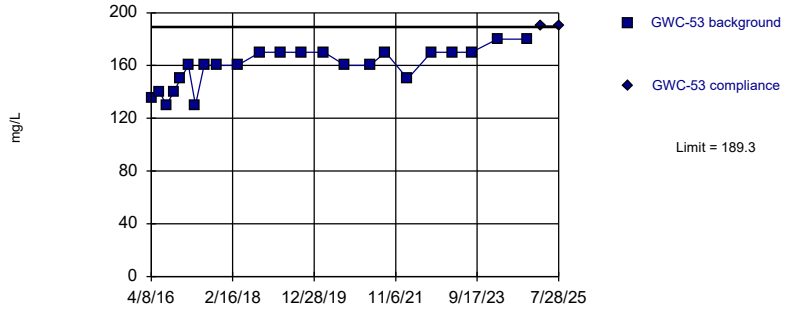
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=158.9, Std. Dev.=15.05, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8866, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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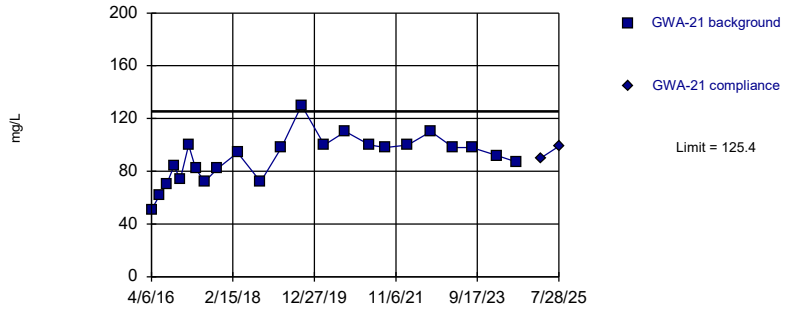
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=89.74, Std. Dev.=17.65, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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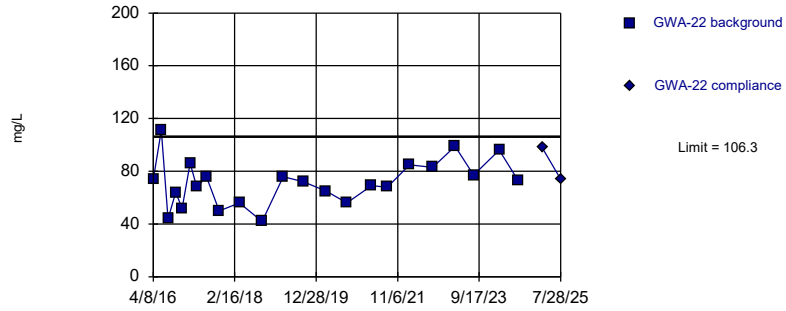
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=71.39, Std. Dev.=17.32, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9769, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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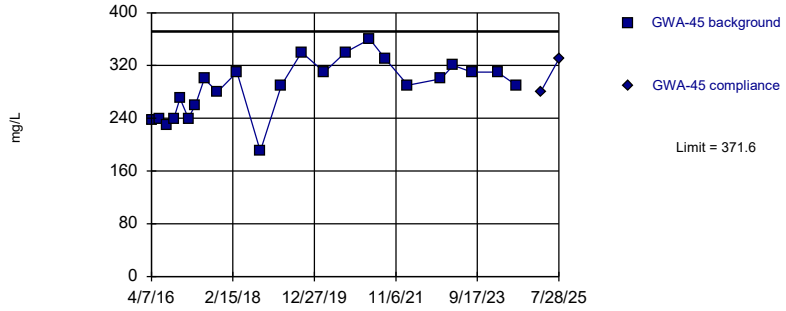
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=286.4, Std. Dev.=42.22, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9643, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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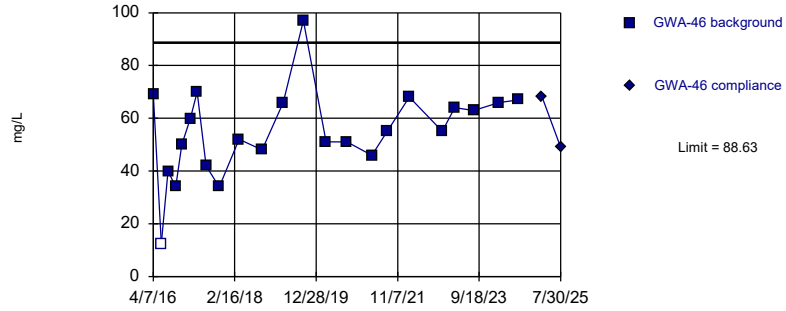
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=54.8, Std. Dev.=16.77, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9537, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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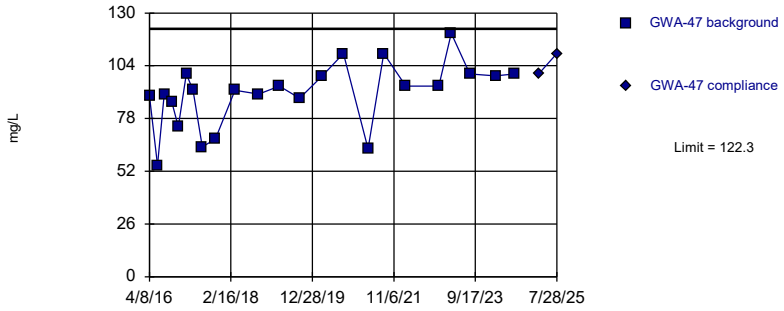
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=90.04, Std. Dev.=15.97, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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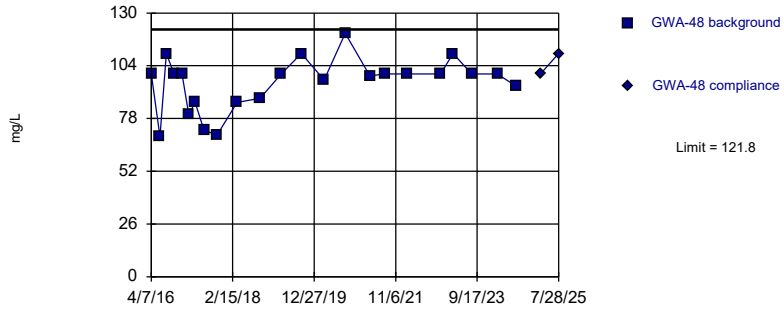
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=95.26, Std. Dev.=13.16, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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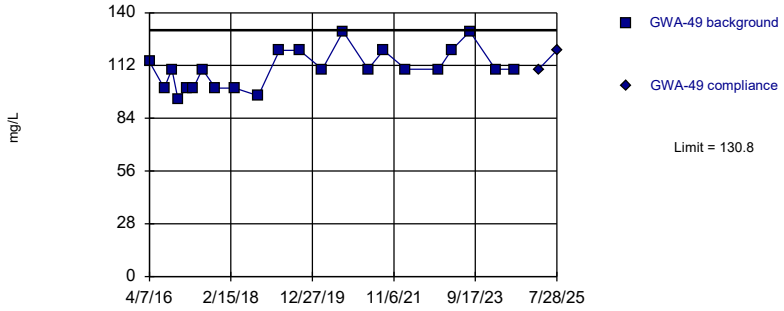
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=110.2, Std. Dev.=10.16, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9212, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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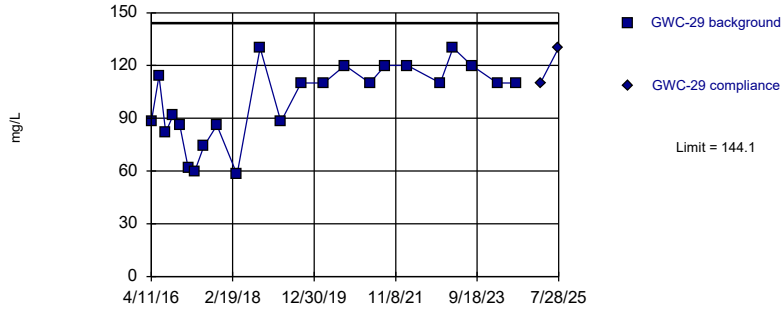
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=99.57, Std. Dev.=22.1, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9105, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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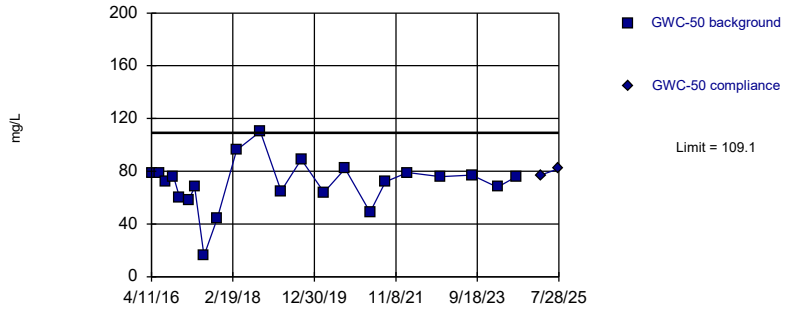
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=70.68, Std. Dev.=18.93, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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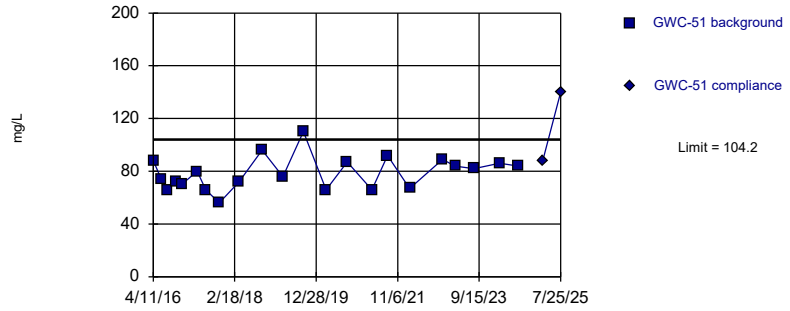
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=78.59, Std. Dev.=12.6, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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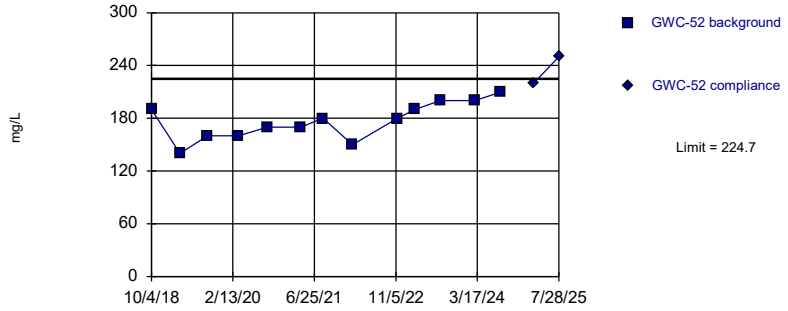
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=176.9, Std. Dev.=20.97, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9727, critical = 0.866. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

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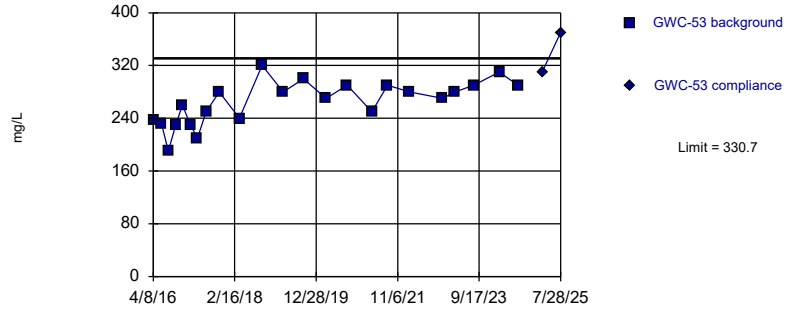
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=264.3, Std. Dev.=32.93, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 9/8/2025 12:08 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	<0.08	
6/14/2016	0.0012 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	0.053	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/26/2022	<0.08	
2/28/2023	<0.08	
8/2/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<0.08	
6/14/2016	0.0029 (JB)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/26/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/28/2023	0.19	
8/3/2023	<0.08	
3/4/2024	0.033 (J)	
8/8/2024	<0.08	
2/25/2025		<0.08
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.0657 (J)	
6/14/2016	0.12	
8/9/2016	0.22	
10/10/2016	0.52	
12/2/2016	0.65	
2/9/2017	0.57	
4/7/2017	0.5	
6/22/2017	0.48	
10/10/2017	0.79	
3/22/2018	0.66	
10/3/2018	0.89	
3/27/2019	0.74	
9/12/2019	0.91	
3/19/2020	0.86	
9/11/2020	1	
4/2/2021	1.1	
8/12/2021	1.1	
2/14/2022	0.86	
8/31/2022	1.2	
2/28/2023	1.1	
8/3/2023	1.1	
3/4/2024	0.98	
8/8/2024	1.2	
2/26/2025		1
7/28/2025		0.94

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/10/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.11	
8/3/2023	0.027 (J)	
3/4/2024	0.022 (J)	
8/8/2024	<0.08	
2/26/2025		<0.08
7/30/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	<0.08	
6/14/2016	0.00079 (J)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/5/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/20/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.034 (J)	
8/3/2023	<0.08	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	0.0049 (JB)	
8/10/2016	<0.08	
10/14/2016	<0.08	
12/19/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	0.044 (J)	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.12	
8/3/2023	0.023 (J)	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/30/2022	<0.08	
3/1/2023	<0.08	
8/3/2023	<0.08	
3/4/2024	<0.08	
8/9/2024	0.022 (J)	
2/26/2025		<0.08
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	<0.08	
6/15/2016	0.0021 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023	0.075 (J)	
8/3/2023	0.025 (J)	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023	0.95 (o)	
8/3/2023	<0.08	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	<0.08	
6/16/2016	0.0034 (JB)	
8/10/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/15/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.08	
8/3/2023	<0.08	
3/4/2024	0.036 (J)	
8/8/2024	<0.08	
2/26/2025		0.022 (J)
7/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.08	
6/16/2016	0.0013 (JB)	
8/11/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/11/2017	<0.08	
6/24/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/17/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023	<0.08	
8/3/2023	<0.08	
3/4/2024	0.023 (J)	
8/8/2024	0.023 (J)	
2/26/2025		0.028 (J)
7/28/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	0.824	
6/16/2016	0.8 (J)	
8/11/2016	0.97	
10/13/2016	0.94	
12/6/2016	1	
2/13/2017	0.97	
4/11/2017	0.88	
6/24/2017	0.87	
10/11/2017	1.1	
3/26/2018	0.91	
10/4/2018	0.92	
3/28/2019	0.97	
9/12/2019	0.94	
3/19/2020	1	
9/11/2020	0.97	
4/6/2021	0.97	
8/13/2021	0.94	
2/14/2022	1	
8/31/2022	1	
2/28/2023	0.91	
8/3/2023	0.97	
3/4/2024	0.97	
8/8/2024	1.2	
2/25/2025		1.1
7/28/2025		1.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	9.27	
6/14/2016	8.2	
8/10/2016	6.9	
10/11/2016	7.6	
12/2/2016	7.4	
2/10/2017	11	
4/10/2017	9.7	
6/23/2017	9.2	
10/9/2017	9.4	
3/26/2018	9.3	
10/3/2018	7.8	
3/27/2019	9.5	
9/12/2019	8.8	
3/19/2020	11	
9/10/2020	8.2	
4/2/2021	9.2	
8/12/2021	7.2	
2/14/2022	8	
8/26/2022	6.8	
2/28/2023	8.1	
8/2/2023	6.4	
2/29/2024	6.7	
8/6/2024	6	
2/25/2025		5.8
7/28/2025		5.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	8.6	
6/14/2016	6.8	
8/9/2016	6.2	
10/11/2016	6.2	
12/5/2016	5.5	
2/10/2017	7.8	
4/7/2017	7.3	
6/26/2017	6.8	
10/9/2017	5.8	
3/26/2018	8.7	
10/3/2018	6.1	
3/27/2019	7.1	
9/12/2019	6.1	
3/19/2020	9.7	
9/10/2020	5.9	
4/2/2021	9	
8/12/2021	6	
2/15/2022	9.6	
8/26/2022	7.8	
2/28/2023	11	
8/3/2023	9.6	
3/4/2024	11	
8/8/2024	7.8	
2/25/2025		11
7/28/2025		7.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	38.4	
6/14/2016	32.9	
8/9/2016	29	
10/10/2016	33	
12/2/2016	33	
2/9/2017	42	
4/7/2017	35	
6/22/2017	38	
10/10/2017	40	
3/22/2018	39	
10/3/2018	41	
3/27/2019	39	
9/12/2019	36	
3/19/2020	45	
9/11/2020	30	
4/2/2021	29	
8/12/2021	26	
2/14/2022	26	
8/31/2022	23	
2/28/2023	23	
8/3/2023	23	
3/4/2024	25	
8/8/2024	20	
2/26/2025		26
7/28/2025		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	6.57	
6/14/2016	5.5	
8/9/2016	4.6	
10/10/2016	5.3	
12/2/2016	5.1	
2/10/2017	5.8	
4/7/2017	5.2	
6/23/2017	5.7	
10/10/2017	5.8	
3/23/2018	6.6	
10/4/2018	5.4	
3/27/2019	6.1	
9/12/2019	5.7	
3/19/2020	6.7	
9/11/2020	5.5	
4/5/2021	7	
8/12/2021	6.1	
2/14/2022	5.9	
8/31/2022	5.7	
2/28/2023	6.6	
8/3/2023	6.4	
3/4/2024	6.8	
8/8/2024	6.9	
2/26/2025		6.1
7/30/2025		6.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	10.7	
6/14/2016	11.3	
8/9/2016	9.6	
10/11/2016	11	
12/5/2016	10	
2/10/2017	11	
4/7/2017	10	
6/22/2017	11	
10/10/2017	11	
3/22/2018	11	
10/5/2018	11	
3/27/2019	11	
9/12/2019	12	
3/20/2020	12	
9/11/2020	11	
4/5/2021	13	
8/13/2021	11	
2/14/2022	11	
8/31/2022	12	
2/28/2023	13	
8/3/2023	13	
3/4/2024	15	
8/8/2024	17	
2/26/2025		14
7/28/2025		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	12.6	
6/17/2016	12.4	
8/10/2016	11	
10/14/2016	13	
12/19/2016	11	
2/13/2017	13	
4/7/2017	12	
6/22/2017	13	
10/10/2017	13	
3/23/2018	13	
10/3/2018	12	
3/27/2019	13	
9/12/2019	13	
3/19/2020	14	
9/11/2020	12	
4/5/2021	13	
8/12/2021	12	
2/14/2022	11	
8/31/2022	12	
2/28/2023	13	
8/3/2023	12	
3/4/2024	13	
8/8/2024	13	
2/26/2025		12
7/28/2025		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	15.3	
6/14/2016	14.2	
8/9/2016	13	
10/11/2016	14	
12/2/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/10/2017	15	
3/22/2018	14	
10/3/2018	14	
3/27/2019	15	
9/12/2019	14	
3/19/2020	15	
9/10/2020	14	
4/6/2021	16	
8/12/2021	14	
2/14/2022	13	
8/30/2022	14	
3/1/2023	15	
8/3/2023	15	
3/4/2024	14	
8/9/2024	16	
2/26/2025		14
7/28/2025		15

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	9.7	
6/15/2016	9.5	
8/10/2016	8.5	
10/11/2016	9.3	
12/5/2016	9	
2/13/2017	9.2	
4/10/2017	9.2	
6/23/2017	9.8	
10/10/2017	10	
3/26/2018	11	
10/4/2018	10	
3/28/2019	11	
9/12/2019	12	
3/19/2020	16	
9/10/2020	15	
4/6/2021	17	
8/13/2021	15	
2/14/2022	16	
8/31/2022	17	
3/1/2023	19	
8/3/2023	18	
3/4/2024	18	
8/8/2024	19	
2/26/2025		18
7/28/2025		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	7.04	
6/15/2016	7.4	
8/10/2016	6.7	
10/11/2016	6.9	
12/2/2016	6.5	
2/13/2017	7.9	
4/7/2017	6.5	
6/22/2017	6.8	
10/10/2017	7.3	
3/23/2018	7.5	
10/4/2018	6.7	
3/28/2019	7.2	
9/12/2019	7.5	
3/19/2020	7.9	
9/10/2020	7.5	
4/6/2021	7.7	
8/13/2021	7.2	
2/14/2022	6.5	
8/31/2022	7.1	
3/1/2023	20 (o)	
8/3/2023	8	
3/4/2024	7.9	
8/8/2024	7.6	
2/26/2025		7.5
7/28/2025		8.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	6.9	
6/16/2016	7.6	
8/10/2016	5.7	
10/13/2016	6.7	
12/5/2016	6.4	
2/13/2017	6.2	
4/10/2017	6.2	
6/23/2017	6.6	
10/11/2017	6.9 (B)	
3/26/2018	7	
10/4/2018	6.4	
3/27/2019	7	
9/12/2019	7.1	
3/19/2020	7.1	
9/11/2020	7	
4/5/2021	8	
8/13/2021	7	
2/15/2022	6.4	
8/31/2022	7.2	
2/28/2023	7.6	
8/3/2023	8.2	
3/4/2024	8.1	
8/8/2024	9	
2/26/2025		8.1
7/25/2025		8.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	12.8	
6/16/2016	14.3	
8/11/2016	11	
10/13/2016	13	
12/5/2016	12	
2/13/2017	13	
4/11/2017	13	
6/24/2017	13	
10/11/2017	15 (B)	
3/26/2018	15	
10/4/2018	14	
3/28/2019	15	
9/12/2019	17	
3/19/2020	19	
9/11/2020	18	
4/5/2021	21	
8/17/2021	22	
2/14/2022	18	
8/31/2022	21	
3/1/2023		25
8/3/2023		24
3/4/2024		28
8/8/2024		30
2/26/2025		27
7/28/2025		31

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	17.5	
6/16/2016	18.4	
8/11/2016	13	
10/13/2016	15	
12/6/2016	15	
2/13/2017	16	
4/11/2017	17	
6/24/2017	17	
10/11/2017	19 (B)	
3/26/2018	19	
10/4/2018	17	
3/28/2019	18	
9/12/2019	18	
3/19/2020	19	
9/11/2020	19	
4/6/2021	19	
8/13/2021	17	
2/14/2022	16	
8/31/2022	17	
2/28/2023	18	
8/3/2023	18	
3/4/2024	19	
8/8/2024	22	
2/25/2025		20
7/28/2025		21

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	3.034	
6/14/2016	3.1	
8/10/2016	2.7	
10/11/2016	2.7	
12/2/2016	2.5	
2/10/2017	3.4	
4/10/2017	3.6	
6/23/2017	3.2	
10/9/2017	3.5	
3/26/2018	3.8	
10/3/2018	4	
3/27/2019	2.9	
9/12/2019	3.4	
3/19/2020	3.9	
9/10/2020	3.7	
4/2/2021	3.7	
8/12/2021	4.1	
2/14/2022	4	
8/26/2022	3.6	
2/28/2023	3.6	
8/2/2023	3.4	
2/29/2024	3.7	
8/6/2024	3.2	
2/25/2025		3
7/28/2025		2.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	2.1	
6/14/2016	4.2	
8/9/2016	5	
10/11/2016	3.8	
12/5/2016	3.6	
2/10/2017	2.2	
4/7/2017	2.2	
6/26/2017	3.4	
10/9/2017	3.4	
3/26/2018	1.9	
10/3/2018	2.9	
3/27/2019	2	
9/12/2019	2.5	
3/19/2020	2.2	
9/10/2020	2.5	
4/2/2021	1.8	
8/12/2021	2.7	
2/15/2022	1.8	
8/26/2022	2	
2/28/2023	1.8	
8/3/2023	1.8	
3/4/2024	1.8	
8/8/2024	1.9	
2/25/2025		1.8
7/28/2025		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3 (D)	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021	13	
8/12/2021	13	
2/14/2022	10	
8/31/2022	13	
2/28/2023	13	
8/3/2023	13	
3/4/2024	14	
8/8/2024	27 (o)	
11/7/2024	13	
2/26/2025		12
7/28/2025		13

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	2.914	
6/14/2016	3.1	
8/9/2016	3.2	
10/10/2016	3	
12/2/2016	3	
2/10/2017	2.7	
4/7/2017	2.9	
6/23/2017	3.3	
10/10/2017	3.5	
3/23/2018	3.6	
10/4/2018	3.9	
3/27/2019	3.7	
9/12/2019	4.3	
3/19/2020	4.5	
9/11/2020	4.7	
4/5/2021	5.3	
8/12/2021	5.5	
2/14/2022	5	
8/31/2022	5.1	
2/28/2023	5.2	
8/3/2023	5.2	
3/4/2024	5.4	
8/8/2024	5.5	
2/26/2025		5.8
7/30/2025		5.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	1.57	
6/14/2016	1.7	
8/9/2016	1.5	
10/11/2016	1.6	
12/5/2016	1.5	
2/10/2017	1.5	
4/7/2017	1.4	
6/22/2017	1.4	
10/10/2017	1.4	
3/22/2018	1.3	
10/5/2018	1.4	
3/27/2019	1.2	
9/12/2019	1.4	
3/20/2020	1.7 (F1)	
9/11/2020	1.6	
4/5/2021	1.8	
8/13/2021	1.8	
2/14/2022	1.5	
8/31/2022	1.5	
2/28/2023	1.7	
8/3/2023	1.6	
3/4/2024	1.8	
8/8/2024	1.7	
2/26/2025		1.8
7/28/2025		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9 (BD)	
8/10/2016	1.8	
10/14/2016	1.7	
12/19/2016	2.7 (O)	
2/13/2017	1.8	
4/7/2017	1.7	
6/22/2017	1.7	
10/10/2017	1.6	
3/23/2018	1.6	
10/3/2018	1.6	
3/27/2019	1.5	
9/12/2019	1.7	
3/19/2020	1.9	
9/11/2020	1.8	
4/5/2021	2	
8/12/2021	1.8	
2/14/2022	1.8	
8/31/2022	1.6	
2/28/2023	1.8	
8/3/2023	1.7	
3/4/2024	1.8	
8/8/2024	1.8	
2/26/2025		2
7/28/2025		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	2.285	
6/14/2016	2.3	
8/9/2016	2.3	
10/11/2016	2.1	
12/2/2016	2	
2/9/2017	2.1	
4/7/2017	2	
6/22/2017	2	
10/10/2017	2	
3/22/2018	1.9	
10/3/2018	2	
3/27/2019	1.9	
9/12/2019	1.9	
3/19/2020	2.2	
9/10/2020	2.1	
4/6/2021	2.1	
8/12/2021	2.2	
2/14/2022	2	
8/30/2022	2.2	
3/1/2023	2.1	
8/3/2023	1.9	
3/4/2024	2	
8/9/2024	2	
2/26/2025		2.1
7/28/2025		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	1.57 (O)	
6/15/2016	3.9	
8/10/2016	4	
10/11/2016	3.7	
12/5/2016	3.6	
2/13/2017	3.4	
4/10/2017	3.5	
6/23/2017	3.4	
10/10/2017	3.3	
3/26/2018	3.1	
10/4/2018	3.1	
3/28/2019	2.8	
9/12/2019	3	
3/19/2020	3.4	
9/10/2020	3.3	
4/6/2021	3.3	
8/13/2021	3.7	
2/14/2022	3.8	
8/31/2022	3.5	
3/1/2023	3.9	
8/3/2023	3.3	
3/4/2024	3.4	
8/8/2024	3.2	
2/26/2025		3.3
7/28/2025		3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	2.09	
6/15/2016	2.1	
8/10/2016	2	
10/11/2016	1.9	
12/2/2016	1.9	
2/13/2017	1.9	
4/7/2017	2	
6/22/2017	1.9	
10/10/2017	1.9	
3/23/2018	1.9	
10/4/2018	1.9	
3/28/2019	1.8	
9/12/2019	1.8	
3/19/2020	2.1	
9/10/2020	2.1	
4/6/2021	1.9	
8/13/2021	2.1	
2/14/2022	1.9	
8/31/2022	1.6	
3/1/2023	14 (o)	
5/2/2023	1.7	
8/3/2023	1.6	
3/4/2024	1.9	
8/8/2024	1.8	
2/26/2025		1.9
7/28/2025		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	2.09 (O)	
6/16/2016	6.3	
8/10/2016	6.9	
10/13/2016	6.5	
12/5/2016	6.6	
2/13/2017	6.7	
4/10/2017	6.7	
6/23/2017	6.6	
10/11/2017	6.5	
3/26/2018	6.6	
10/4/2018	6.9	
3/27/2019	7	
9/12/2019	6.8	
3/19/2020	7.3	
9/11/2020	7.7	
4/5/2021	7.8	
8/13/2021	8	
2/15/2022	7.6	
8/31/2022	7.7	
2/28/2023	7.9	
8/3/2023	7.8	
3/4/2024	8.4	
8/8/2024	8	
2/26/2025		8.7
7/25/2025		9.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.25 (O)	
6/16/2016	7.4	
8/11/2016	8.3	
10/13/2016	7.8	
12/5/2016	8.1	
2/13/2017	8	
4/11/2017	7.6	
6/24/2017	8.3	
10/11/2017	7.9	
3/26/2018	7.8	
10/4/2018	8.1	
3/28/2019	7.5	
9/12/2019	7.7	
3/19/2020	8.2	
9/11/2020	7.9	
4/5/2021	8.2	
8/17/2021	8.3	
2/14/2022	7.6	
8/31/2022	7.6	
3/1/2023	8	
8/3/2023	7.6	
3/4/2024	8.1	
8/8/2024	4.3 (J)	
2/26/2025		8.6
7/28/2025		8.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023	13	
8/3/2023	14	
10/4/2023	15	
3/4/2024	15	
5/20/2024	13	
8/8/2024	29 (o)	
11/7/2024	14	
2/25/2025		14
7/28/2025		16

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.2	
8/10/2016	<0.2	
10/11/2016	<0.2	
12/2/2016	<0.2	
2/10/2017	<0.2	
4/10/2017	<0.2	
6/23/2017	<0.2	
10/9/2017	<0.2	
3/26/2018	<0.2	
10/3/2018	<0.2	
3/27/2019	0.035 (J)	
9/12/2019	0.04 (J)	
3/19/2020	0.059 (J)	
9/10/2020	0.044 (J)	
4/2/2021	0.028 (J)	
8/12/2021	0.04 (J)	
2/14/2022	0.058 (J)	
8/26/2022	0.092 (J)	
2/28/2023	0.076 (J)	
8/2/2023	0.044 (J)	
2/29/2024	<0.2	
8/6/2024	<0.2	
2/25/2025		<0.2
7/28/2025		0.084 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	0.042 (J)	
6/14/2016	<0.2	
8/9/2016	<0.2	
10/11/2016	<0.2	
12/5/2016	<0.2	
2/10/2017	<0.2	
4/7/2017	<0.2	
6/26/2017	<0.2	
10/9/2017	<0.2	
3/26/2018	<0.2	
10/3/2018	<0.2	
3/27/2019	0.036 (J)	
9/12/2019	0.043 (J)	
3/19/2020	0.054 (J)	
9/10/2020	0.034 (J)	
4/2/2021	0.032 (J)	
8/12/2021	0.028 (J)	
2/15/2022	0.088 (J)	
8/26/2022	0.028 (J)	
2/28/2023	0.071 (J)	
8/3/2023	0.042 (J)	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/25/2025		<0.2
7/28/2025		<0.2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.035 (J)	
6/14/2016	<0.2	
8/9/2016	<0.2	
10/10/2016	<0.2	
12/2/2016	<0.2	
2/9/2017	<0.2	
4/7/2017	<0.2	
6/22/2017	<0.2	
10/10/2017	<0.2	
3/22/2018	<0.2	
10/3/2018	<0.2	
3/27/2019	<0.2	
9/12/2019	0.026 (J)	
3/19/2020	0.041 (J)	
9/11/2020	<0.2	
4/2/2021	<0.2	
8/12/2021	<0.2	
2/14/2022	0.052 (J)	
8/31/2022	0.033 (J)	
2/28/2023	0.069 (J)	
8/3/2023	<0.2	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/26/2025		<0.2
7/28/2025		<0.2

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.024 (J)	
6/14/2016	<0.2	
8/9/2016	<0.2	
10/10/2016	<0.2	
12/2/2016	<0.2	
2/10/2017	<0.2	
4/7/2017	<0.2	
6/23/2017	<0.2	
10/10/2017	<0.2	
3/23/2018	<0.2	
10/4/2018	<0.2	
3/27/2019	0.033 (J)	
9/12/2019	<0.2	
3/19/2020	<0.2	
9/11/2020	<0.2	
4/5/2021	0.039 (J)	
8/12/2021	0.11	
2/14/2022	0.05 (J)	
8/31/2022	0.033 (J)	
2/28/2023	0.05 (J)	
8/3/2023	<0.2	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/26/2025		<0.2
7/30/2025		0.16 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.047 (J)	
6/14/2016	<0.2	
8/9/2016	<0.2	
10/11/2016	<0.2	
12/5/2016	<0.2	
2/10/2017	<0.2	
4/7/2017	<0.2	
6/22/2017	<0.2	
10/10/2017	<0.2	
3/22/2018	<0.2	
10/5/2018	<0.2	
3/27/2019	0.041 (J)	
9/12/2019	0.041 (J)	
3/20/2020	<0.2	
9/11/2020	0.034 (J)	
4/5/2021	0.038 (J)	
8/13/2021	0.09 (J)	
2/14/2022	0.068 (J)	
8/31/2022	0.056 (J)	
2/28/2023	0.059 (J)	
8/3/2023	0.047 (J)	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/26/2025		<0.2
7/28/2025		0.12 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.2 (D)	
8/10/2016	<0.2	
10/14/2016	<0.2	
12/19/2016	0.1 (J)	
2/13/2017	<0.2	
4/7/2017	<0.2	
6/22/2017	<0.2	
10/10/2017	<0.2	
3/23/2018	<0.2	
10/3/2018	<0.2	
3/27/2019	0.04 (J)	
9/12/2019	0.044 (J)	
3/19/2020	0.049 (J)	
9/11/2020	0.035 (J)	
4/5/2021	0.031 (J)	
8/12/2021	0.052 (J)	
2/14/2022	0.056 (J)	
8/31/2022	0.053 (J)	
2/28/2023	0.079 (J)	
8/3/2023	0.045 (J)	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/26/2025		<0.2
7/28/2025		0.12 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.2	
8/9/2016	<0.2	
10/11/2016	<0.2	
12/2/2016	<0.2	
2/9/2017	<0.2	
4/7/2017	<0.2	
6/22/2017	<0.2	
10/10/2017	<0.2	
3/22/2018	<0.2	
10/3/2018	<0.2	
3/27/2019	0.037 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.044 (J)	
9/10/2020	0.036 (J)	
4/6/2021	0.03 (J)	
8/12/2021	0.058 (J)	
2/14/2022	0.07 (J)	
8/30/2022	0.044 (J)	
3/1/2023	0.036 (J)	
8/3/2023	0.044 (J)	
3/4/2024	<0.2	
8/9/2024	<0.2	
2/26/2025		<0.2
7/28/2025		0.099 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.2	
8/10/2016	<0.2	
10/11/2016	<0.2	
12/5/2016	<0.2	
2/13/2017	<0.2	
4/10/2017	<0.2	
6/23/2017	<0.2	
10/10/2017	<0.2	
3/26/2018	<0.2	
10/4/2018	<0.2	
3/28/2019	0.033 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.042 (J)	
9/10/2020	0.04 (J)	
4/6/2021	0.031 (J)	
8/13/2021	0.065 (JF1)	
2/14/2022	0.074 (J)	
8/31/2022	0.082 (J)	
3/1/2023	0.042 (J)	
8/3/2023	0.06 (J)	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/26/2025		<0.2
7/28/2025		0.12 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	0.027 (J)	
6/15/2016	<0.2	
8/10/2016	<0.2	
10/11/2016	<0.2	
12/2/2016	<0.2	
2/13/2017	<0.2	
4/7/2017	<0.2	
6/22/2017	<0.2	
10/10/2017	<0.2	
3/23/2018	<0.2	
10/4/2018	<0.2	
3/28/2019	0.042 (J)	
9/12/2019	0.028 (J)	
3/19/2020	0.039 (J)	
9/10/2020	<0.2	
4/6/2021	<0.2	
8/13/2021	0.048 (J)	
2/14/2022	0.057 (J)	
8/31/2022	0.065 (J)	
3/1/2023	0.029 (J)	
8/3/2023	<0.2	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/26/2025		<0.2
7/28/2025		0.081 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.027 (J)	
6/16/2016	<0.2	
8/10/2016	<0.2	
10/13/2016	<0.2	
12/5/2016	<0.2	
2/13/2017	<0.2	
4/10/2017	<0.2	
6/23/2017	<0.2	
10/11/2017	<0.2	
3/26/2018	<0.2	
10/4/2018	<0.2	
3/27/2019	<0.2	
9/12/2019	0.028 (J)	
3/19/2020	0.037 (J)	
9/11/2020	0.049 (J)	
4/5/2021	<0.2	
8/13/2021	0.043 (J)	
2/15/2022	0.06 (J)	
8/31/2022	0.066 (J)	
2/28/2023	0.074 (J)	
8/3/2023	<0.2	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/26/2025		<0.2
7/25/2025		0.11 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.2	
6/16/2016	<0.2	
8/11/2016	<0.2	
10/13/2016	<0.2	
12/5/2016	<0.2	
2/13/2017	<0.2	
4/11/2017	<0.2	
6/24/2017	<0.2	
10/11/2017	<0.2	
3/26/2018	<0.2	
10/4/2018	<0.2	
3/28/2019	0.039 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.053 (J)	
9/11/2020	0.041 (J)	
4/5/2021	0.05 (J)	
8/17/2021	0.094 (JF1)	
2/14/2022	0.055 (J)	
8/31/2022	0.053 (J)	
3/1/2023	0.066 (J)	
8/3/2023	0.046 (J)	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/26/2025		<0.2
7/28/2025		0.11 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	<0.2	
6/16/2016	<0.2	
8/11/2016	<0.2	
10/13/2016	<0.2	
12/6/2016	<0.2	
2/13/2017	<0.2	
4/11/2017	<0.2	
6/24/2017	<0.2	
10/11/2017	<0.2	
3/26/2018	<0.2	
10/4/2018	<0.2	
3/28/2019	<0.2	
9/12/2019	<0.2	
3/19/2020	<0.2	
9/11/2020	<0.2	
4/6/2021	<0.2	
8/13/2021	0.034 (J)	
2/14/2022	0.041 (J)	
8/31/2022	0.055 (J)	
2/28/2023	0.031 (J)	
8/3/2023	<0.2	
3/4/2024	<0.2	
8/8/2024	<0.2	
2/25/2025		<0.2
7/28/2025		0.11 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	5.72	
2/14/2011	6.01	
3/22/2011	5.65	
4/26/2011	5.67	
10/27/2011	5.95	
5/1/2012	5.88	
11/8/2012	5.82	
5/7/2013	5.48	
11/4/2013	5.97	
5/24/2014	5.52	
11/8/2014	5.89 (D)	
5/21/2015	5.64	
11/13/2015	5.65 (D)	
4/6/2016	6	
6/14/2016	5.75	
8/10/2016	5.75	
10/11/2016	5.8	
12/2/2016	5.78	
2/10/2017	5.83	
4/10/2017	5.74	
6/23/2017	5.83	
6/26/2017	5.83	
10/9/2017	5.61	
3/26/2018	5.76	
10/3/2018	5.78	
3/27/2019	5.97	
9/12/2019	5.83	
3/19/2020	5.81	
9/10/2020	5.83	
4/2/2021	6.06	
8/12/2021	5.88	
2/14/2022	5.99	
8/26/2022	5.73	
2/28/2023	5.81	
8/2/2023	5.86	
2/29/2024	5.8	
8/6/2024	5.76	
2/25/2025		6.07
7/28/2025		5.8

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	5.97	
2/14/2011	6.37	
3/22/2011	5.83	
4/26/2011	5.87	
10/27/2011	6.14	
5/1/2012	6.2	
11/8/2012	5.77	
5/7/2013	5.94	
11/4/2013	5.87	
5/24/2014	5.83	
11/8/2014	5.92 (D)	
5/21/2015	5.97 (D)	
11/13/2015	5.8 (D)	
4/8/2016	6.12	
6/14/2016	5.84	
8/9/2016	5.75	
10/11/2016	5.84	
12/5/2016	5.7	
2/10/2017	6.17	
4/7/2017	5.99	
6/26/2017	5.87	
10/9/2017	5.52	
3/26/2018	6.06	
10/3/2018	5.83	
3/27/2019	6.04	
9/12/2019	5.87	
3/19/2020	6.14	
9/10/2020	5.78	
4/2/2021	6.03	
8/12/2021	5.91	
2/15/2022	6.4	
8/26/2022	5.86	
2/28/2023	6.21	
8/3/2023	6.03	
3/4/2024	6.41	
8/8/2024	5.93	
2/25/2025		6.66
7/28/2025		5.99

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	6.21	
2/14/2011	6.17	
3/21/2011	6.14	
4/26/2011	5.91	
10/26/2011	6.39	
5/1/2012	6.32	
11/8/2012	6.08	
5/8/2013	6.34	
11/4/2013	6.36	
5/24/2014	5.94	
11/7/2014	6.26 (D)	
5/20/2015	6	
11/13/2015	6.02 (D)	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021	5.92	
8/12/2021	5.92	
2/14/2022	6.31	
8/31/2022	6.03	
10/25/2022	5.99	
11/16/2022	6.02	
2/28/2023	5.88	
8/3/2023	5.93	
3/4/2024	6.54	
8/8/2024	5.9	
11/7/2024	6.19	
2/26/2025		6.85
7/28/2025		6.08

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	5.54	
2/1/2011	5.55	
3/21/2011	5.61	
4/26/2011	5.6	
10/27/2011	5.77	
5/2/2012	5.72	
11/8/2012	5.83	
5/7/2013	5.94	
11/4/2013	5.94	
5/24/2014	5.45	
11/7/2014	5.92 (D)	
5/20/2015	5.8	
11/13/2015	5.78 (D)	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
8/9/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021	5.92	
6/1/2021	5.8	
8/12/2021	5.71	
2/14/2022	5.85	
8/31/2022	5.8	
10/25/2022	5.88	
11/16/2022	5.88	
2/28/2023	5.91	
8/3/2023	5.84	
3/4/2024	5.94	
8/8/2024	5.77	
2/26/2025		5.92
7/30/2025		5.84

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	6.25	
2/1/2011	6.26	
3/23/2011	6.36	
4/27/2011	6.67	
10/26/2011	6.41	
5/1/2012	6.33	
11/8/2012	6.31	
5/7/2013	6.41	
11/5/2013	6.6	
5/23/2014	6.17	
11/7/2014	6.54 (D)	
5/21/2015	6.41	
11/12/2015	6.43 (D)	
4/7/2016	6.46	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021	6.59	
6/1/2021	6.46	
8/13/2021	6.33	
2/14/2022	6.6	
8/31/2022	6.53	
10/25/2022	6.48	
11/16/2022	6.51	
2/28/2023	6.52	
8/3/2023	6.42	
3/4/2024	6.49	
8/8/2024	6.34	
2/26/2025		6.5
7/28/2025		6.36

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	6.91	
2/14/2011	6.73	
3/23/2011	6.88	
4/27/2011	6.63	
10/25/2011	6.87	
5/1/2012	6.76	
11/8/2012	6.72	
5/7/2013	6.79	
11/5/2013	7.11	
5/23/2014	6.6	
11/7/2014	6.91 (D)	
5/21/2015	6.77	
11/12/2015	6.81	
11/13/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021	6.78	
6/1/2021	6.78	
8/12/2021	6.86	
2/14/2022	6.93	
8/31/2022	6.91	
10/25/2022	6.81	
11/16/2022	6.83	
2/28/2023	6.87	
8/3/2023	6.84	
3/4/2024	6.86	
8/8/2024	6.72	
2/26/2025		6.85
7/28/2025		6.72

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	6.68	
2/14/2011	6.88	
3/21/2011	6.58	
4/26/2011	6.21	
10/26/2011	6.98	
5/2/2012	6.8	
11/8/2012	6.88	
5/8/2013	6.97	
11/5/2013	6.81	
5/23/2014	6.58	
11/7/2014	6.99 (D)	
5/21/2015	6.79	
11/12/2015	7 (D)	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021	6.87	
8/12/2021	6.86	
2/14/2022	7.1	
8/30/2022	7.08	
10/25/2022	6.96	
11/16/2022	6.91	
3/1/2023	6.98	
8/3/2023	6.88	
3/4/2024	6.96	
8/9/2024	6.82	
2/26/2025		6.96
7/28/2025		6.86

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	5.62	
2/15/2011	5.89	
3/22/2011	5.61	
4/27/2011	5.53	
10/26/2011	5.91	
5/2/2012	5.95	
11/8/2012	5.72	
5/8/2013	6.12	
11/4/2013	5.62	
5/24/2014	5.62	
5/22/2015	5.8 (D)	
11/13/2015	5.87 (D)	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021	6.3	
8/13/2021	6.18	
2/14/2022	6.29	
8/31/2022	6.21	
10/25/2022	6.21	
11/16/2022	6.14	
3/1/2023	6.11	
8/3/2023	5.94	
3/4/2024	6.52	
8/8/2024	6.14	
2/26/2025		6.54
7/28/2025		6.19

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	5.68	
2/15/2011	6.06	
3/22/2011	5.61	
4/27/2011	5.52	
10/26/2011	5.99	
5/2/2012	6	
11/8/2012	5.6	
5/8/2013	5.89	
11/4/2013	5.51	
5/24/2014	5.66	
11/8/2014	5.94 (D)	
5/22/2015	5.79 (D)	
11/13/2015	5.92 (D)	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021	5.76	
8/13/2021	5.86	
2/14/2022	5.9	
8/31/2022	5.85	
10/25/2022	5.89	
11/16/2022	5.81	
3/1/2023	5.69	
5/2/2023	5.82	
8/3/2023	5.89	
3/4/2024	5.77	
8/8/2024	5.74	
2/26/2025		5.83
7/28/2025		5.66

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	5.67	
2/15/2011	5.98	
3/22/2011	5.74	
4/27/2011	5.67	
10/26/2011	6	
5/2/2012	5.96	
11/8/2012	5.78	
5/8/2013	5.64	
11/4/2013	6	
5/24/2014	5.71	
11/7/2014	5.95 (D)	
5/22/2015	5.84 (D)	
5/25/2015	8.36 (O)	
11/13/2015	5.82 (D)	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021	5.99	
6/2/2021	5.87	
8/13/2021	5.92	
2/15/2022	6.02	
8/31/2022	5.91	
10/25/2022	5.94	
11/16/2022	5.87	
2/28/2023	5.86	
8/3/2023	5.86	
3/4/2024	5.85	
8/8/2024	5.91	
2/26/2025		6.23
7/25/2025		5.79

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	6.52	
2/15/2011	6.42	
3/21/2011	6.41	
4/28/2011	6.4	
10/26/2011	6.81	
5/1/2012	6.74	
11/9/2012	6.77	
5/8/2013	6.6	
11/4/2013	6.9	
5/24/2014	6.5	
11/7/2014	6.75 (D)	
5/22/2015	6.65 (D)	
5/25/2015	7.63 (O)	
11/13/2015	6.77 (D)	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021	6.68	
6/2/2021	6.6	
8/17/2021	6.63	
2/14/2022	6.79	
8/31/2022	6.74	
10/25/2022	6.65	
11/16/2022	6.65	
3/1/2023	6.59	
8/3/2023	6.63	
3/4/2024	7.01	
8/8/2024	6.54	
2/26/2025		7.03
7/28/2025		6.5

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	5.63	
2/14/2011	5.61	
3/21/2011	5.71	
4/27/2011	5.71	
10/26/2011	5.66	
5/1/2012	5.58	
11/9/2012	5.53	
5/8/2013	6.14	
11/4/2013	5.54	
5/24/2014	5.37	
11/7/2014	5.67 (D)	
5/20/2015	5.49	
11/13/2015	5.52 (D)	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022	5.64	
11/16/2022	5.65	
2/28/2023	5.66	
8/3/2023	5.56	
10/4/2023	5.63	
3/4/2024	5.9	
5/20/2024	5.61	
8/8/2024	5.58	
11/7/2024	5.73	
2/25/2025		5.68
7/28/2025		5.46

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.813 (J)	
6/14/2016	1.1	
8/10/2016	0.9 (J)	
10/11/2016	0.99 (J)	
12/2/2016	0.99 (J)	
2/10/2017	1.4	
4/10/2017	1.6	
6/23/2017	1.8	
10/9/2017	2.5	
3/26/2018	2.3	
10/3/2018	1.9	
3/27/2019	0.81 (J)	
9/12/2019	1.3	
3/19/2020	0.92 (J)	
9/10/2020	1.3	
4/2/2021	0.99 (J)	
8/12/2021	1.8	
2/14/2022	1	
8/26/2022	2.7	
2/28/2023	2.7	
8/2/2023	1.4	
2/29/2024	2.8	
8/6/2024	1.7	
2/25/2025		2
7/28/2025		1.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	0.14 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/26/2017	<1	
10/9/2017	<1	
3/26/2018	<1	
10/3/2018	<1	
3/27/2019	<1	
9/12/2019	0.38 (J)	
3/19/2020	<1	
9/10/2020	<1	
4/2/2021	<1	
8/12/2021	<1	
2/15/2022	0.87 (J)	
8/26/2022	<1	
2/28/2023	1.7	
8/3/2023	<1	
3/4/2024	<1	
8/8/2024	<1	
2/25/2025		<1
7/28/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160 (D)	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021	180	
8/12/2021	180	
2/14/2022	130	
8/31/2022	170	
2/28/2023	170	
8/3/2023	170	
3/4/2024	160	
8/8/2024	300 (o)	
11/7/2024	160	
2/26/2025		150
7/28/2025		140

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	0.43 (J)	
8/9/2016	<1	
10/10/2016	<1	
12/2/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/23/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/27/2019	0.52 (J)	
9/12/2019	0.61 (J)	
3/19/2020	0.39 (J)	
9/11/2020	0.99 (J)	
4/5/2021	<1	
8/12/2021	1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023	1.7	
8/3/2023	0.49 (J)	
3/4/2024	0.64 (J)	
8/8/2024	<1	
2/26/2025		<1
7/30/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.334 (J)	
6/14/2016	0.35 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/5/2018	<1	
3/27/2019	<1	
9/12/2019	0.4 (J)	
3/20/2020	0.58 (J)	
9/11/2020	0.39 (J)	
4/5/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023	1.6	
8/3/2023	<1	
3/4/2024	0.46 (J)	
8/8/2024	<1	
2/26/2025		<1
7/28/2025		0.78 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1 (D)	
8/10/2016	1.1	
10/14/2016	0.89 (J)	
12/19/2016	1.2	
2/13/2017	1.4	
4/7/2017	1.2	
6/22/2017	1.1	
10/10/2017	0.92 (J)	
3/23/2018	1.3	
10/3/2018	1.2	
3/27/2019	1.6	
9/12/2019	1.2	
3/19/2020	1.5	
9/11/2020	1.3	
4/5/2021	1.3	
8/12/2021	1	
2/14/2022	1.2	
8/31/2022	1.6	
2/28/2023	2.5	
8/3/2023	0.94 (J)	
3/4/2024	1.4	
8/8/2024	0.66 (J)	
2/26/2025		<1
7/28/2025		1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	0.55 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/27/2019	0.56 (J)	
9/12/2019	0.77 (J)	
3/19/2020	0.56 (J)	
9/10/2020	0.42 (J)	
4/6/2021	<1	
8/12/2021	<1	
2/14/2022	0.85 (J)	
8/30/2022	0.76 (J)	
3/1/2023	1.2	
8/3/2023	0.46 (J)	
3/4/2024	0.66 (J)	
8/9/2024	<1	
2/26/2025		0.47 (J)
7/28/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	2.15	
6/15/2016	2.5	
8/10/2016	2.5	
10/11/2016	2.7	
12/5/2016	2.6	
2/13/2017	2.4	
4/10/2017	2.3	
6/23/2017	2.5	
10/10/2017	2.5	
3/26/2018	2.4	
10/4/2018	2.8	
3/28/2019	3.2	
9/12/2019	3.2	
3/19/2020	3.2	
9/10/2020	2.7	
4/6/2021	2.5	
8/13/2021	2.7	
2/14/2022	2.9	
8/31/2022	2.8	
3/1/2023	2.4	
8/3/2023	1.7	
3/4/2024	2.1	
8/8/2024	1.7	
2/26/2025		2
7/28/2025		2.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/13/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/28/2019	0.38 (J)	
9/12/2019	<1	
3/19/2020	<1	
9/10/2020	<1	
4/6/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	0.88 (J)	
3/1/2023	170 (o)	
8/3/2023	<1	
3/4/2024	<1	
8/8/2024	<1	
2/26/2025		<1
7/28/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	0.5 (J)	
8/10/2016	<1	
10/13/2016	<1	
12/5/2016	<1	
2/13/2017	<1	
4/10/2017	<1	
6/23/2017	<1	
10/11/2017	<1	
3/26/2018	<1	
10/4/2018	<1	
3/27/2019	2.7	
9/12/2019	0.65 (J)	
3/19/2020	0.71 (J)	
9/11/2020	2.6	
4/5/2021	1.7	
8/13/2021	1.4	
2/15/2022	1.8	
8/31/2022	2.4	
2/28/2023	3.2	
8/3/2023	2.2	
3/4/2024	2.9	
8/8/2024	2.8	
2/26/2025		4.1
7/25/2025		4.8

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8 (F1)	
10/13/2016	11	
12/5/2016	13	
2/13/2017	14	
4/11/2017	12	
6/24/2017	12	
10/11/2017	13	
3/26/2018	20	
10/4/2018	23	
3/28/2019		29
9/12/2019		34
3/19/2020		40
9/11/2020		39
4/5/2021		57 (F1)
8/17/2021		54
2/14/2022		56
8/31/2022		65
3/1/2023		70
8/3/2023		74
3/4/2024		90
8/8/2024		41
2/26/2025		94
7/28/2025		95

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021	160	
8/13/2021	170	
2/14/2022	150	
8/31/2022	170	
2/28/2023	170	
8/3/2023	170	
3/4/2024	180	
8/8/2024	340 (o)	
11/7/2024	180	
2/25/2025		190
7/28/2025		190

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	51	
6/14/2016	62	
8/10/2016	70	
10/11/2016	84	
12/2/2016	74	
2/10/2017	100	
4/10/2017	82	
6/23/2017	72	
10/9/2017	82	
3/26/2018	94	
10/3/2018	72	
3/27/2019	98	
9/12/2019	130	
3/19/2020	100	
9/10/2020	110	
4/2/2021	100	
8/12/2021	98	
2/14/2022	100	
8/26/2022	110	
2/28/2023	98	
8/2/2023	98	
2/29/2024	92	
8/6/2024	87	
2/25/2025		90
7/28/2025		99

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	74	
6/14/2016	111	
8/9/2016	44	
10/11/2016	64	
12/5/2016	52	
2/10/2017	86	
4/7/2017	68	
6/26/2017	76	
10/9/2017	50	
3/26/2018	56	
10/3/2018	42	
3/27/2019	76	
9/12/2019	72	
3/19/2020	65	
9/10/2020	56	
4/2/2021	69	
8/12/2021	68	
2/15/2022	85	
8/26/2022	83	
2/28/2023	99	
8/3/2023	77	
3/4/2024	96	
8/8/2024	73	
2/25/2025		98
7/28/2025		74

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	237	
6/14/2016	240	
8/9/2016	230	
10/10/2016	240	
12/2/2016	270	
2/9/2017	240	
4/7/2017	260	
6/22/2017	300	
10/10/2017	280	
3/22/2018	310	
10/3/2018	190	
3/27/2019	290	
9/12/2019	340	
3/19/2020	310	
9/11/2020	340	
4/2/2021	360	
8/12/2021	330	
2/14/2022	290	
11/16/2022	300	
2/28/2023	320	
8/3/2023	310	
3/4/2024	310	
8/8/2024	290	
2/26/2025		280
7/28/2025		330

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	69	
6/14/2016	<25	
8/9/2016	40	
10/10/2016	34	
12/2/2016	50	
2/10/2017	60	
4/7/2017	70	
6/23/2017	42	
10/10/2017	34	
3/23/2018	52	
10/4/2018	48	
3/27/2019	66	
9/12/2019	97	
3/19/2020	51	
9/11/2020	51	
4/5/2021	46	
8/12/2021	55	
2/14/2022	68	
11/16/2022	55	
2/28/2023	64	
8/3/2023	63	
3/4/2024	66	
8/8/2024	67	
2/26/2025		68
7/30/2025		49

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	89	
6/14/2016	55	
8/9/2016	90	
10/11/2016	86	
12/5/2016	74	
2/10/2017	100	
4/7/2017	92	
6/22/2017	64	
10/10/2017	68	
3/22/2018	92	
10/5/2018	90	
3/27/2019	94	
9/12/2019	88	
3/20/2020	99	
9/11/2020	110	
4/5/2021	63	
8/13/2021	110	
2/14/2022	94	
11/16/2022	94	
2/28/2023	120	
8/3/2023	100	
3/4/2024	99	
8/8/2024	100	
2/26/2025		100
7/28/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	100	
6/17/2016	69	
8/10/2016	110	
10/14/2016	100	
12/19/2016	100	
2/13/2017	80	
4/7/2017	86	
6/22/2017	72	
10/10/2017	70	
3/23/2018	86	
10/3/2018	88	
3/27/2019	100	
9/12/2019	110	
3/19/2020	97	
9/11/2020	120	
4/5/2021	99	
8/12/2021	100	
2/14/2022	100	
11/16/2022	100	
2/28/2023	110	
8/3/2023	100	
3/4/2024	100	
8/8/2024	94	
2/26/2025		100
7/28/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	114	
6/14/2016	56 (O)	
8/9/2016	100	
10/11/2016	110	
12/2/2016	94	
2/9/2017	100	
4/7/2017	100	
6/22/2017	110	
10/10/2017	100	
3/22/2018	100	
10/3/2018	96	
3/27/2019	120	
9/12/2019	120	
3/19/2020	110	
9/10/2020	130	
4/6/2021	110	
8/12/2021	120	
2/14/2022	110	
11/16/2022	110	
3/1/2023	120	
8/3/2023	130	
3/4/2024	110	
8/9/2024	110	
2/26/2025		110
7/28/2025		120

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	88	
6/15/2016	114	
8/10/2016	82	
10/11/2016	92	
12/5/2016	86	
2/13/2017	62	
4/10/2017	60	
6/23/2017	74	
10/10/2017	86	
3/26/2018	58	
10/4/2018	130	
3/28/2019	88	
9/12/2019	110	
3/19/2020	110	
9/10/2020	120	
4/6/2021	110	
8/13/2021	120	
2/14/2022	120	
11/16/2022	110	
3/1/2023	130	
8/3/2023	120	
3/4/2024	110	
8/8/2024	110	
2/26/2025		110
7/28/2025		130

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	79	
6/15/2016	79	
8/10/2016	72	
10/11/2016	76	
12/2/2016	60	
2/13/2017	58	
4/7/2017	68	
6/22/2017	16	
10/10/2017	44	
3/23/2018	96	
10/4/2018	110	
3/28/2019	65	
9/12/2019	89	
3/19/2020	64	
9/10/2020	82	
4/6/2021	49	
8/13/2021	72	
2/14/2022	79	
11/16/2022	76	
3/1/2023	290 (o)	
8/3/2023	77	
3/4/2024	68	
8/8/2024	76	
2/26/2025		77
7/28/2025		82

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	88	
6/16/2016	74	
8/10/2016	66	
10/13/2016	72	
12/5/2016	70	
2/13/2017	12 (O)	
4/10/2017	80	
6/23/2017	66	
10/11/2017	56	
3/26/2018	72	
10/4/2018	96	
3/27/2019	76	
9/12/2019	110	
3/19/2020	66	
9/11/2020	87	
4/5/2021	66	
8/13/2021	92	
2/15/2022	67	
11/16/2022	89	
2/28/2023	84	
8/3/2023	82	
3/4/2024	86	
8/8/2024	84	
2/26/2025		88
7/25/2025		140

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	103	
6/16/2016	117	
8/11/2016	94	
10/13/2016	110	
12/5/2016	130	
2/13/2017	92	
4/11/2017	120	
6/24/2017	120	
10/11/2017	120	
3/26/2018	98	
10/4/2018	190	
3/28/2019	140	
9/12/2019	160	
3/19/2020	160	
9/11/2020	170	
4/5/2021	170	
8/17/2021	180	
2/14/2022	150	
11/16/2022	180	
3/1/2023	190	
8/3/2023	200	
3/4/2024	200	
8/8/2024	210	
2/26/2025		220
7/28/2025		250

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/8/2025 12:11 PM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021	250	
8/13/2021	290	
2/14/2022	280	
11/16/2022	270	
2/28/2023	280	
8/3/2023	290	
3/4/2024	310	
8/8/2024	290	
2/25/2025		310
7/28/2025		370

FIGURE H.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 12:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWC-53**	**14**	**n/a**	**7/28/2025**	**16**	**Yes**	**174**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**7/28/2025**	**190**	**Yes**	**175**	**n/a**	**n/a**	**37.14**	**n/a**	**n/a**	**0.00006462**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**GWC-53**	**360**	**n/a**	**7/28/2025**	**370**	**Yes**	**174**	**n/a**	**n/a**	**0.5747**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 12:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-52	45	n/a	7/28/2025	31	No	175	n/a	n/a	0	n/a	n/a	0.00006462	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	14	n/a	7/25/2025	9.1	No	174	n/a	n/a	0	n/a	n/a	0.00006541	NP Inter (normality) 1 of 2
Chloride (mg/L)	**GWC-53**	**14**	**n/a**	**7/28/2025**	**16**	**Yes**	**174**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-51	180	n/a	7/25/2025	4.8	No	175	n/a	n/a	37.14	n/a	n/a	0.00006462	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	7/28/2025	95	No	175	n/a	n/a	37.14	n/a	n/a	0.00006462	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**7/28/2025**	**190**	**Yes**	**175**	**n/a**	**n/a**	**37.14**	**n/a**	**n/a**	**0.00006462**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	GWC-51	360	n/a	7/25/2025	140	No	174	n/a	n/a	0.5747	n/a	n/a	0.00006541	NP Inter (normality) 1 of 2
TDS (mg/L)	GWC-52	360	n/a	7/28/2025	250	No	174	n/a	n/a	0.5747	n/a	n/a	0.00006541	NP Inter (normality) 1 of 2
TDS (mg/L)	**GWC-53**	**360**	**n/a**	**7/28/2025**	**370**	**Yes**	**174**	**n/a**	**n/a**	**0.5747**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**

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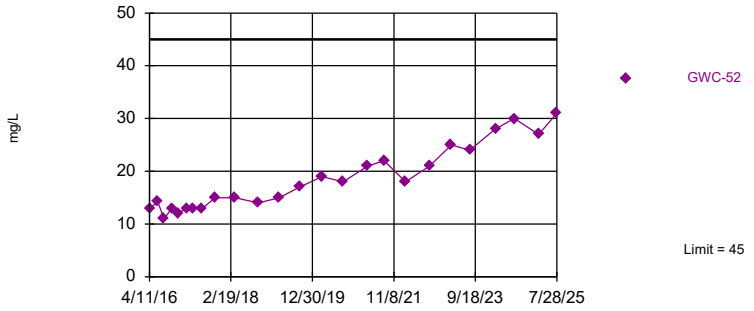
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 175 background values. Annual per-constituent alpha = 0.000646. Individual comparison alpha = 0.00006462 (1 of 2). Assumes 4 future values.

Constituent: Calcium Analysis Run 9/5/2025 12:14 PM View: Appendix III - Two Step
Plant Scherer Client: Southern Company Data: Scherer PAC

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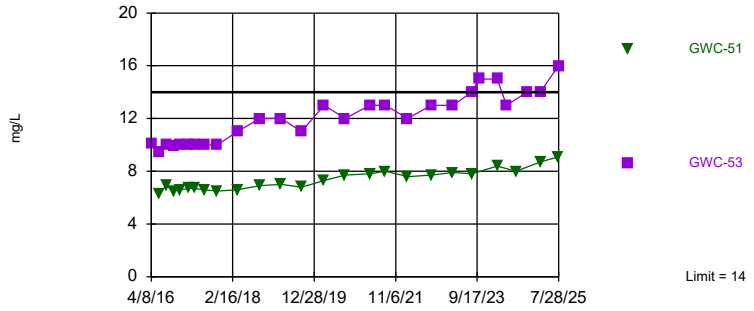
Exceeds Limit: GWC-53

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 174 background values. Annual per-constituent alpha = 0.0006539. Individual comparison alpha = 0.00006541 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Chloride Analysis Run 9/5/2025 12:14 PM View: Appendix III - Two Step
Plant Scherer Client: Southern Company Data: Scherer PAC

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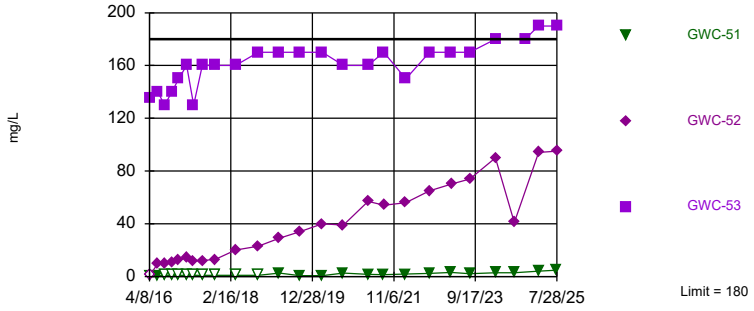
Hollow symbols indicate censored values.

Exceeds Limit: GWC-53

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 175 background values. 37.14% NDs. Annual per-constituent alpha = 0.000646. Individual comparison alpha = 0.00006462 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Sulfate Analysis Run 9/5/2025 12:14 PM View: Appendix III - Two Step
Plant Scherer Client: Southern Company Data: Scherer PAC

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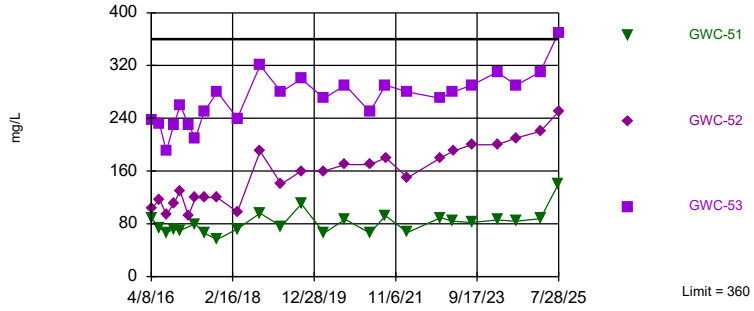
Exceeds Limit: GWC-53

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 174 background values. 0.5747% NDs. Annual per-constituent alpha = 0.0006539. Individual comparison alpha = 0.00006541 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: TDS Analysis Run 9/5/2025 12:14 PM View: Appendix III - Two Step
Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-52
4/6/2016	9.27							
4/7/2016		38.4	15.3	12.6	6.57			
4/8/2016						10.7	8.6	
4/11/2016								12.8
6/14/2016	8.2	32.9	14.2		5.5	11.3	6.8	
6/16/2016								14.3
6/17/2016				12.4				
8/9/2016		29	13		4.6	9.6	6.2	
8/10/2016	6.9			11				
8/11/2016								11
10/10/2016		33			5.3			
10/11/2016	7.6		14			11	6.2	
10/13/2016								13
10/14/2016				13				
12/2/2016	7.4	33	13		5.1			
12/5/2016						10	5.5	12
12/19/2016				11				
2/9/2017		42	14					
2/10/2017	11				5.8	11	7.8	
2/13/2017				13				13
4/7/2017		35	14	12	5.2	10	7.3	
4/10/2017	9.7							
4/11/2017								13
6/22/2017		38	14	13		11		
6/23/2017	9.2				5.7			
6/24/2017								13
6/26/2017							6.8	
10/9/2017	9.4						5.8	
10/10/2017		40	15	13	5.8	11		
10/11/2017								15 (B)
3/22/2018		39	14			11		
3/23/2018				13	6.6			
3/26/2018	9.3						8.7	15
10/3/2018	7.8	41	14	12			6.1	
10/4/2018					5.4			14
10/5/2018						11		
3/27/2019	9.5	39	15	13	6.1	11	7.1	
3/28/2019								15
9/12/2019	8.8	36	14	13	5.7	12	6.1	17
3/19/2020	11	45	15	14	6.7		9.7	19
3/20/2020						12		
9/10/2020	8.2		14				5.9	
9/11/2020		30		12	5.5	11		18
4/2/2021	9.2	29					9	
4/5/2021				13	7	13		21
4/6/2021			16					
8/12/2021	7.2	26	14	12	6.1		6	
8/13/2021						11		
8/17/2021								22
2/14/2022	8	26	13	11	5.9	11		18
2/15/2022							9.6	
8/26/2022	6.8						7.8	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-52
8/30/2022			14					
8/31/2022		23		12	5.7	12		21
2/28/2023	8.1	23		13	6.6	13	11	
3/1/2023			15					25
8/2/2023	6.4							
8/3/2023		23	15	12	6.4	13	9.6	24
2/29/2024	6.7							
3/4/2024		25	14	13	6.8	15	11	28
8/6/2024	6							
8/8/2024		20		13	6.9	17	7.8	30
8/9/2024			16					
2/25/2025	5.8						11	
2/26/2025		26	14	12	6.1	14		27
7/28/2025	5.8	19	15	13		14	7.5	31
7/30/2025					6.5			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-22 (bg)	GWC-53	GWA-47 (bg)	GWC-51
4/6/2016	3.034								
4/7/2016		8.05	2.285	1.842	2.914				
4/8/2016						2.1	10.065	1.57	
4/11/2016									2.09 (O)
6/14/2016	3.1	9.3 (D)	2.3		3.1	4.2		1.7	
6/16/2016							9.4		6.3
6/17/2016				1.9 (BD)					
8/9/2016		10	2.3		3.2	5		1.5	
8/10/2016	2.7			1.8					6.9
8/11/2016							10		
10/10/2016		10			3				
10/11/2016	2.7		2.1			3.8		1.6	
10/13/2016							9.9		6.5
10/14/2016				1.7					
12/2/2016	2.5	10	2		3				
12/5/2016						3.6		1.5	6.6
12/6/2016							10		
12/19/2016				2.7 (O)					
2/9/2017		9.4	2.1						
2/10/2017	3.4				2.7	2.2		1.5	
2/13/2017				1.8			10		6.7
4/7/2017		9.9	2	1.7	2.9	2.2		1.4	
4/10/2017	3.6								6.7
4/11/2017							10		
6/22/2017		9.7	2	1.7				1.4	
6/23/2017	3.2				3.3				6.6
6/24/2017							10		
6/26/2017						3.4			
10/9/2017	3.5					3.4			
10/10/2017		9.8	2	1.6	3.5			1.4	
10/11/2017							10		6.5
3/22/2018		9.7	1.9					1.3	
3/23/2018				1.6	3.6				
3/26/2018	3.8					1.9	11		6.6
10/3/2018	4	10	2	1.6		2.9			
10/4/2018					3.9		12		6.9
10/5/2018								1.4	
3/27/2019	2.9	9.6	1.9	1.5	3.7	2		1.2	7
3/28/2019							12		
9/12/2019	3.4	10	1.9	1.7	4.3	2.5	11	1.4	6.8
3/19/2020	3.9	9.9	2.2	1.9	4.5	2.2	13		7.3
3/20/2020								1.7 (F1)	
9/10/2020	3.7		2.1			2.5			
9/11/2020		12		1.8	4.7		12	1.6	7.7
4/2/2021	3.7	13				1.8			
4/5/2021				2	5.3			1.8	7.8
4/6/2021			2.1				13		
8/12/2021	4.1	13	2.2	1.8	5.5	2.7			
8/13/2021							13	1.8	8
2/14/2022	4	10	2	1.8	5		12	1.5	
2/15/2022						1.8			7.6
8/26/2022	3.6					2			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-22 (bg)	GWC-53	GWA-47 (bg)	GWC-51
8/30/2022			2.2						
8/31/2022		13		1.6	5.1		13	1.5	7.7
2/28/2023	3.6	13		1.8	5.2	1.8	13	1.7	7.9
3/1/2023			2.1						
8/2/2023	3.4								
8/3/2023		13	1.9	1.7	5.2	1.8	14	1.6	7.8
10/4/2023							15		
2/29/2024	3.7								
3/4/2024		14	2	1.8	5.4	1.8	15	1.8	8.4
5/20/2024							13		
8/6/2024	3.2								
8/8/2024		27 (o)		1.8	5.5	1.9	29 (o)	1.7	8
8/9/2024			2						
11/7/2024		13					14		
2/25/2025	3					1.8	14		
2/26/2025		12	2.1	2	5.8			1.8	8.7
7/25/2025									9.1
7/28/2025	2.8	13	2	1.6		1.7	16	2	
7/30/2025					5.3				

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-48 (bg)	GWA-49 (bg)	GWC-53	GWA-22 (bg)	GWA-47 (bg)	GWC-51
4/6/2016	0.813 (J)								
4/7/2016		107.095	0.594 (J)	1.522	0.507 (J)				
4/8/2016						135.355	<1	0.334 (J)	
4/11/2016									0.415 (J)
6/14/2016	1.1	160 (D)	0.43 (J)		0.55 (J)		0.14 (J)	0.35 (J)	
6/16/2016						140			0.5 (J)
6/17/2016				1.1 (D)					
8/9/2016		130	<1		<1		<1	<1	
8/10/2016	0.9 (J)			1.1					<1
8/11/2016						130			
10/10/2016		140	<1						
10/11/2016	0.99 (J)				<1		<1	<1	
10/13/2016						140			<1
10/14/2016				0.89 (J)					
12/2/2016	0.99 (J)	150	<1		<1				
12/5/2016							<1	<1	<1
12/6/2016						150			
12/19/2016				1.2					
2/9/2017		150			<1				
2/10/2017	1.4		<1				<1	<1	
2/13/2017				1.4		160			<1
4/7/2017		140	<1	1.2	<1		<1	<1	
4/10/2017	1.6								<1
4/11/2017						130			
6/22/2017		160		1.1	<1			<1	
6/23/2017	1.8		<1						<1
6/24/2017						160			
6/26/2017							<1		
10/9/2017	2.5						<1		
10/10/2017		160	<1	0.92 (J)	<1			<1	
10/11/2017						160			<1
3/22/2018		150			<1			<1	
3/23/2018			<1	1.3					
3/26/2018	2.3					160	<1		<1
10/3/2018	1.9	140		1.2	<1		<1		
10/4/2018			<1			170			<1
10/5/2018								<1	
3/27/2019	0.81 (J)	140	0.52 (J)	1.6	0.56 (J)		<1	<1	2.7
3/28/2019						170			
9/12/2019	1.3	170	0.61 (J)	1.2	0.77 (J)	170	0.38 (J)	0.4 (J)	0.65 (J)
3/19/2020	0.92 (J)	150	0.39 (J)	1.5	0.56 (J)	170	<1		0.71 (J)
3/20/2020								0.58 (J)	
9/10/2020	1.3				0.42 (J)		<1		
9/11/2020		170	0.99 (J)	1.3		160		0.39 (J)	2.6
4/2/2021	0.99 (J)	180					<1		
4/5/2021			<1	1.3				<1	1.7
4/6/2021					<1	160			
8/12/2021	1.8	180	1	1	<1		<1		
8/13/2021						170		<1	1.4
8/17/2021									
2/14/2022	1	130	<1	1.2	0.85 (J)	150		<1	
2/15/2022							0.87 (J)		1.8

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-48 (bg)	GWA-49 (bg)	GWC-53	GWA-22 (bg)	GWA-47 (bg)	GWC-51
8/26/2022	2.7						<1		
8/30/2022					0.76 (J)				
8/31/2022		170	1.1	1.6		170		1.1	2.4
2/28/2023	2.7	170	1.7	2.5		170	1.7	1.6	3.2
3/1/2023					1.2				
8/2/2023	1.4								
8/3/2023		170	0.49 (J)	0.94 (J)	0.46 (J)	170	<1	<1	2.2
2/29/2024	2.8								
3/4/2024		160	0.64 (J)	1.4	0.66 (J)	180	<1	0.46 (J)	2.9
8/6/2024	1.7								
8/8/2024		300 (o)	<1	0.66 (J)		340 (o)	<1	<1	2.8
8/9/2024					<1				
11/7/2024		160				180			
2/25/2025	2					190	<1		
2/26/2025		150	<1	<1	0.47 (J)			<1	4.1
7/25/2025									4.8
7/28/2025	1.7	140		1	<1	190	<1	0.78 (J)	
7/30/2025			<1						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	<1
6/14/2016	
6/16/2016	10
6/17/2016	
8/9/2016	
8/10/2016	
8/11/2016	9.8 (F1)
10/10/2016	
10/11/2016	
10/13/2016	11
10/14/2016	
12/2/2016	
12/5/2016	13
12/6/2016	
12/19/2016	
2/9/2017	
2/10/2017	
2/13/2017	14
4/7/2017	
4/10/2017	
4/11/2017	12
6/22/2017	
6/23/2017	
6/24/2017	12
6/26/2017	
10/9/2017	
10/10/2017	
10/11/2017	13
3/22/2018	
3/23/2018	
3/26/2018	20
10/3/2018	
10/4/2018	23
10/5/2018	
3/27/2019	
3/28/2019	29
9/12/2019	34
3/19/2020	40
3/20/2020	
9/10/2020	
9/11/2020	39
4/2/2021	
4/5/2021	57 (F1)
4/6/2021	
8/12/2021	
8/13/2021	
8/17/2021	54
2/14/2022	56
2/15/2022	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52
8/26/2022	
8/30/2022	
8/31/2022	65
2/28/2023	
3/1/2023	70
8/2/2023	
8/3/2023	74
2/29/2024	
3/4/2024	90
8/6/2024	
8/8/2024	41
8/9/2024	
11/7/2024	
2/25/2025	
2/26/2025	94
7/25/2025	
7/28/2025	95
7/30/2025	

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-46 (bg)	GWC-53	GWA-47 (bg)	GWA-22 (bg)	GWC-52
4/6/2016	51								
4/7/2016		100	237	114	69				
4/8/2016						237	89	74	
4/11/2016									103
6/14/2016	62		240	56 (O)	<25		55	111	
6/16/2016						231			117
6/17/2016		69							
8/9/2016			230	100	40		90	44	
8/10/2016	70	110							
8/11/2016						190			94
10/10/2016			240		34				
10/11/2016	84			110			86	64	
10/13/2016						230			110
10/14/2016		100							
12/2/2016	74		270	94	50				
12/5/2016							74	52	130
12/6/2016						260			
12/19/2016		100							
2/9/2017			240	100					
2/10/2017	100				60		100	86	
2/13/2017		80				230			92
4/7/2017		86	260	100	70		92	68	
4/10/2017	82								
4/11/2017						210			120
6/22/2017		72	300	110			64		
6/23/2017	72				42				
6/24/2017						250			120
6/26/2017								76	
10/9/2017	82							50	
10/10/2017		70	280	100	34		68		
10/11/2017						280			120
3/22/2018			310	100			92		
3/23/2018		86			52				
3/26/2018	94					240		56	98
10/3/2018	72	88	190	96				42	
10/4/2018					48	320			190
10/5/2018							90		
3/27/2019	98	100	290	120	66		94	76	
3/28/2019						280			140
9/12/2019	130	110	340	120	97	300	88	72	160
3/19/2020	100	97	310	110	51	270		65	160
3/20/2020							99		
9/10/2020	110			130				56	
9/11/2020		120	340		51	290	110		170
4/2/2021	100		360					69	
4/5/2021		99			46		63		170
4/6/2021				110		250			
8/12/2021	98	100	330	120	55			68	
8/13/2021						290	110		
8/17/2021									180
2/14/2022	100	100	290	110	68	280	94		150
2/15/2022								85	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-46 (bg)	GWC-53	GWA-47 (bg)	GWA-22 (bg)	GWC-52
8/26/2022	110							83	
11/16/2022		100	300	110	55	270	94		180
2/28/2023	98	110	320		64	280	120	99	
3/1/2023				120					190
8/2/2023	98								
8/3/2023		100	310	130	63	290	100	77	200
2/29/2024	92								
3/4/2024		100	310	110	66	310	99	96	200
8/6/2024	87								
8/8/2024		94	290		67	290	100	73	210
8/9/2024				110					
2/25/2025	90					310		98	
2/26/2025		100	280	110	68		100		220
7/25/2025									
7/28/2025	99	110	330	120		370	110	74	250
7/30/2025					49				

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	88
6/14/2016	
6/16/2016	74
6/17/2016	
8/9/2016	
8/10/2016	66
8/11/2016	
10/10/2016	
10/11/2016	
10/13/2016	72
10/14/2016	
12/2/2016	
12/5/2016	70
12/6/2016	
12/19/2016	
2/9/2017	
2/10/2017	
2/13/2017	12 (O)
4/7/2017	
4/10/2017	80
4/11/2017	
6/22/2017	
6/23/2017	66
6/24/2017	
6/26/2017	
10/9/2017	
10/10/2017	
10/11/2017	56
3/22/2018	
3/23/2018	
3/26/2018	72
10/3/2018	
10/4/2018	96
10/5/2018	
3/27/2019	76
3/28/2019	
9/12/2019	110
3/19/2020	66
3/20/2020	
9/10/2020	
9/11/2020	87
4/2/2021	
4/5/2021	66
4/6/2021	
8/12/2021	
8/13/2021	92
8/17/2021	
2/14/2022	
2/15/2022	67

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 9/5/2025 12:16 PM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51
8/26/2022	
11/16/2022	89
2/28/2023	84
3/1/2023	
8/2/2023	
8/3/2023	82
2/29/2024	
3/4/2024	86
8/6/2024	
8/8/2024	84
8/9/2024	
2/25/2025	
2/26/2025	88
7/25/2025	140
7/28/2025	
7/30/2025	

FIGURE I.

Appendix III - Trend Test Summary - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 12:38 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.317**	**-132**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-45 (bg)**	**-1.753**	**-141**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1361**	**131**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3718**	**183**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-52**	**1.86**	**249**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-22 (bg)**	**-0.1965**	**-180**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4399**	**173**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3253**	**240**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-51**	**0.2288**	**213**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-53**	**0.5485**	**266**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-51**	**0.2715**	**190**	**111**	**Yes**	**25**	**36**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.649**	**266**	**111**	**Yes**	**25**	**4**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.537**	**200**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWA-45 (bg)**	**9.281**	**132**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWA-47 (bg)**	**2.427**	**147**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-52**	**13**	**230**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-53**	**9.154**	**172**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III - Trend Test Summary - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 9/5/2025, 12:38 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.317**	**-132**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-22 (bg)	0.2842	96	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-45 (bg)**	**-1.753**	**-141**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1361**	**131**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3718**	**183**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-48 (bg)	0	20	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	49	111	No	25	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-52**	**1.86**	**249**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-21 (bg)	0.05089	56	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-22 (bg)**	**-0.1965**	**-180**	**-111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4399**	**173**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3253**	**240**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-47 (bg)	0.02685	95	111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	-2	-105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	0	-57	-111	No	25	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWC-51**	**0.2288**	**213**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-53**	**0.5485**	**266**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-21 (bg)	0.0906	110	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	26	111	No	25	84	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	1.89	78	111	No	25	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	33	111	No	25	56	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	34	111	No	25	64	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0	-11	-111	No	25	4	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-25	-111	No	25	52	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWC-51**	**0.2715**	**190**	**111**	**Yes**	**25**	**36**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.649**	**266**	**111**	**Yes**	**25**	**4**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.537**	**200**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWA-21 (bg)	2.978	109	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-22 (bg)	2.497	82	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	**GWA-45 (bg)**	**9.281**	**132**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWA-46 (bg)	2.337	93	111	No	25	4	n/a	n/a	0.01	NP
TDS (mg/L)	**GWA-47 (bg)**	**2.427**	**147**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	GWA-48 (bg)	1.16	80	111	No	25	0	n/a	n/a	0.01	NP
TDS (mg/L)	GWA-49 (bg)	1.428	87	105	No	24	0	n/a	n/a	0.01	NP
TDS (mg/L)	GWC-51	1.97	77	105	No	24	0	n/a	n/a	0.01	NP
TDS (mg/L)	**GWC-52**	**13**	**230**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**GWC-53**	**9.154**	**172**	**111**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.01**	**NP**

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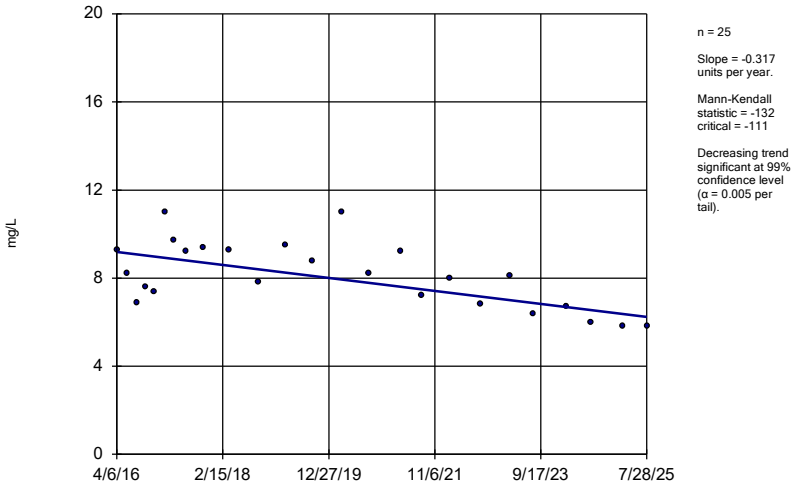
Sen's Slope Estimator

GWA-21 (bg)



n = 25

Slope = -0.317 units per year.

Mann-Kendall statistic = -132 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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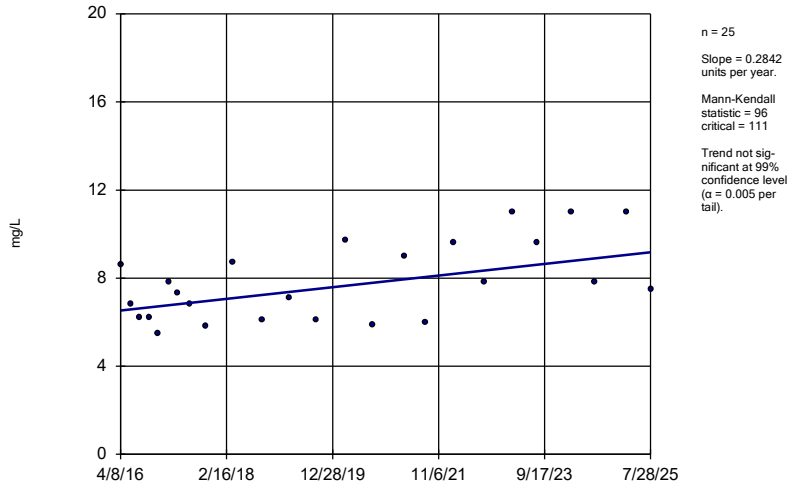
Sen's Slope Estimator

GWA-22 (bg)



n = 25

Slope = 0.2842 units per year.

Mann-Kendall statistic = 96 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
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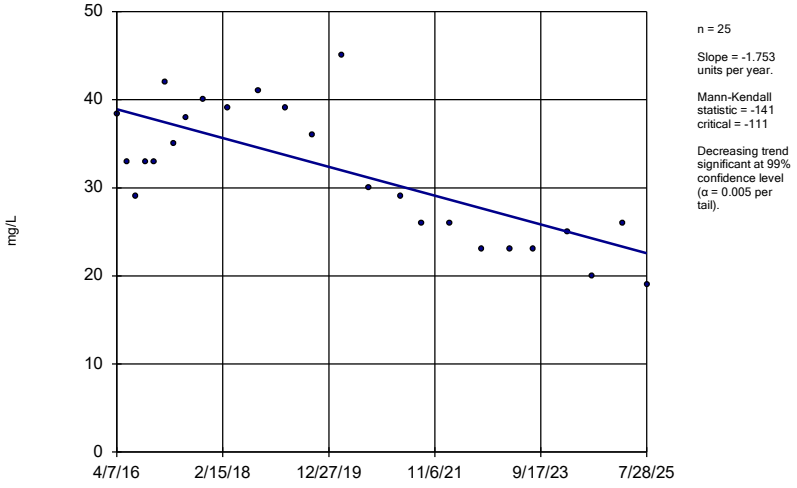
Sen's Slope Estimator

GWA-45 (bg)



n = 25

Slope = -1.753 units per year.

Mann-Kendall statistic = -141 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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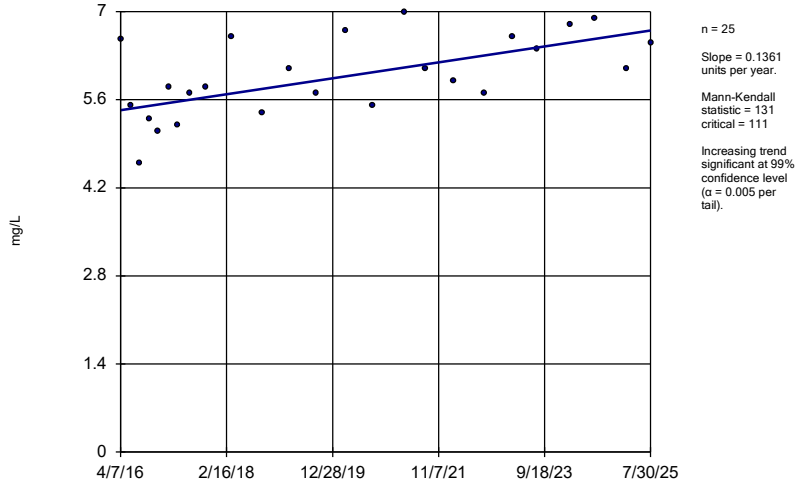
Sen's Slope Estimator

GWA-46 (bg)



n = 25

Slope = 0.1361 units per year.

Mann-Kendall statistic = 131 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
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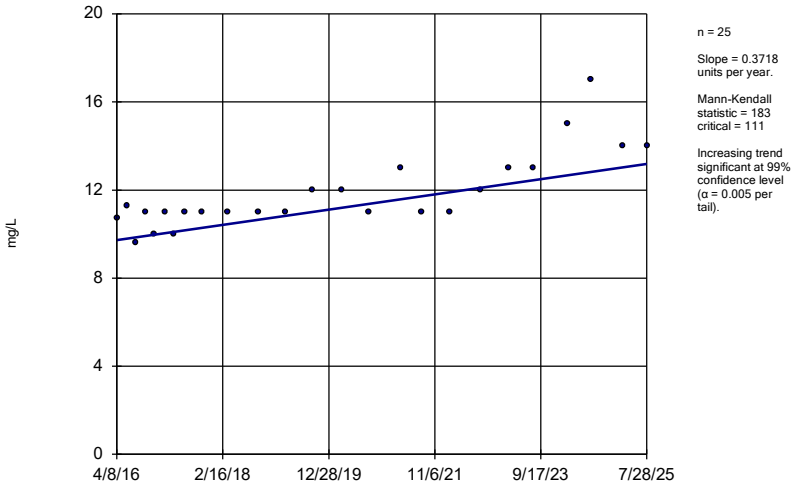
Sen's Slope Estimator

GWA-47 (bg)



n = 25

Slope = 0.3718 units per year.

Mann-Kendall statistic = 183 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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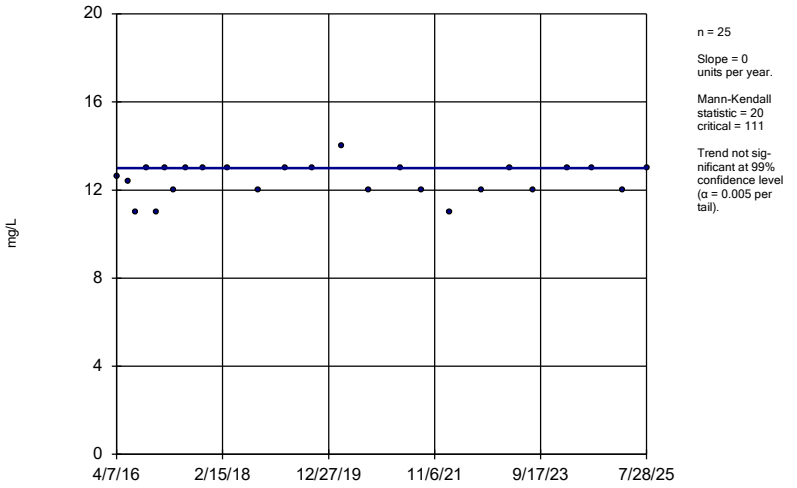
Sen's Slope Estimator

GWA-48 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 20 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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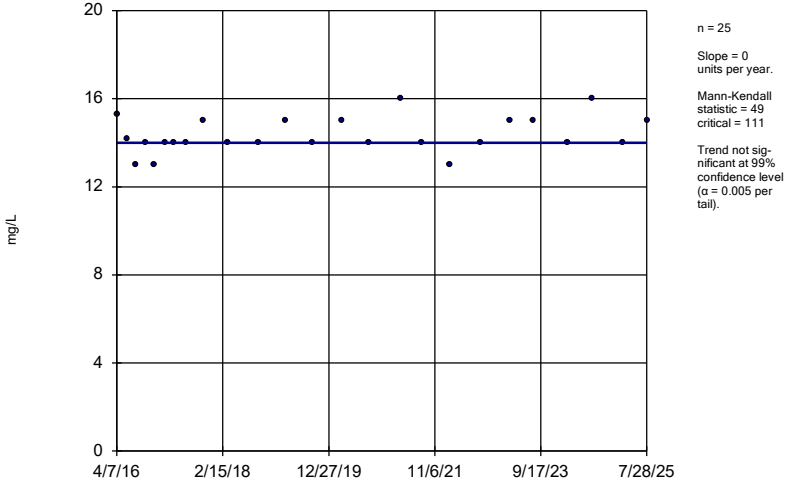
Sen's Slope Estimator

GWA-49 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 49 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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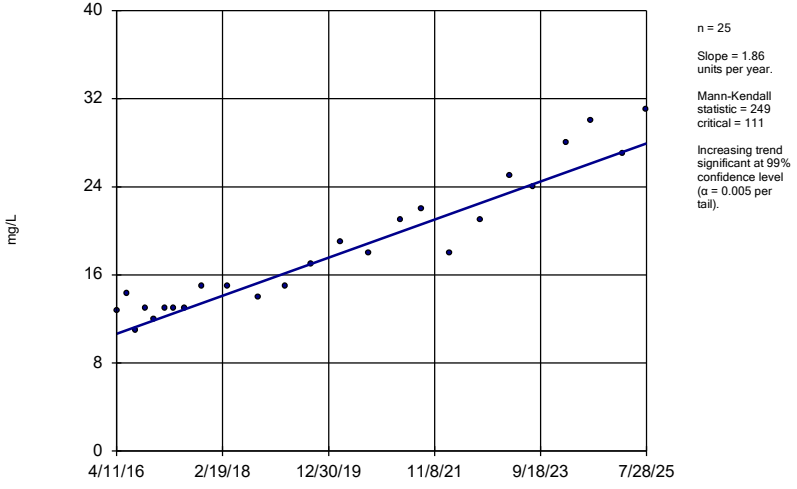
Sen's Slope Estimator

GWC-52



n = 25

Slope = 1.86 units per year.

Mann-Kendall statistic = 249 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

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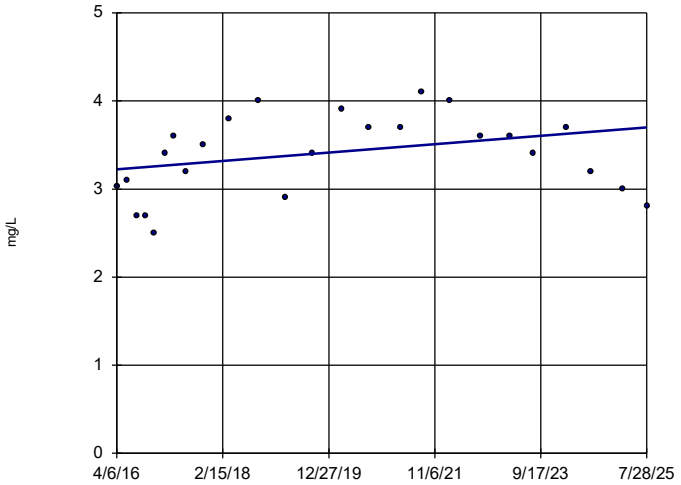
Sen's Slope Estimator

GWA-21 (bg)



n = 25

Slope = 0.05089 units per year.

Mann-Kendall statistic = 56 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

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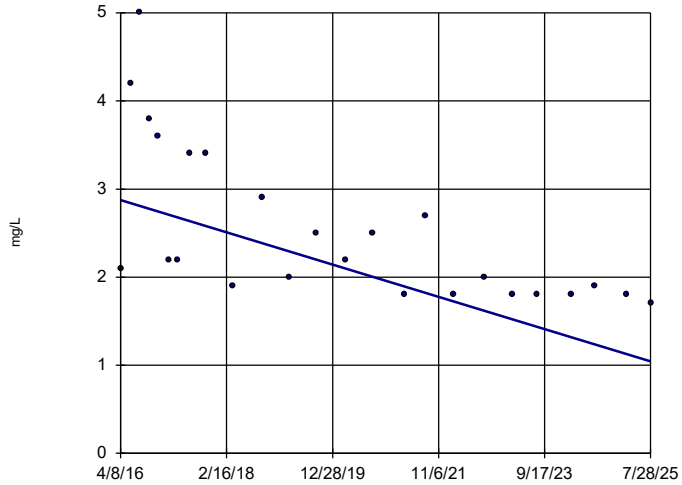
Sen's Slope Estimator

GWA-22 (bg)



n = 25

Slope = -0.1965 units per year.

Mann-Kendall statistic = -180 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

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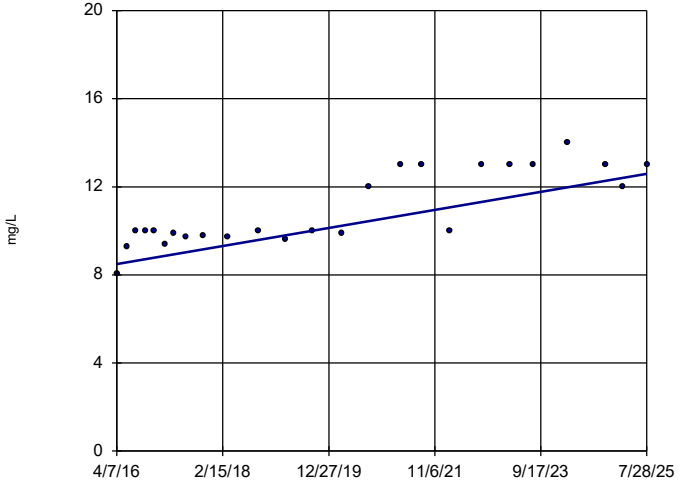
Sen's Slope Estimator

GWA-45 (bg)



n = 25

Slope = 0.4399 units per year.

Mann-Kendall statistic = 173 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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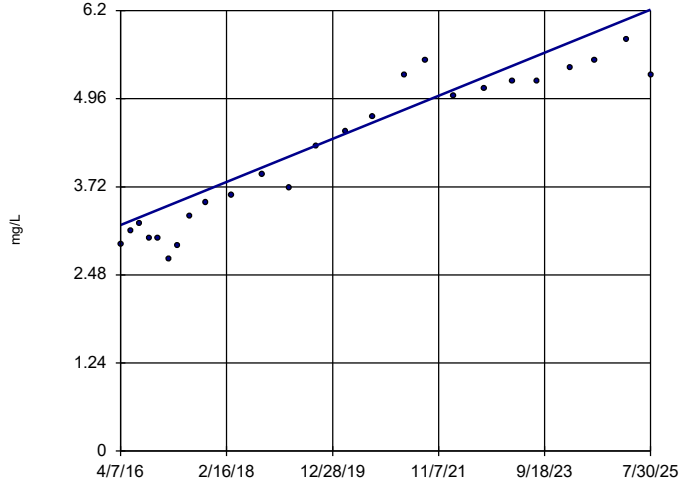
Sen's Slope Estimator

GWA-46 (bg)



n = 25

Slope = 0.3253 units per year.

Mann-Kendall statistic = 240 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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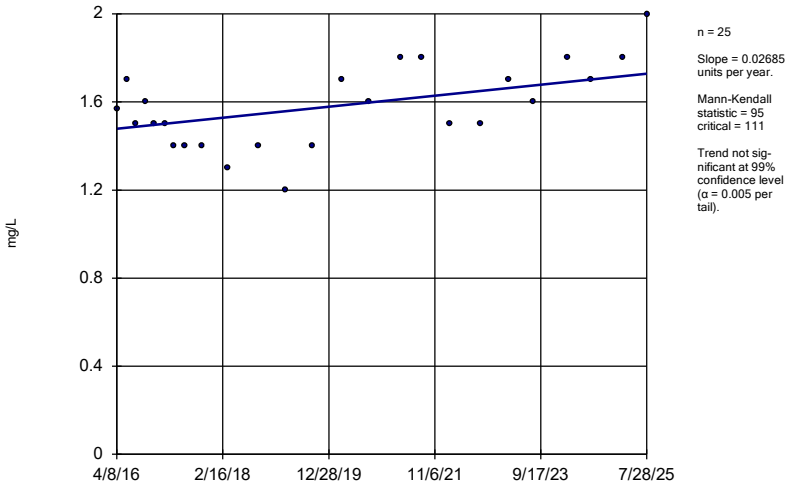
Sen's Slope Estimator

GWA-47 (bg)



n = 25

Slope = 0.02685 units per year.

Mann-Kendall statistic = 95
critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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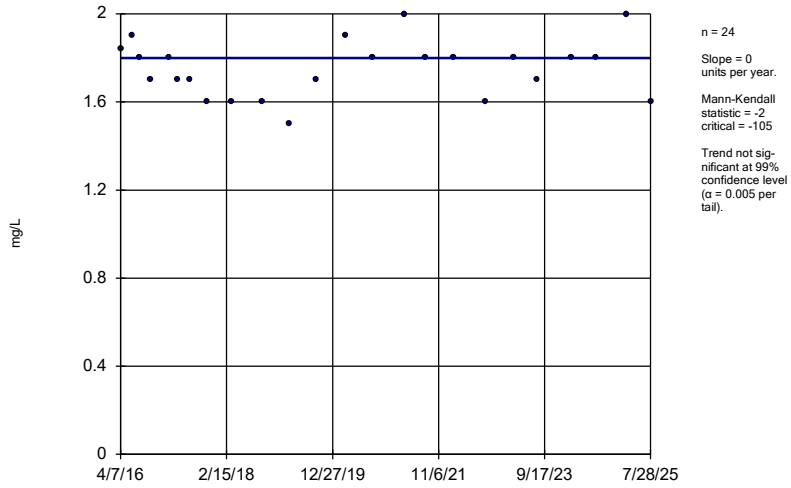
Sen's Slope Estimator

GWA-48 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -2
critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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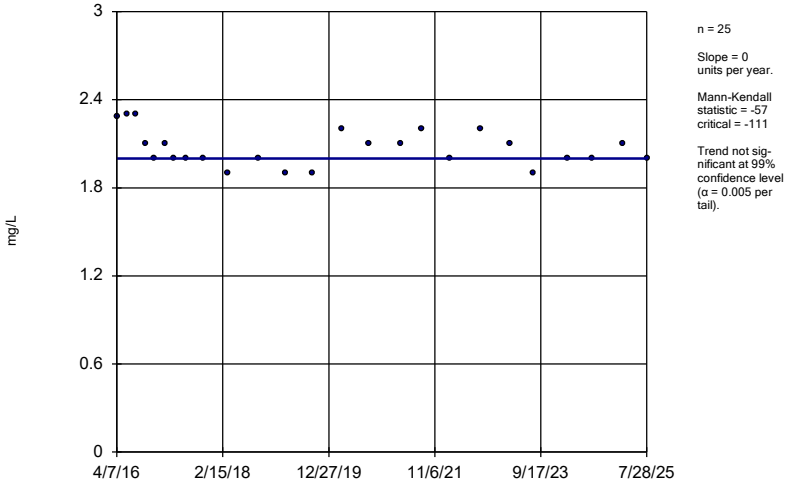
Sen's Slope Estimator

GWA-49 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -57
critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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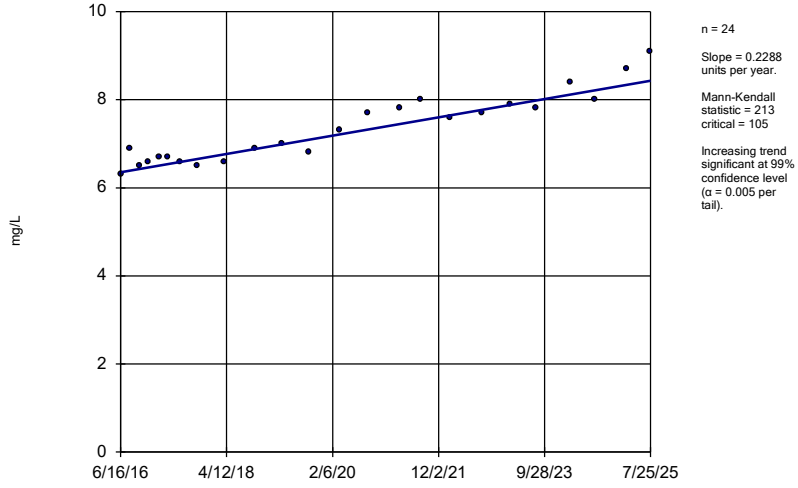
Sen's Slope Estimator

GWC-51



n = 24

Slope = 0.2288 units per year.

Mann-Kendall statistic = 213
critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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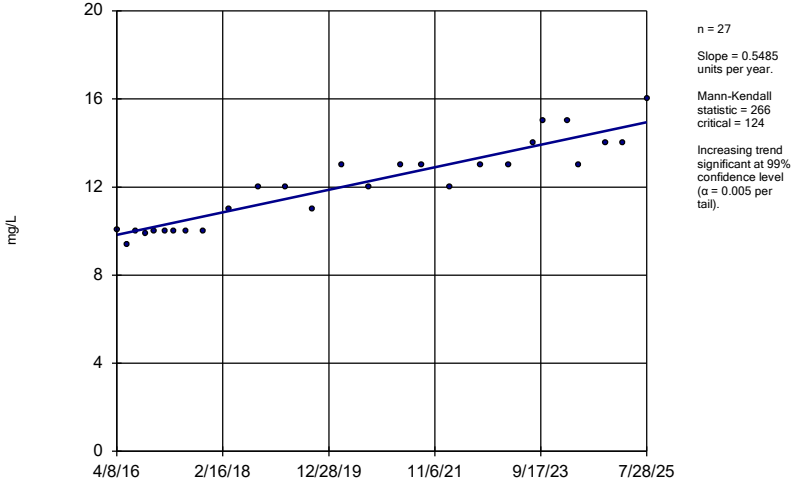
Sen's Slope Estimator

GWC-53



n = 27

Slope = 0.5485 units per year.

Mann-Kendall statistic = 266
critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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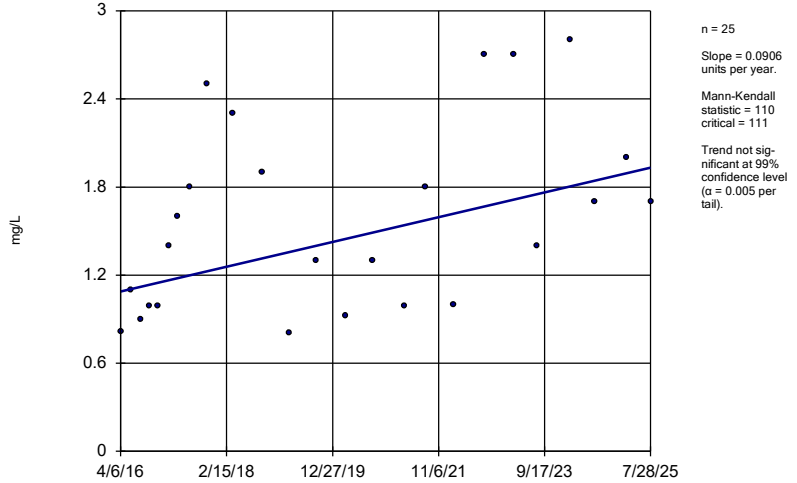
Sen's Slope Estimator

GWA-21 (bg)



n = 25

Slope = 0.0906 units per year.

Mann-Kendall statistic = 110
critical = 111

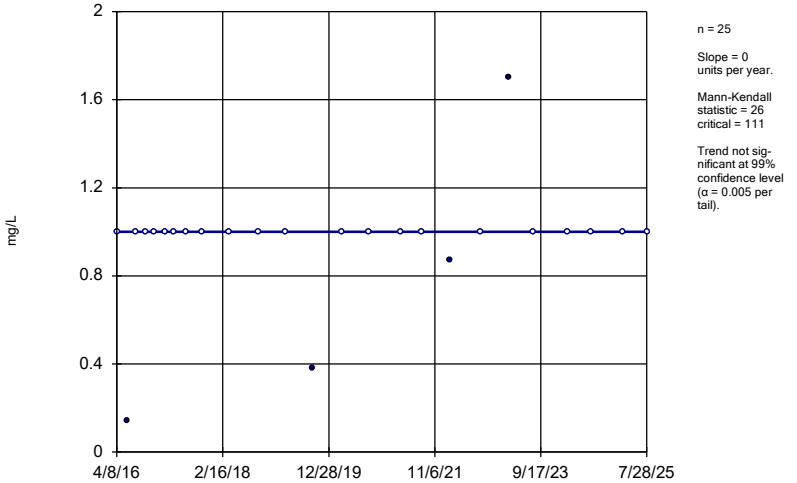
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-22 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 26
critical = 111

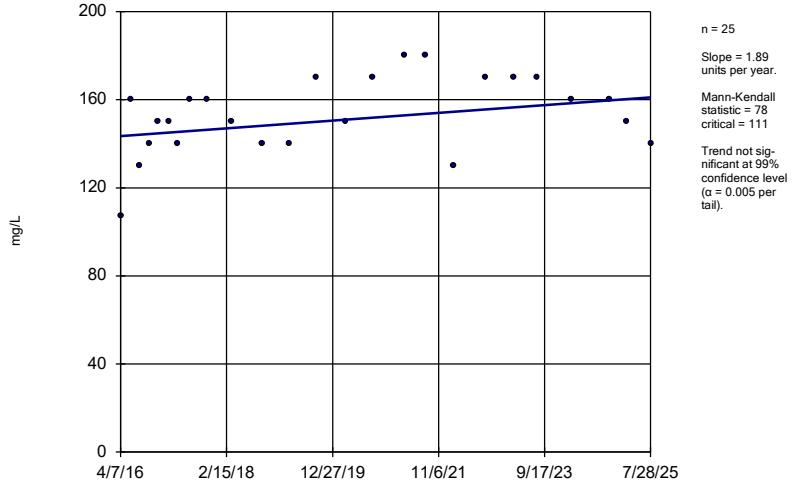
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-45 (bg)



n = 25

Slope = 1.89 units per year.

Mann-Kendall statistic = 78
critical = 111

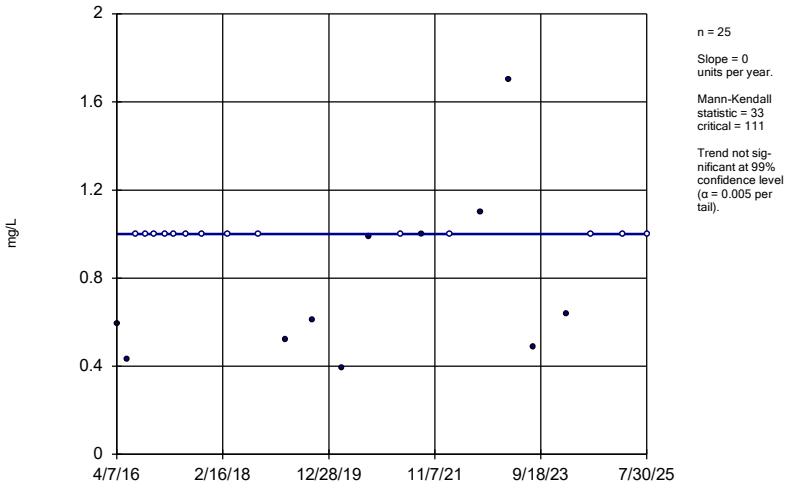
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-46 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 33
critical = 111

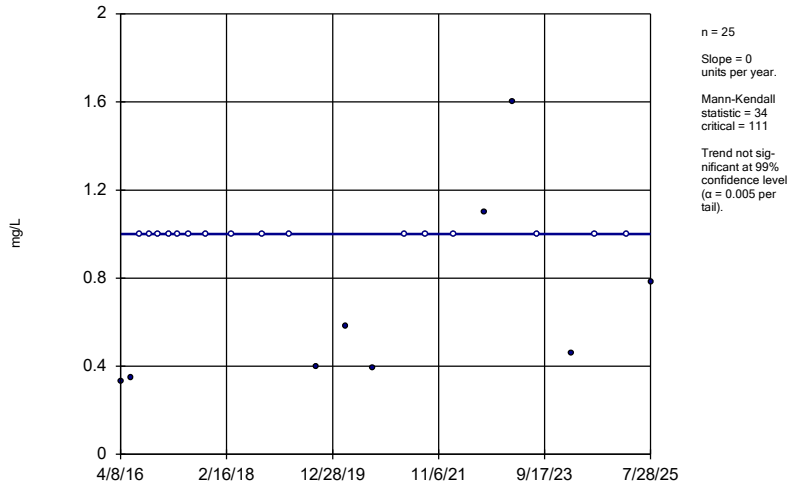
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-47 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 34
critical = 111

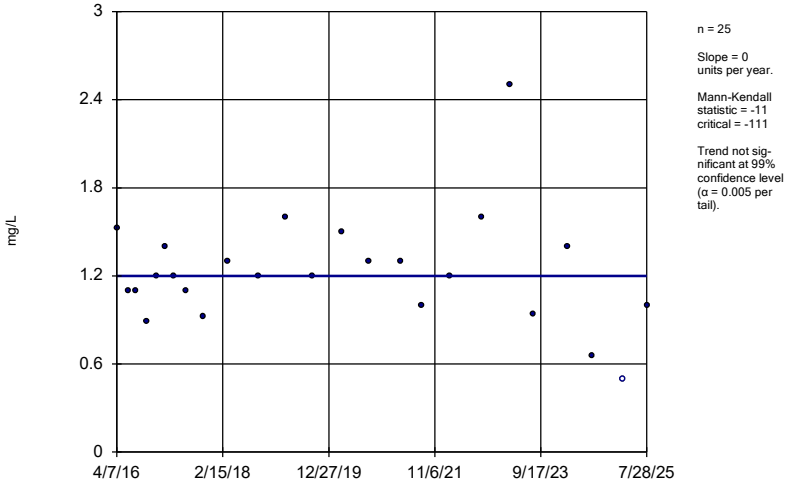
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-48 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -11
critical = -111

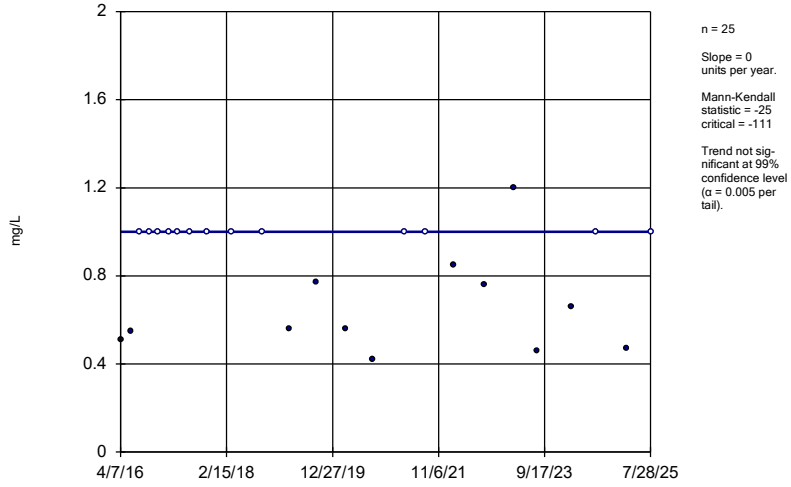
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-49 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -111

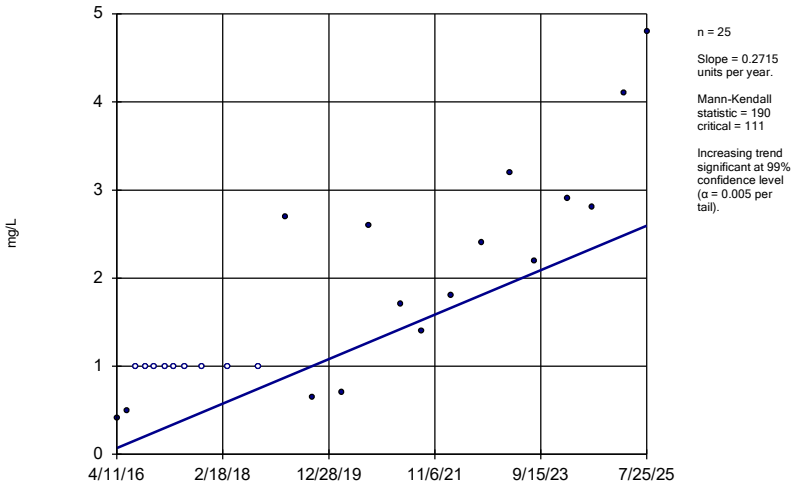
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-51



n = 25

Slope = 0.2715 units per year.

Mann-Kendall statistic = 190
critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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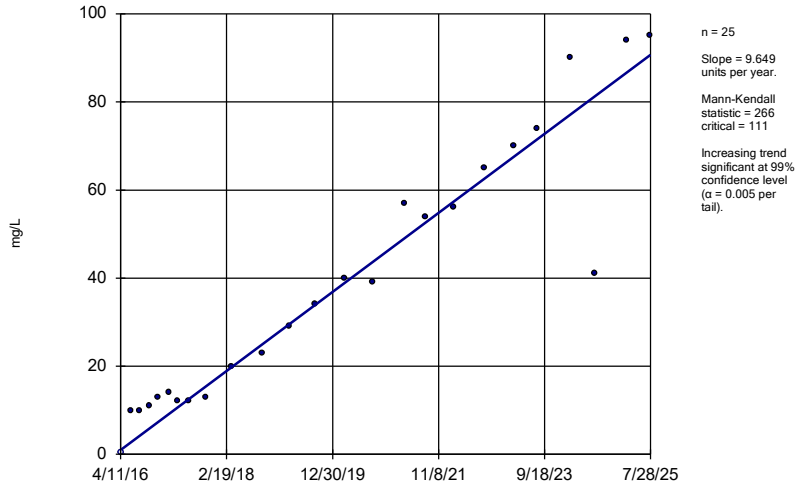
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-52



n = 25

Slope = 9.649 units per year.

Mann-Kendall statistic = 266
critical = 111

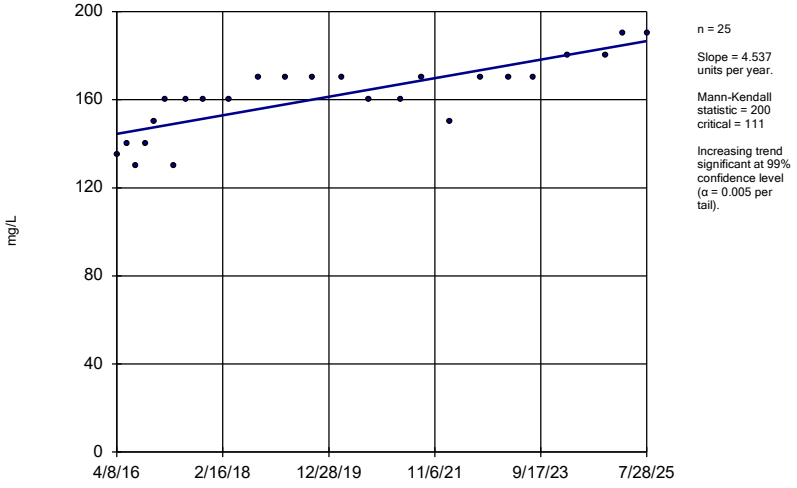
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-53



n = 25

Slope = 4.537 units per year.

Mann-Kendall statistic = 200
critical = 111

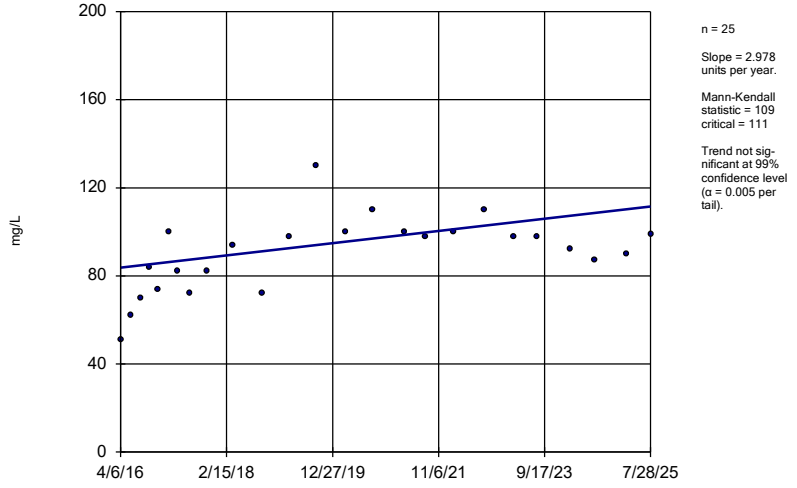
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-21 (bg)



n = 25

Slope = 2.978 units per year.

Mann-Kendall statistic = 109
critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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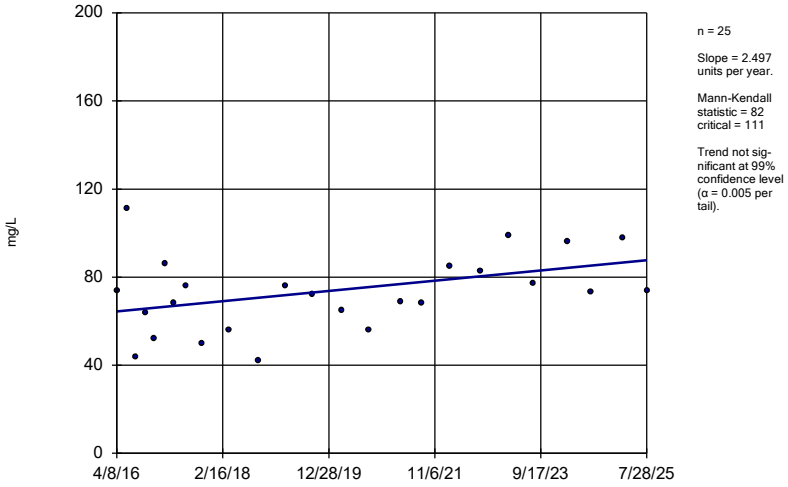
Sen's Slope Estimator

GWA-22 (bg)



n = 25

Slope = 2.497 units per year.

Mann-Kendall statistic = 82 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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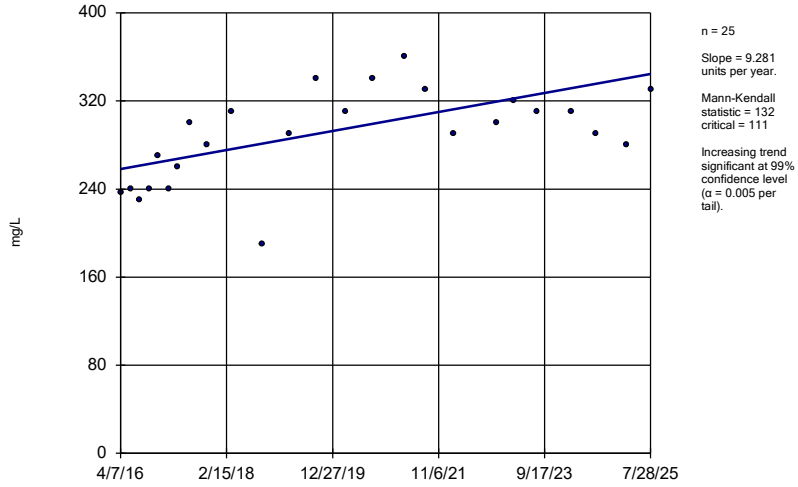
Sen's Slope Estimator

GWA-45 (bg)



n = 25

Slope = 9.281 units per year.

Mann-Kendall statistic = 132 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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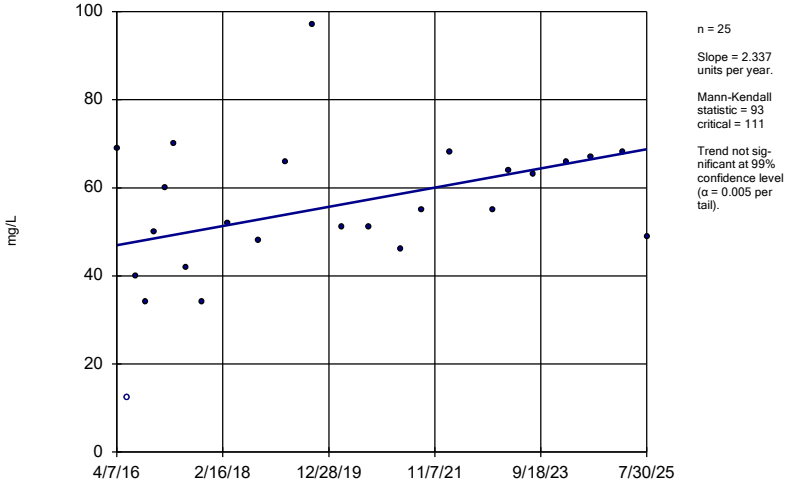
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-46 (bg)



n = 25

Slope = 2.337 units per year.

Mann-Kendall statistic = 93 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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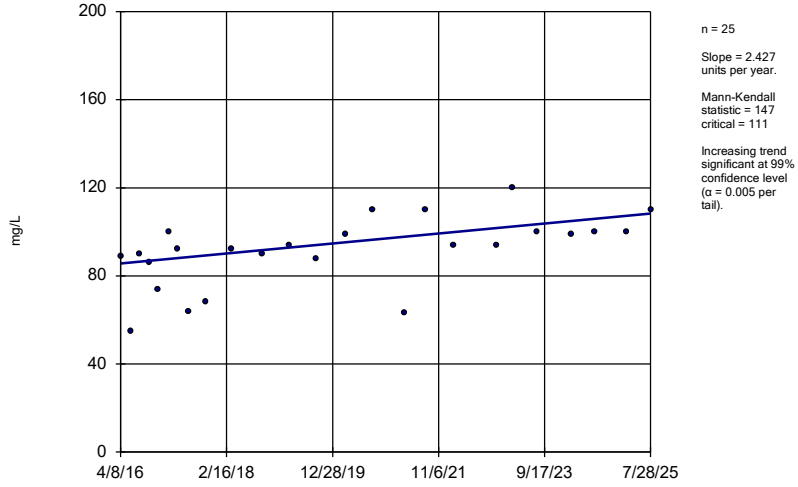
Sen's Slope Estimator

GWA-47 (bg)



n = 25

Slope = 2.427 units per year.

Mann-Kendall statistic = 147 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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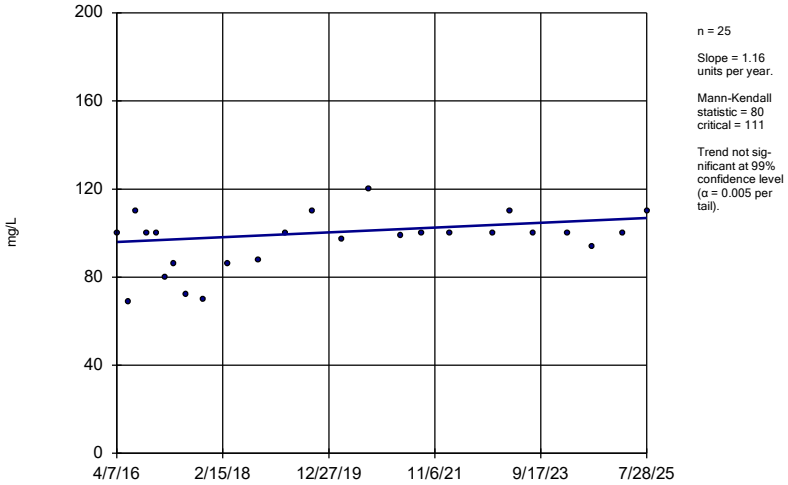
Sen's Slope Estimator

GWA-48 (bg)



n = 25

Slope = 1.16 units per year.

Mann-Kendall statistic = 80 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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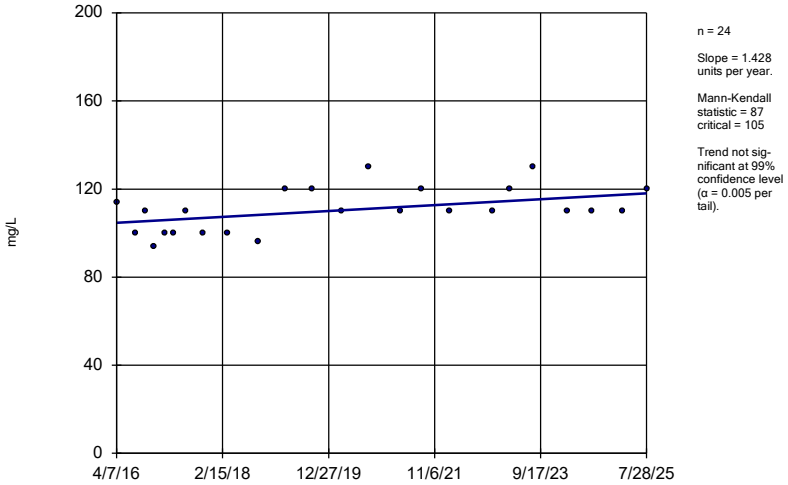
Sen's Slope Estimator

GWA-49 (bg)



n = 24

Slope = 1.428 units per year.

Mann-Kendall statistic = 87 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

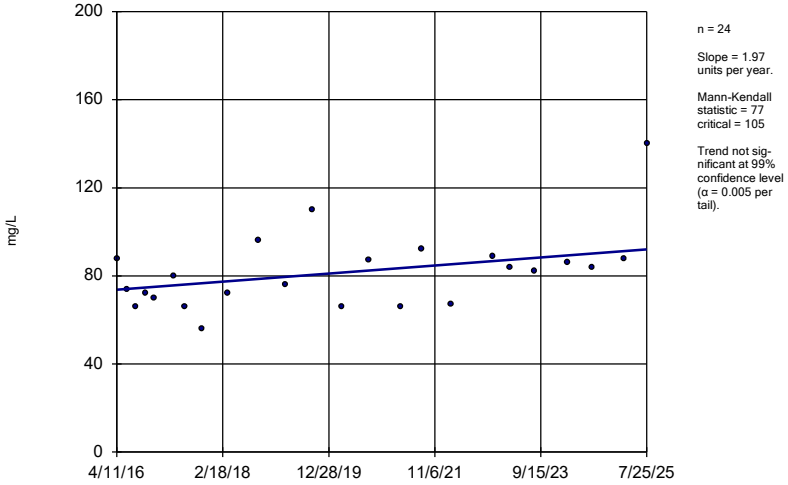
Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-51



n = 24

Slope = 1.97 units per year.

Mann-Kendall statistic = 77 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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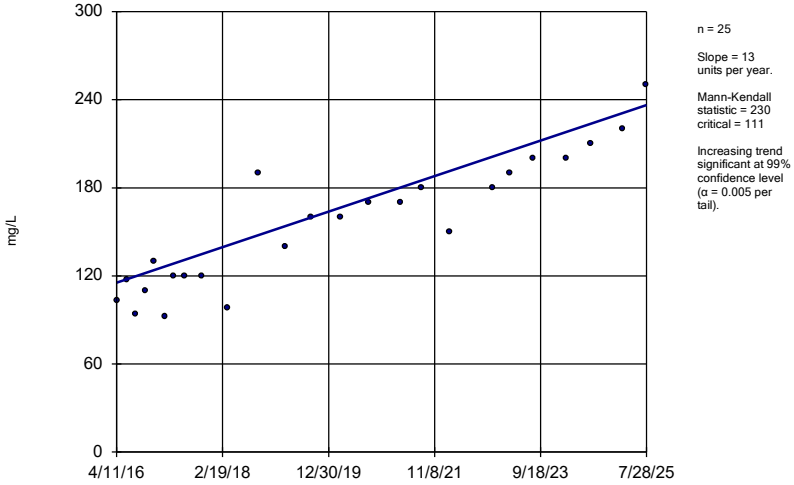
Sen's Slope Estimator

GWC-52



n = 25

Slope = 13 units per year.

Mann-Kendall statistic = 230 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

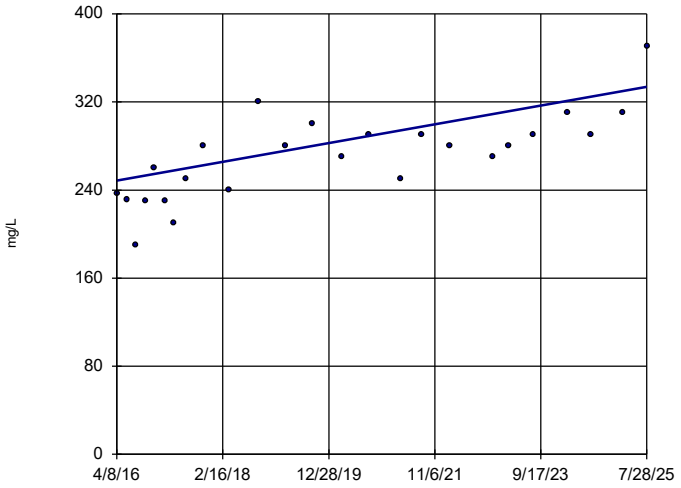
Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-53



n = 25

Slope = 9.154 units per year.

Mann-Kendall statistic = 172
critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 9/5/2025 12:22 PM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

FIGURE J.

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 12/10/2025, 8:48 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWC-53**	**15.26**	**n/a**	**10/21/2025**	**16**	**Yes**	**25**	**11.81**	**1.733**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 12/10/2025, 8:33 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWC-53**	**15.26**	**n/a**	**10/21/2025**	**16**	**Yes**	**25**	**11.81**	**1.733**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-53	6.14	5.37	10/21/2025	5.44	No	41	n/a	n/a	0	n/a	n/a	0.002236	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-53	189.3	n/a	10/21/2025	180	No	23	158.9	15.05	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-53	330.7	n/a	10/21/2025	310	No	23	264.3	32.93	0	None	No	0.001504	Param Intra 1 of 2

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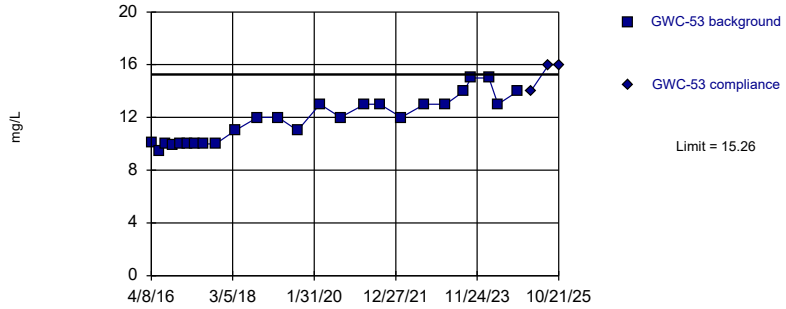
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.81, Std. Dev.=1.733, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8981, critical = 0.888. Kappa = 1.99 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

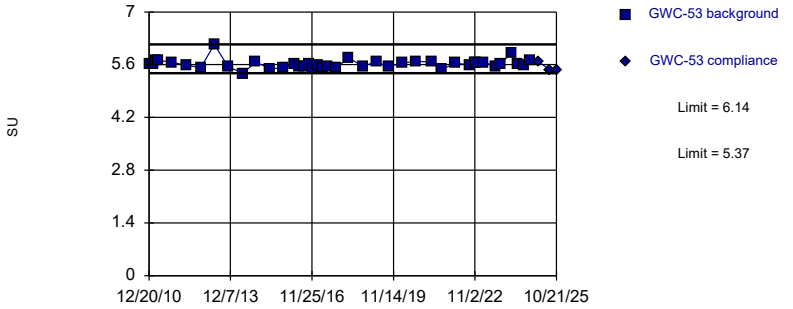
Constituent: Chloride Analysis Run 12/10/2025 8:33 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 41 background values. Well-constituent pair annual alpha = 0.00447. Individual comparison alpha = 0.002236 (1 of 2).

Constituent: pH, Field Analysis Run 12/10/2025 8:33 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC

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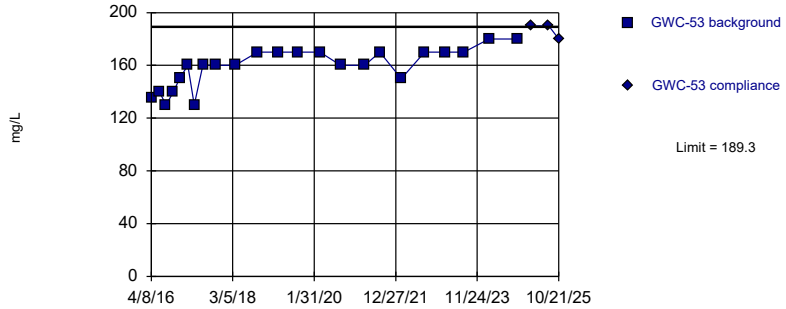
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=158.9, Std. Dev.=15.05, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8866, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

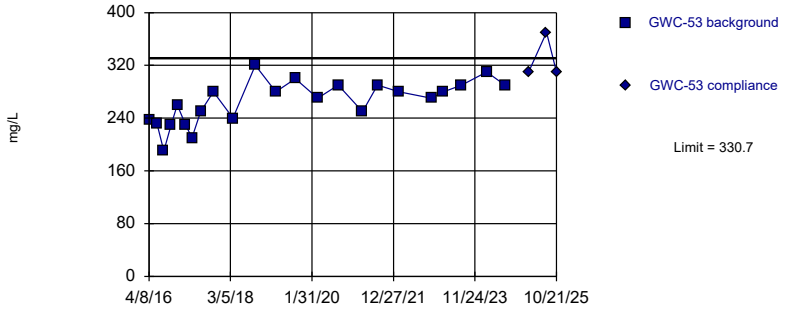
Constituent: Sulfate Analysis Run 12/10/2025 8:33 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=264.3, Std. Dev.=32.93, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 12/10/2025 8:33 PM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/10/2025 8:33 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023	13	
8/3/2023	14	
10/4/2023	15	
3/4/2024	15	
5/20/2024	13	
8/8/2024	29 (o)	
11/7/2024	14	
2/25/2025		14
7/28/2025		16
10/21/2025		16 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 12/10/2025 8:33 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	5.63	
2/14/2011	5.61	
3/21/2011	5.71	
4/27/2011	5.71	
10/26/2011	5.66	
5/1/2012	5.58	
11/9/2012	5.53	
5/8/2013	6.14	
11/4/2013	5.54	
5/24/2014	5.37	
11/7/2014	5.67 (D)	
5/20/2015	5.49	
11/13/2015	5.52 (D)	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022	5.64	
11/16/2022	5.65	
2/28/2023	5.66	
8/3/2023	5.56	
10/4/2023	5.63	
3/4/2024	5.9	
5/20/2024	5.61	
8/8/2024	5.58	
11/7/2024	5.73	
2/25/2025		5.68
7/28/2025		5.46
10/21/2025		5.44 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 12/10/2025 8:33 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021	160	
8/13/2021	170	
2/14/2022	150	
8/31/2022	170	
2/28/2023	170	
8/3/2023	170	
3/4/2024	180	
8/8/2024	340 (o)	
11/7/2024	180	
2/25/2025		190
7/28/2025		190
10/21/2025		180 (R)

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 12/10/2025 8:33 PM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021	250	
8/13/2021	290	
2/14/2022	280	
11/16/2022	270	
2/28/2023	280	
8/3/2023	290	
3/4/2024	310	
8/8/2024	290	
2/25/2025		310
7/28/2025		370
10/21/2025		310 (R)

FIGURE K.

Appendix III Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 12/10/2025, 8:35 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	**GWC-53**	**14**	**n/a**	**10/21/2025**	**16**	**Yes**	**174**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00006541**	**NP Inter (normality) 1 of 2**

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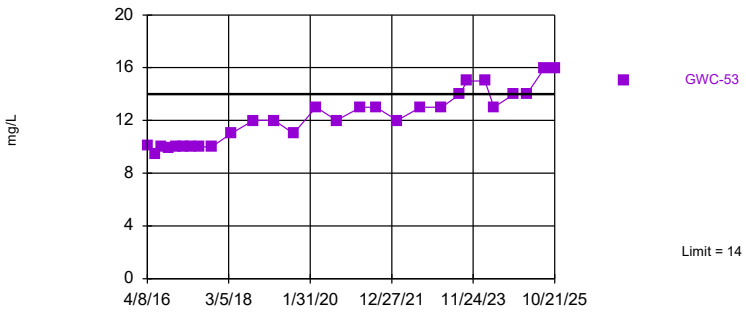
Exceeds Limit: GWC-53

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 174 background values. Annual per-constituent alpha = 0.0006539. Individual comparison alpha = 0.00006541 (1 of 2). Assumes 4 future values.

Constituent: Chloride Analysis Run 12/10/2025 8:34 PM View: Appendix III - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/10/2025 8:35 PM View: Appendix III - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-53	GWA-22 (bg)	GWA-47 (bg)
4/6/2016	3.034							
4/7/2016		2.285	1.842	2.914	8.05			
4/8/2016						10.065	2.1	1.57
6/14/2016	3.1	2.3		3.1	9.3 (D)		4.2	1.7
6/16/2016						9.4		
6/17/2016			1.9 (BD)					
8/9/2016		2.3		3.2	10		5	1.5
8/10/2016	2.7		1.8					
8/11/2016						10		
10/10/2016				3	10			
10/11/2016	2.7	2.1					3.8	1.6
10/13/2016						9.9		
10/14/2016			1.7					
12/2/2016	2.5	2		3	10			
12/5/2016							3.6	1.5
12/6/2016						10		
12/19/2016			2.7 (O)					
2/9/2017		2.1			9.4			
2/10/2017	3.4			2.7			2.2	1.5
2/13/2017			1.8			10		
4/7/2017		2	1.7	2.9	9.9		2.2	1.4
4/10/2017	3.6							
4/11/2017						10		
6/22/2017		2	1.7		9.7			1.4
6/23/2017	3.2			3.3				
6/24/2017						10		
6/26/2017							3.4	
10/9/2017	3.5						3.4	
10/10/2017		2	1.6	3.5	9.8			1.4
10/11/2017						10		
3/22/2018		1.9			9.7			1.3
3/23/2018			1.6	3.6				
3/26/2018	3.8					11	1.9	
10/3/2018	4	2	1.6		10		2.9	
10/4/2018				3.9		12		
10/5/2018								1.4
3/27/2019	2.9	1.9	1.5	3.7	9.6		2	1.2
3/28/2019						12		
9/12/2019	3.4	1.9	1.7	4.3	10	11	2.5	1.4
3/19/2020	3.9	2.2	1.9	4.5	9.9	13	2.2	
3/20/2020								1.7 (F1)
9/10/2020	3.7	2.1					2.5	
9/11/2020			1.8	4.7	12	12		1.6
4/2/2021	3.7				13		1.8	
4/5/2021			2	5.3				1.8
4/6/2021		2.1				13		
8/12/2021	4.1	2.2	1.8	5.5	13		2.7	
8/13/2021						13		1.8
2/14/2022	4	2	1.8	5	10	12		1.5
2/15/2022							1.8	
8/26/2022	3.6						2	
8/30/2022		2.2						

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 12/10/2025 8:35 PM View: Appendix III - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-53	GWA-22 (bg)	GWA-47 (bg)
8/31/2022			1.6	5.1	13	13		1.5
2/28/2023	3.6		1.8	5.2	13	13	1.8	1.7
3/1/2023		2.1						
8/2/2023	3.4							
8/3/2023		1.9	1.7	5.2	13	14	1.8	1.6
10/4/2023						15		
2/29/2024	3.7							
3/4/2024		2	1.8	5.4	14	15	1.8	1.8
5/20/2024						13		
8/6/2024	3.2							
8/8/2024			1.8	5.5	27 (o)	29 (o)	1.9	1.7
8/9/2024		2						
11/7/2024					13	14		
2/25/2025	3					14	1.8	
2/26/2025		2.1	2	5.8	12			1.8
7/28/2025	2.8	2	1.6		13	16	1.7	2
7/30/2025				5.3				
10/21/2025						16 (R)		

APPENDIX F

Alternate Source Demonstrations

APPENDIX F

Alternate Source Demonstration 2024 Second Semi-Annual Event

Alternate Source Demonstration

Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR)
2024 Second Semi-Annual Event

Submitted to:

Georgia Power

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Submitted by:

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May 01, 2025

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Certification

This *Alternate Source Demonstration, Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102-009D(CCR), 2024 Second Semi-Annual Monitoring Event,* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with WSP USA Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

WSP USA Inc. certifies that monitored constituents were below the applicable Georgia maximum contaminant levels.

WSP USA Inc.

Dawn L. Prell, CPG
Technical Principal, Hydrogeologist

Rhonda N. Quinn, PG
Senior Geologist, Registered Professional Geologist No. 1031

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Georgia Registered Professional Engineer No. 026729

1.0 INTRODUCTION

This Alternate Source Demonstration (ASD) has been prepared on behalf of Georgia Power Company (Georgia Power) by WSP USA, Inc. (WSP) in accordance with 40 CFR § 257.90(e) of the Federal Coal Combustion Residuals (CCR) Rule and 391-3-4-.10 of the Georgia (GA) Solid Waste Management Rules to address the statistically significant increases (SSIs) of constituents over background concentrations.

These SSIs were reported in the *2024 Annual Groundwater Monitoring and Corrective Action Report* dated January 31, 2025, for the July-August 2024 semi-annual monitoring event and the November 2024 verification resampling (July-August and November 2024) event at Georgia Power's Plant Scherer (Scherer) Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (WSP, 2025). Within 90 days of the reported SSIs, in compliance with 391-3-4-.10, this report describes an alternate source and demonstrates that the SSIs are not the result of a release from Cell 1 or PAC Ash Cell, but rather due to natural variability in groundwater chemistry.

Semi-annual groundwater quality monitoring and reporting for the landfill units at Plant Scherer are performed in accordance with the Solid Waste Permit 102.009D(CCR); and the Site's *Groundwater Monitoring Plan*, and the CCR Rule 40 CFR § 257.90-98. The following sections address the SSIs noted following the 2024 second semi-annual monitoring event and provide evidence that demonstrates an alternate source for these SSIs.

2.0 SITE DESCRIPTION

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately five miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette. The plant is primarily surrounded by agricultural and residential use. Figure 1 depicts the location of Plant Scherer relative to the surrounding area. The Site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges (Golder, 2022a). Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1).

The Plant Scherer Landfill consists of two active cells, namely, Cell 1 and PAC Ash Cell (Figure 1). The two active cells have been used since 2011 for CCR. The landfill is situated on a topographically high area of the property east/southeast of AP-1. The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system. Figure 2 depicts the general configuration of Cell 1 along with the potentiometric surface inferred from groundwater elevations measured in the monitoring well network on July 30, 2024. Figure 3 presents a hydrograph of groundwater elevations for wells around Cell 1.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the *2024 Annual Groundwater Monitoring and Corrective Action Report,* detected concentrations of target constituents are below the established prediction limits (PLs) in groundwater samples collected during the July-August and November 2024 sampling events with the exception of barium, calcium, chloride, chromium, sulfate, and total dissolved solids (TDS), in various wells at Cell 1. Three of these SSIs of calcium and sulfate in GWC-9 and chromium in GWC-7 are not subject to prior ASDs and verification sampling conducted in November 2024 confirmed these SSIs. The SSIs noted following the second semi-annual sampling event of 2024 at the Site are below applicable maximum contaminant levels (MCLs) for drinking water

This report documents an Alternate Source Demonstration (ASD) to address the SSIs. Prior ASDs have been prepared to address the confirmed SSIs of barium, calcium, chloride, sulfate, and TDS at GWC-4, calcium at

GWC-7, GWC-19 and GWC-20, and sulfate at GWC-3 and GWC-10, and the basis for these ASDs is reasserted below. Table 1 summarizes the statistical exceedances above PLs following the July-August 2024 sampling event and subsequent November 2024 resampling results, indicates which SSIs are subject to prior ASDs, and indicates which are not—calcium and sulfate in GWC-9 and chromium in GWC-7. The three that were not subject to prior ASDs are all subject to this ASD, meaning that this ASD addresses all SSIs noted during the 2024 second semi-annual monitoring event.

3.1 Statistical Analysis Method

The selected statistical evaluation procedure for Cell 1 and PAC Ash Cell was developed using methodology presented in S*tatistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, (Unified Guidance) (USEPA, March 2009). Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by United States Environmental Protection Agency (USEPA) regulations and as recommended in the Unified Guidance.

During detection monitoring at the Site, groundwater quality data are evaluated using a two-step statistical approach (i.e., intrawell followed by interwell PLs). The statistical method(s) use an optional 1-of-2 verification resample plan. Intrawell statistical analyses methods are evaluated for each well and constituent pair. For an apparent SSI, a second step of interwell comparisons is performed. An SSI is declared when downgradient well data exceed both intrawell and interwell PLs.

3.2 Statistical Analysis Results

The calculated prediction limits and the statistical analysis (Sanitas) results are included in *2024 Annual Groundwater Monitoring and Corrective Action Report* (WSP, 2025).

Using the statistical methods described above, including the two-step analyses, the following SSIs are noted following the second semi-annual 2024 monitoring event including both the July-August sampling event and the November 2024 verification sampling event. No SSIs were reported in the PAC Ash Cell wells.

Parameter	Well ID
Cell 1	
Barium	GWC-4*
Calcium	GWC-4*, GWC-7*, GWC-9, GWC-19*, and GWC-20*
Chloride	GWC-4*
Chromium	GWC-7
Sulfate	GWC-3*, GWC-4*, GWC-9, and GWC-10*
TDS	GWC-4*

Note:

*Indicate prior ASDs have been prepared to address confirmed SSIs.

4.0 ALTERNATE SOURCE DEMONSTRATION

In accordance with Rule § 391-3-4-.10 and 40 CFR § 257.94(e), the following discussion provides a demonstration that the SSIs identified following the second semi-annual 2024 sampling event are not the result of a release from Cell 1 or the PAC Ash Cell. All but three SSIs identified after the July-August and November 2024 sampling have been the subject of prior ASDs, as summarized on Table 1, and the findings of those ASDs have been summarized in this demonstration, particularly in sections 4.1, 4.2 and 4.3.

In general, SSIs can be attributed to natural variability in groundwater chemistry. The variations in metal concentrations at several wells across the Site reflect variations in groundwater flow and chemistry following repairs to the sedimentation ponds and the clear pool made in 2023 and on other occasions in previous years that have affected nearby monitoring wells.

4.1 Barium, Calcium, Chloride, Sulfate, and TDS at GWC-4

4.1.1 Natural Occurrence of Barium in Regional and Site Groundwater

The concentration of barium in groundwater at GWC-4 during the July-August 2024 monitoring event (0.097 mg/L or 97 µg/L) is above the intrawell prediction limit (0.05318 mg/L or 53.18 µg/L), but substantially below the MCL of 2 mg/L (Figure 4). Barium is a naturally occurring alkaline earth metal commonly found in soils at a range of 10 to 5,000 mg/kg in soils across the United States, with an average concentration of 290 mg/kg in the Eastern United States (Smith and Huyck, 1999). Barium is typically found in groundwater as the divalent cation Ba^{2+} across a wide range of redox and pH conditions. As such, barium is prevalent in Piedmont groundwater at concentrations typically higher than other metals (USGS, 2013). Where barium concentrations are high in groundwater, it has been observed that sulfate concentrations in groundwater are relatively low, indicating barite [$BaSO_4$], a common mineral, is a likely control on the barium concentration in natural groundwater (Hem, 1985). With a range of less than 50 parts per billion over the upper PL, such variations in barium and other metal concentrations in groundwater are expected due to natural variations in groundwater quality resulting from variations in groundwater flow.

Barium concentrations at well GWC-4 are comparable to the reported range of barium concentrations (0.02 to 0.12 mg/L) in the crystalline rock aquifers of the Piedmont (USGS, 2009 and USGS, 2013). Barium in site groundwater is most likely derived by barite, which is a naturally occurring mineral. Barite is common in the Piedmont region and has been historically mined in some areas of the Piedmont (Cook, 1978). Because barite is easily dissolved under most geochemical conditions (USGS, 2013), the occurrence of barium at varying concentrations can occur at the Site due to variability of groundwater levels and the subsequent saturation of barium due to increased amounts of barium dissolved into groundwater. A notable decline in groundwater levels, in several site monitoring wells has been observed since 2020 (Figure 3). This decline in groundwater level at the Site coincided with the repair of above-ground pipes and installation of a new liner in the North Sedimentation Pond (Figure 2). Time series concentration trend of barium closely resembles the trends for calcium, sulfate, and TDS, indicating a common mechanism of the release of these constituents to groundwater. This is further described in section 4.1.4.

4.1.2 Natural Variability of Calcium, Sulfate, Chloride, and TDS

The calcium concentration at GWC-4 in July-August 2024 was 29 mg/L, compared to the intrawell PL of 17.6 mg/L (Figure 4). Similar to barium, the calcium concentration in well GWC-4 most likely reflects a decrease in groundwater elevation in GWC-4 due to the repairs and installation of a new liner in the nearby North

Sedimentation Pond. Decreased groundwater levels resulted in increased mineral solubility of calcium and barium. This is reflected in the saturation indices shown by a geochemical model that describes the site conditions based on recently collected ion data. The saturation indices (SI) for barite and gypsum have decreased at GWC-4 since the previous event (spring 2024) from 0.5682 to 0.4228 and from -1.9297 to -2.0125, respectively.

The sulfate concentration at GWC-4 in July-August 2024 was 73 mg/L, compared to the intrawell PL of 6.288 mg/L (Figure 5). The chloride concentration at GWC-4 in July-August 2024 was 19 mg/L, compared to the intrawell PL of 16.42 mg/L (Figure 6). The chloride concentration is relatively low for natural groundwater. The TDS concentration at GWC-4 in July-August 2024 was 250 mg/L, compared to the intrawell PL of 178.1 mg/L (Figure 5). Since TDS is essentially a sum of dissolved major and trace elements in groundwater, TDS is simply a reflection of slightly elevated calcium, sulfate, and chloride concentrations due to natural variations in groundwater quality, and mineral saturation and solubility. Any release of gypsum leachate from the lined CCR landfill units would show notably higher concentrations of TDS and other constituents from CCR. This is not evident in the concentration trends for barium, calcium, chloride, and TDS in well GWC-4.

4.1.3 Lack of Boron in Well GWC-4

Boron is a constituent in CCR materials that is commonly used as an indicator parameter in groundwater monitoring at CCR units because of its behavior as a conservative (non-reactive) element in groundwater quality (Ruhl, 2014). Boron has not been detected historically at GWC-4 (i.e., <0.022 mg/L, Figure 6), with the exception of a single J-flagged (i.e., estimated) detection in November 2024. These results provide an additional line of evidence indicating that the detected SSIs are not the result of a release from the lined CCR landfill units.

4.1.4 Mineral Saturation in Well GWC-4

Mineral saturation indices (SIs)[1] for well GWC-4 are shown in Table 2. The SIs indicate that calcite ($CaCO_3$) and gypsum ($CaSO_4$) are undersaturated and barite ($BaSO_4$) is near equilibrium for the chemical composition of groundwater in well GWC-4. This means additional calcium and sulfate dissolution from the aquifer system remains favorable until chemical equilibrium (calcium, barium, and/or sulfate saturation) is achieved. The apparent increase in TDS concentrations above the PLs is attributable to mineral dissolution and re-equilibration, and such variations in metal concentrations are expected due to natural variations in groundwater quality in the overburden-fractured rock aquifer at the Site. Physical changes at the Site from engineering and construction activities can also cause these changes when soils rich in calcium and sulfide minerals are exposed to the surface with additional recharge. Additionally, excavation of vegetation and organic soils found in the sediment pond footprint (previously used for stormwater control), the addition of structural fill, and construction of a two-foot layer of compacted clay liner provide a site-specific, non-CCR source of soluble minerals. Overall, the groundwater quality in well GWC-4 reflects metal concentrations that are comparable to reported background concentrations in the nearby Piedmont areas (USGS, 2013).

Groundwater elevations in well GWC-4 have declined since 2020 (Figure 3). The changes in groundwater levels affect the pH and redox condition in the uppermost aquifer and subsequently affect the kinetics of mineral

[1] Mineral Saturation Index (SI) is a measure of whether a water will tend to dissolve or precipitate a particular mineral. An SI is negative when the mineral may be dissolved (i.e., it is present below its saturation concentration), positive when it may be precipitated (i.e., is above its saturation concentration), and zero when the water and mineral are at chemical equilibrium. The SI is calculated by comparing the chemical activities of the dissolved ions of the mineral (ion activity product, IAP) with their solubility product (K_{sp}). In equation form, $SI = \log(IAP/K_{sp})$.

dissolution or precipitation. Groundwater elevations at several of the Site wells (including GWC-4) have declined nearly five feet since 2019, likely due to the 2020 construction of the lined sedimentation pond.

Based on these facts, the elevated concentrations of barium, calcium, chloride, sulfate, and TDS at GWC-4 are not the result of a release from Cell 1 but rather due to natural variability in groundwater chemistry due to the change in recharge conditions and cation exchange reactions.

4.2 Calcium at GWC-7, GWC-9, GWC-19, and GWC-20

An ASD for calcium at GWC-7, GWC-19 and GWC-20 was last submitted on November 22, 2024. Calcium concentrations in July-August 2024 at monitoring wells GWC-7, GWC-9, GWC-19 and GWC-20 were 17 mg/L, 22 mg/L, 20 mg/L, and 17 mg/L, respectively. GWC-9 was resampled for calcium in November 2024, confirming the original results. These concentrations are within close range to their corresponding intrawell prediction limits (16 mg/L, 21 mg/L, 15.99 mg/L, and 15.76 mg/L, respectively). As indicated, the concentrations are only slightly elevated in comparison to their PLs. This slight variance from the PLs is indicative of site-wide changes in chemistry likely due to changes in water level or site construction.

General chemistry of wells showing SSIs for calcium are compared to upgradient groundwater monitoring wells on a piper trilinear diagram presented as Figure 7. Review of the piper diagram shows that the constituent concentrations in wells GWC-7, GWC-9, GWC-19 and GWC-20 are similar to upgradient groundwater quality and do not indicate influence from Cell 1 or potentially PAC Ash Cell. Overall, the groundwater quality in wells GWC-7, GWC-9, GWC-19, and GWC-20 reflects metal concentrations that are less than an order of magnitude above their respective intrawell/interwell PLs and are comparable to reported background concentrations in site background wells and in the nearby Piedmont areas (USGS, 2013).

SIs for wells GWC-7, GWC-9, GWC-19, and GWC-20 are shown in Table 2. The SI data indicate that calcite ($CaCO_3$) is undersaturated based on the chemical composition of groundwater in wells GWC-7, GWC-9, GWC-19, and GWC-20. This condition means additional calcium dissolution from the aquifer system remains favourable until chemical equilibrium (calcium saturation) is achieved. The apparent increase in calcium concentrations above the PLs is attributed to mineral dissolution and re-equilibration, and such variations in metal concentrations are expected due to natural variations in groundwater quality in the overburden-fractured rock aquifer at the Site. Physical changes at the Site from engineering and construction activities can also cause these changes when soils rich in calcium and sulfide minerals are exposed to the surface with additional recharge. Additionally, excavation of vegetation and organic soils found in the sediment pond footprint (previously used for stormwater control), the addition of structural fill, and construction of a two-foot layer of compacted clay liner near GWC-19 and GWC-20, coupled with liner repairs and site maintenance at the lined pond near GWC-9 can provide a site-specific, non-CCR source of soluble minerals.

Groundwater elevations in wells GWC-19 and GWC-20 have slightly declined since March 2019 (Figure 3), since the over-excavation and lining of the North Sedimentation Pond. Construction, including the addition of 2,600 feet of underdrain, occurred at the Site. Construction of the drain, which occurred in December 2019, (Brantley, 2020), corresponds to the observed increase is calcium GWC-19 and GWC-20. The decreases in groundwater levels can affect the pH and redox condition in the uppermost aquifer and, subsequently, affect the kinetics of mineral dissolution or precipitation. Groundwater elevations have declined nearly five feet in several of the Site wells (including GWC-19, and GWC-20) since 2019 (Figure 3).

4.3 Sulfate at GWC-3, GWC-9 and GWC-10

SSIs of sulfate have been identified at GWC-3, GWC-9 and GWC-10 following the July-August 2024 sampling event. The November 2024 resampling event confirmed concentrations of sulfate at GWC-3 and GWC-9. Prior ASDs for sulfate were submitted on November 29, 2023, for GWC-3 and on November 22, 2024, for GWC-10.

Calculated mineral SIs for wells GWC-3, GWC-9 and GWC-10 are shown in Table 2. The SI data indicate that gypsum (calcium sulfate) and barite (barium sulfate) are undersaturated, based on the chemical composition of groundwater in wells GWC-3, GWC-9 and GWC-10. This means that calcium, barium, and sulfate are favored for dissolution in the aquifer system until mineral equilibrium (SI = zero) for these constituents is achieved. If there was a release from Cell 1, the expectation would be that groundwater quality would be significantly affected by the major indicator parameters (boron and chloride particularly) and that the groundwater would be saturated with sulfate and barium (i.e., the saturation indices for these constituents would be notably greater than zero).

General chemistry at GWC-3, GWC-9 and GWC-10 compared to upgradient groundwater monitoring wells is presented on a piper trilinear diagram (Figure 7). Review of the piper diagram shows that GWC-3, GWC-9 and GWC-10 concentrations are similar to upgradient groundwater quality and do not suggest influence from another source (i.e., Cell 1).

Concentrations of boron, a primary indicator parameter, have remained low (0.13 mg/L or less) in groundwater from wells GWC-3, GWC-9 and GWC-10 and no trends are noted. Chloride concentrations in these wells have also remained low (5.2 mg/L or less) (Figure 10). If the SSIs of sulfate reported in wells GWC-3, GWC-9 and GWC-10 were due to a release from the landfill, an increase in multiple indicator parameters would be expected, notably boron and chloride, which has not been observed. As a result, the increases in sulfate concentration at GWC-3, GWC-9 and GWC-10 are attributed to natural variations in groundwater chemistry.

4.4 Chromium at GWC-7

The chromium SSI identified at GWC-7 following the July-August 2024 sampling event was confirmed during the November 2024 resampling event. The concentration of chromium following the second semi-annual sampling event and the November 2024 resampling event in groundwater at GWC-7 (0.02 mg/L) is slightly above the intrawell prediction limit (0.018 mg/L), and below the MCL of 0.1 mg/L (Figure 9). Naturally occurring chromium is prevalent in groundwater from aquifer systems composed of ultramafic rocks, known to have elevated chromium concentrations relative to other rock types. Site-specific geologic investigations and mapping have confirmed the presence of these types of ultramafic rocks in the subsurface underlying Plant Scherer (Golder, 2020).

Review of the piper diagram (Figure 7), shows that the general chemistry at GWC-7, is similar to upgradient groundwater quality and does not suggest influence from another source (i.e., Cell 1). Concentrations of boron at GWC-7 have remained below reporting limits (less than 0.08 mg/L) and no trends are noted. Chloride concentrations in GWC-7 also remain low (below 4.9 mg/L) (Figure 10). Per these indications, the SSI of chromium at GWC-7 can attributed to natural variations in groundwater chemistry.

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent statistical exceedances presented in the *2024 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell*, *Permit No. 102-009D(CCR)*, dated January 31, 2025. In accordance with 40 CFR § 257.94(e) and §391-3-4-.10 of

the Georgia Solid Waste Management Rules, this ASD addresses each of the SSIs noted following the July-August 2024 sampling and the November 2024 resampling events.

Based on the data presented herein, SSIs from the July-August and November 2024 monitoring/resampling events are not the result of a release of constituents from the lined landfill units, but rather natural variability in groundwater quality. The lines of evidence include:

- The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system. There is no evidence of a release through the liner systems.
- Construction and repair of the lining of the North Sedimentation Pond has affected localized aquifer recharge and groundwater elevations in nearby wells.
- The reported concentrations of barium are within the range of concentrations expected in the overburden – fractured bedrock aquifers in samples from the Piedmont in the southeastern United States (USGS, 2009; USGS, 2013).
- Site-specific geologic investigations and mapping have confirmed the presence of ultramafic rocks in the subsurface underlying Plant Scherer that are known to have elevated chromium concentrations relative to other rock types (Golder, 2020).
- The chemical composition of groundwater in wells GWC-3, GWC-7, GWC-9, GWC-10, GWC-19, and GWC-20, is similar to upgradient groundwater (Figure 7).
- Boron, a primary indicator parameter for CCR, does not exhibit an SSI at wells GWC-3, GWC-4, GWC-7, GWC-9, GWC-10, GWC-19, and GWC-20
- Mineral saturation indices suggest that barium, chloride, sulfate, and hence, overall TDS concentrations in groundwater in GWC-3, GWC-4, GWC-7, GWC-9, GWC-10, GWC-19, and GWC-20 are affected by the natural mineral dissolution in the aquifer materials rather than a release from Cell 1.

The SSIs addressed above are below their MCLs and occur at low concentrations commonly noted in groundwater unaffected by CCR units. Based on the findings presented herein, Georgia Power will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell. A copy of this ASD will be included with the forthcoming Semi-Annual report.

6.0 REFERENCES

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Tables

TABLE 1
SUMMARY OF STATISTICALLY SIGNIFICANT INCREASES
2024 SECOND SEMI-ANNUAL EVENT
Georgia Power Company - Plant Scherer
Monroe County, Georgia

Constituent	Units	Well ID	Intrawell Prediction Limit	Interwell Prediction Limit	Concentration (mg/L)		ASD Previously Submitted
					July-August 2024	November 2024	
CELL 1							
Barium	mg/L	GWC-4	0.05318	0.051	0.097	NA	Yes[1]
Calcium	mg/L	GWC-4	17.6	15	29	NA	Yes[1]
Calcium	mg/L	GWC-7	16	15	17	NA	Yes[1]
Calcium	mg/L	GWC-9	21	15	22	23	No
Calcium	mg/L	GWC-19	15.99	15	20	NA	Yes[1]
Calcium	mg/L	GWC-20	15.76	15	17	NA	Yes[1]
Chloride	mg/L	GWC-4	16.42	7.2	19	NA	Yes[1]
Chromium	mg/L	GWC-7	0.018	0.012	0.02	0.02	No
Sulfate	mg/L	GWC-3	1.1	3.5	15	18	Yes[2]
Sulfate	mg/L	GWC-4	6.288	3.5	73	NA	Yes[1]
Sulfate	mg/L	GWC-9	18.9	3.5	22	30	No
Sulfate	mg/L	GWC-10	1.311	3.5	4.4	NA	Yes[1]
Total Dissolved Solids	mg/L	GWC-4	178.1	137.1	250	NA	Yes[1]

Notes:

[1] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2024 First Semi-Annual Monitoring Event, November 22, 2024 (WSP, 2024).

[2] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2023 First Semi-Annual Monitoring Event, November 29, 2023 (WSP, 2023).

mg/L - milligrams per liter

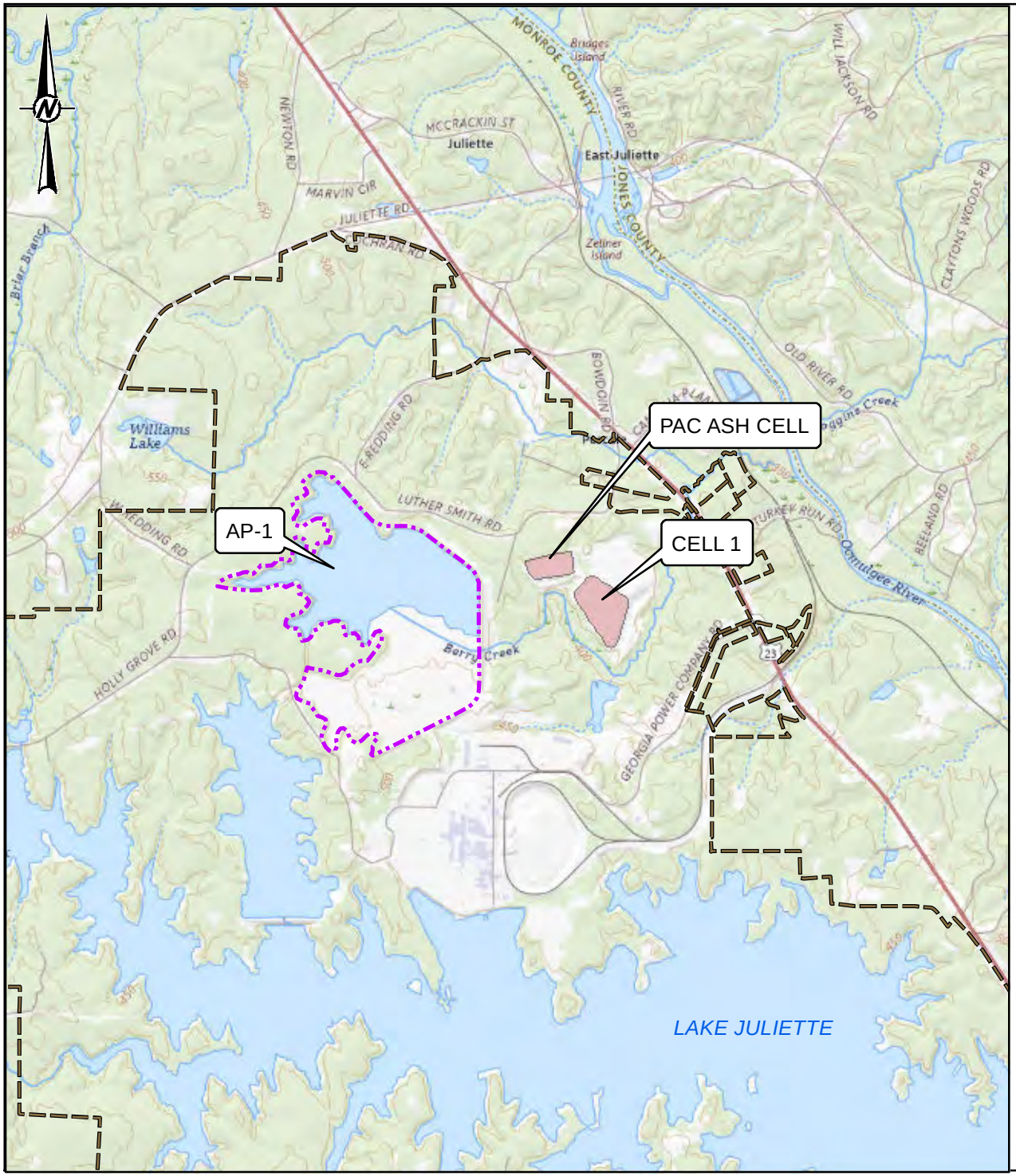
NA - Not Analyzed

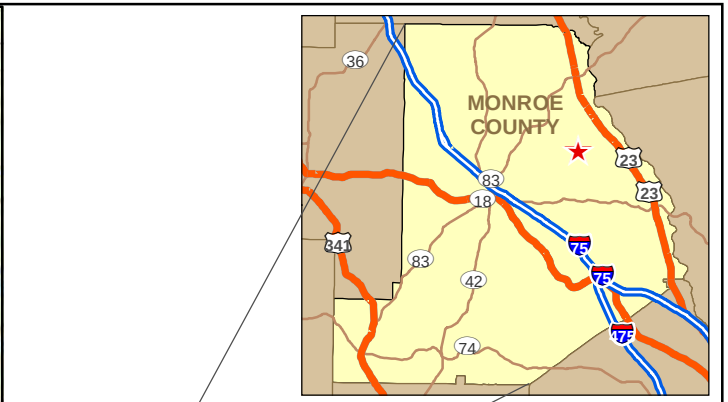
TABLE 2
SATURATION INDICES - 2024 SECOND SEMI-ANNUAL EVENT
Georgia Power Company - Plant Scherer
Monroe County, Georgia

Well ID	August 2024		
	Calcite	Barite	Gypsum
GWA-15	-3.859	-2.0683	-4.3629
GWA-16	-1.943	-2.1962	-4.4142
GWA-17	-2.4004	-2.1396	-4.5991
GWC-1	-1.5079	-2.014	-4.3724
GWC-2	-1.3674	-2.0173	-4.3207
GWC-3	-2.7233	-0.9146	-3.0164
GWC-4	-2.0276	0.4228	-2.0125
GWC-5	-2.1059	0.0215	-1.9945
GWC-6	-2.0485	-0.5651	-2.9086
GWC-7	-1.9548	-1.5833	-3.8411
GWC-8A	-1.2945	-0.6468	-2.4573
GWC-9	-1.6466	-0.5231	-2.5767
GWC-10	-1.8575	-1.1643	-3.3166
GWC-11	-2.2833	-2.4289	-4.4669
GWC-12	-4.9791	-2.2807	-5.4064
GWC-13	-2.7933	-2.0808	-4.6751
GWC-14	-3.2753	-2.519	-4.6181
GWC-18	-2.0989	-2.1787	-4.5382
GWC-19	-1.7514	-2.2418	-4.3401
GWC-20	-1.7356	-2.1609	-4.3832

Note:
Mineral Saturation Index (SI) is a measure of whether a water will tend to dissolve or precipitate a particular mineral. An SI is negative when the mineral may be dissolved (i.e., it is present below its saturation concentration), positive when it may be precipitated (i.e., is above its saturation concentration), and zero when the water and mineral are at chemical equilibrium. The SI is calculated by comparing the chemical activities of the dissolved ions of the mineral (ion activity product, IAP) with their solubility product (K_{sp}). In equation form, $SI = \log(IAP/K_{sp})$

Figures





LEGEND

PROPERTY BOUNDARY

AP-1 PERMIT BOUNDARY

Service Layer Credits: USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,

0 4000 8000

Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
SITE LOCATION MAP

CONSULTANT
wsp

YYYY-MM-DD	2024-10-24
PREPARED	RHG
DESIGN	DLP
REVIEW	DLP
APPROVED	RNQ

PROJECT No.
31406440.022

FIGURE
1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM: ANSI A

1in

0

LEGEND

TYPE

- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- EXISTING TOPOGRAPHY

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED JULY 30, 2024 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. **DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.**

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 07/2024.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.

0 125 250 500 Feet

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CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1
JULY 30, 2024

CONSULTANT

wsp

YYYY-MM-DD	2025-01-06
DESIGNED	RHG
PREPARED	AR
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.022

FIGURE
2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B
0 1in

Figure 3a

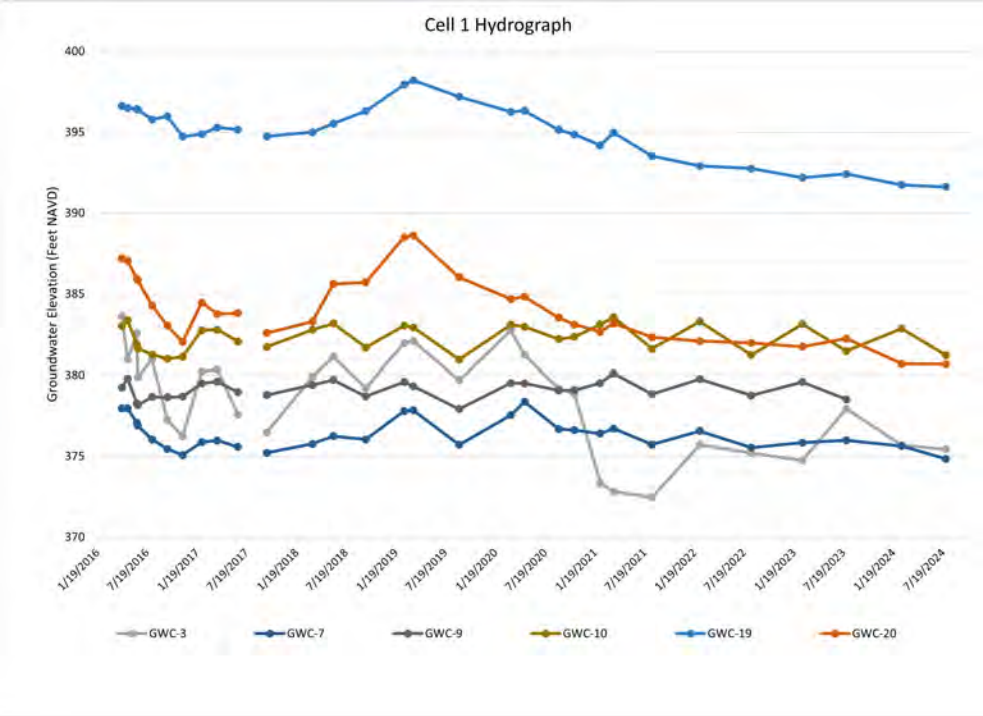
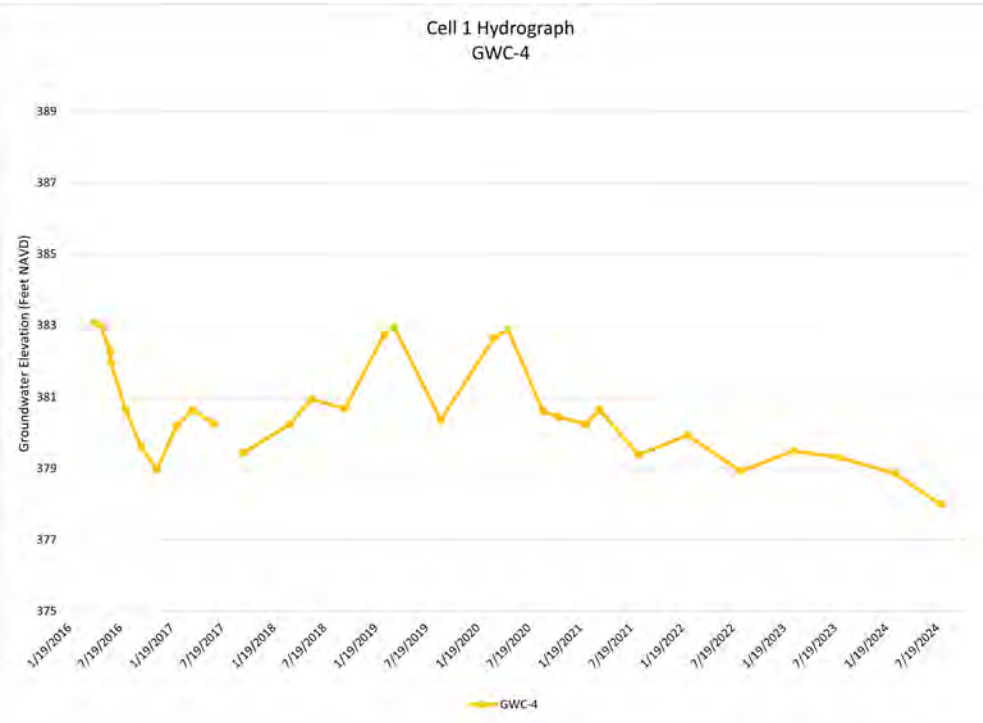


Figure 3b



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ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE

CELL 1 HYDROGRAPH- GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	3

Figure 4a

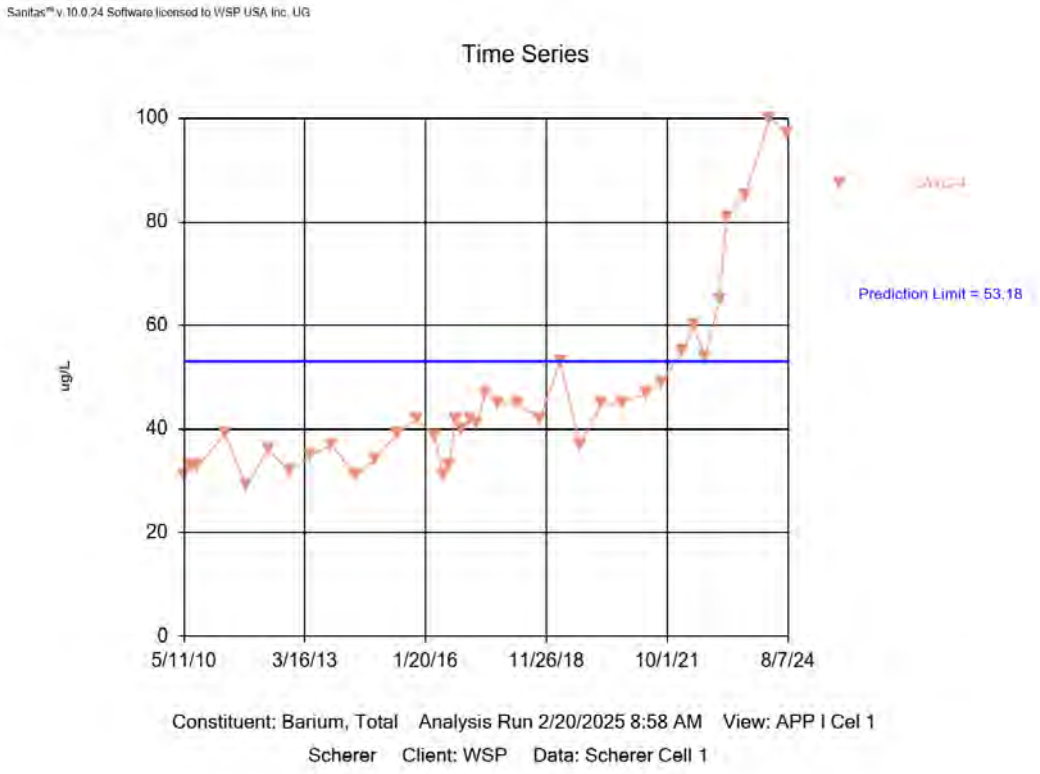
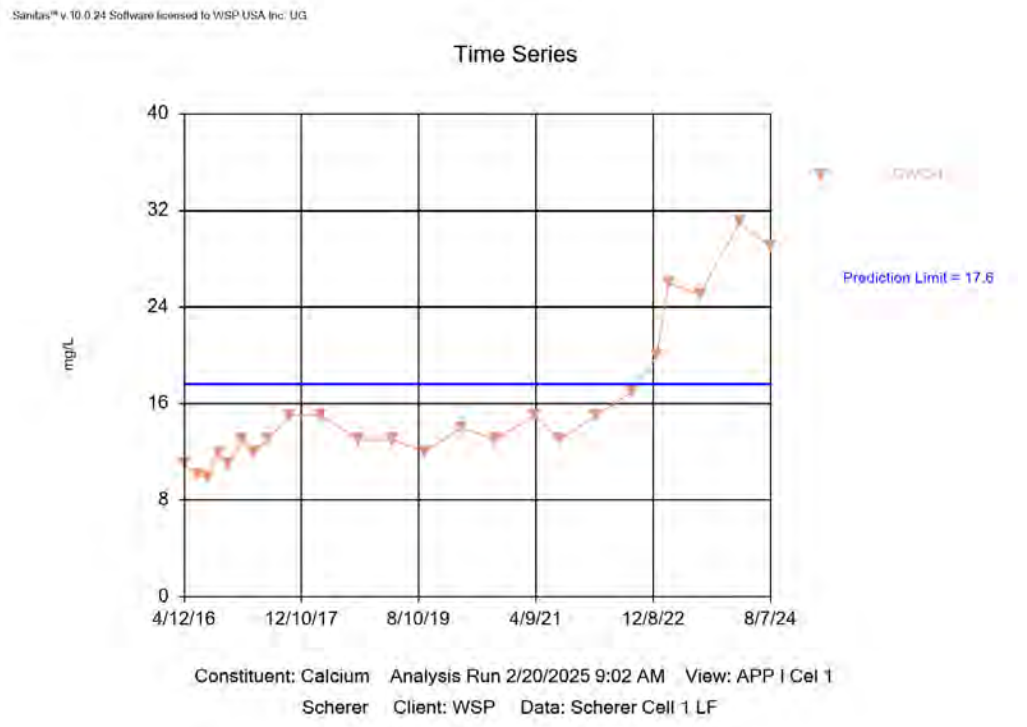


Figure 4b



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CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
BARIUM AND CALCIUM IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	4

Figure 5**a**

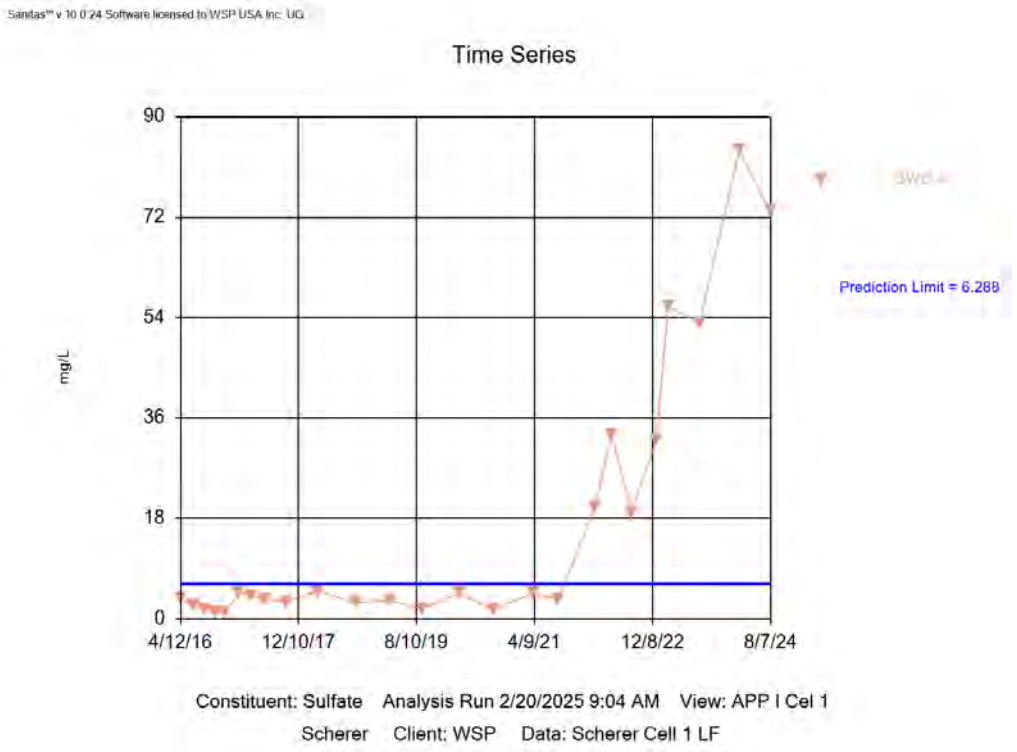
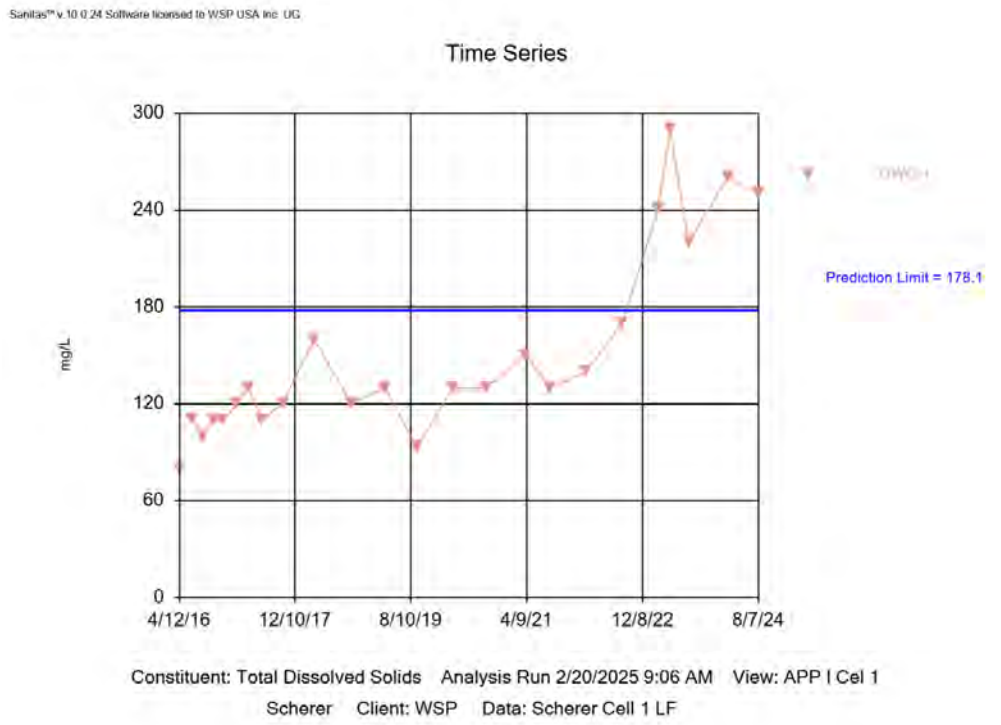


Figure 5**b**



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2024 SECOND SEMI-ANNUAL EVENT

TITLE

SULFATE AND TDS IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	5

Figure 6a

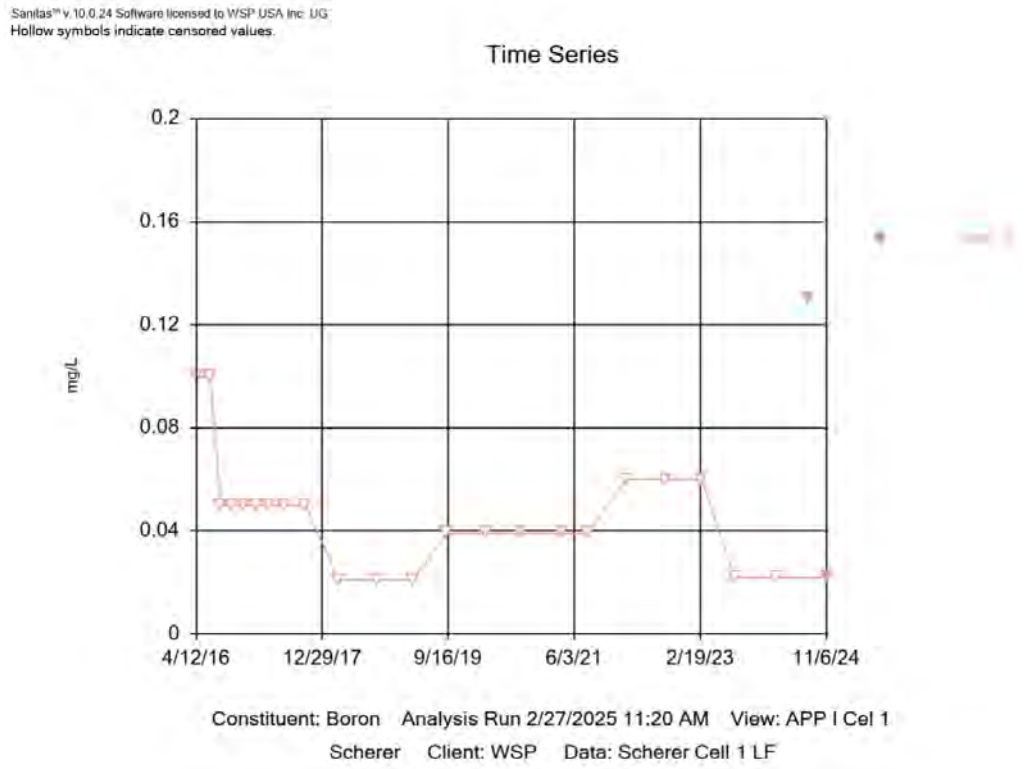
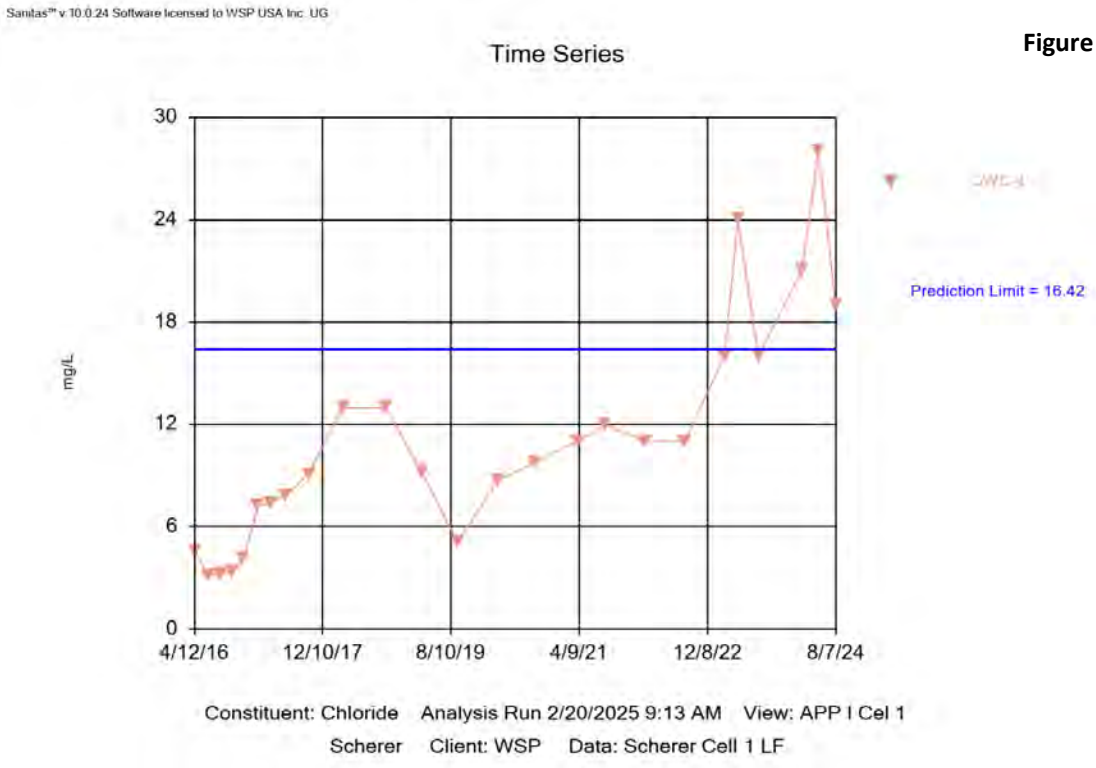


Figure 6b



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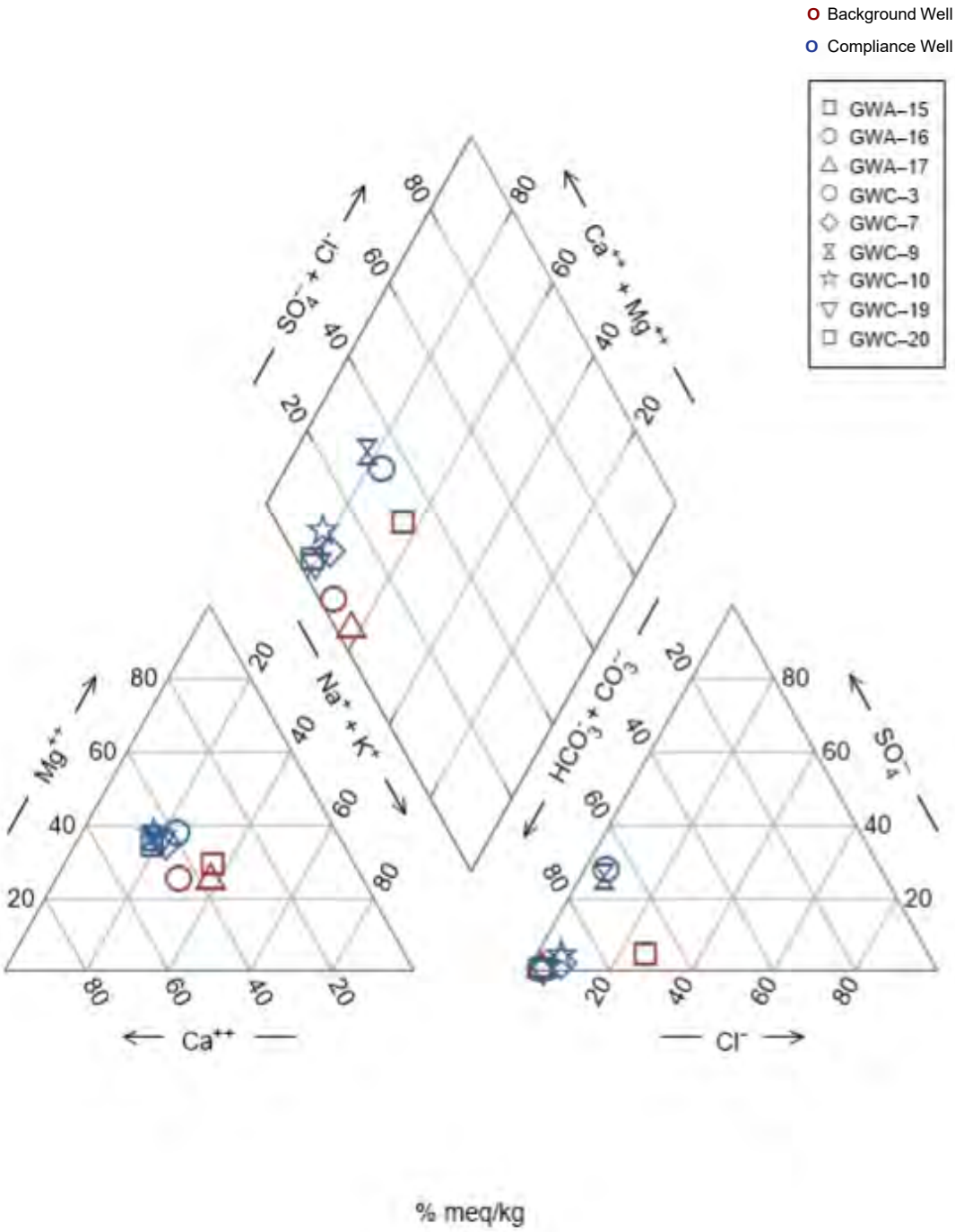
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE

BORON AND CHLORIDE IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	6



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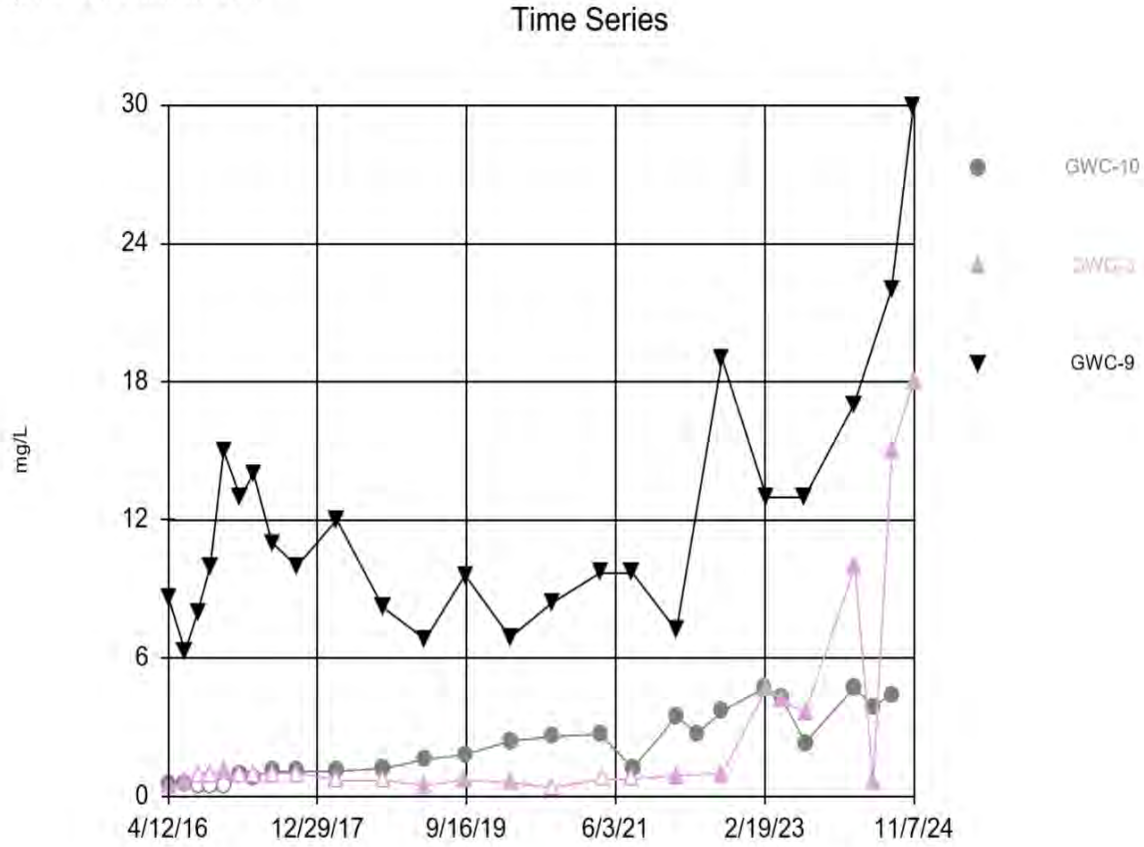
PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
GWC-3, GWC-7, GWC-9, GWC-10, GWC-19, GWC-20, AND UPGRADIENT GROUNDWATER CHEMISTRY PIPER TRILINEAR DIAGRAM

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	7

Sanitas™ v.10.0.24 Software licensed to WSP USA Inc. UG
Hollow symbols indicate censored values.



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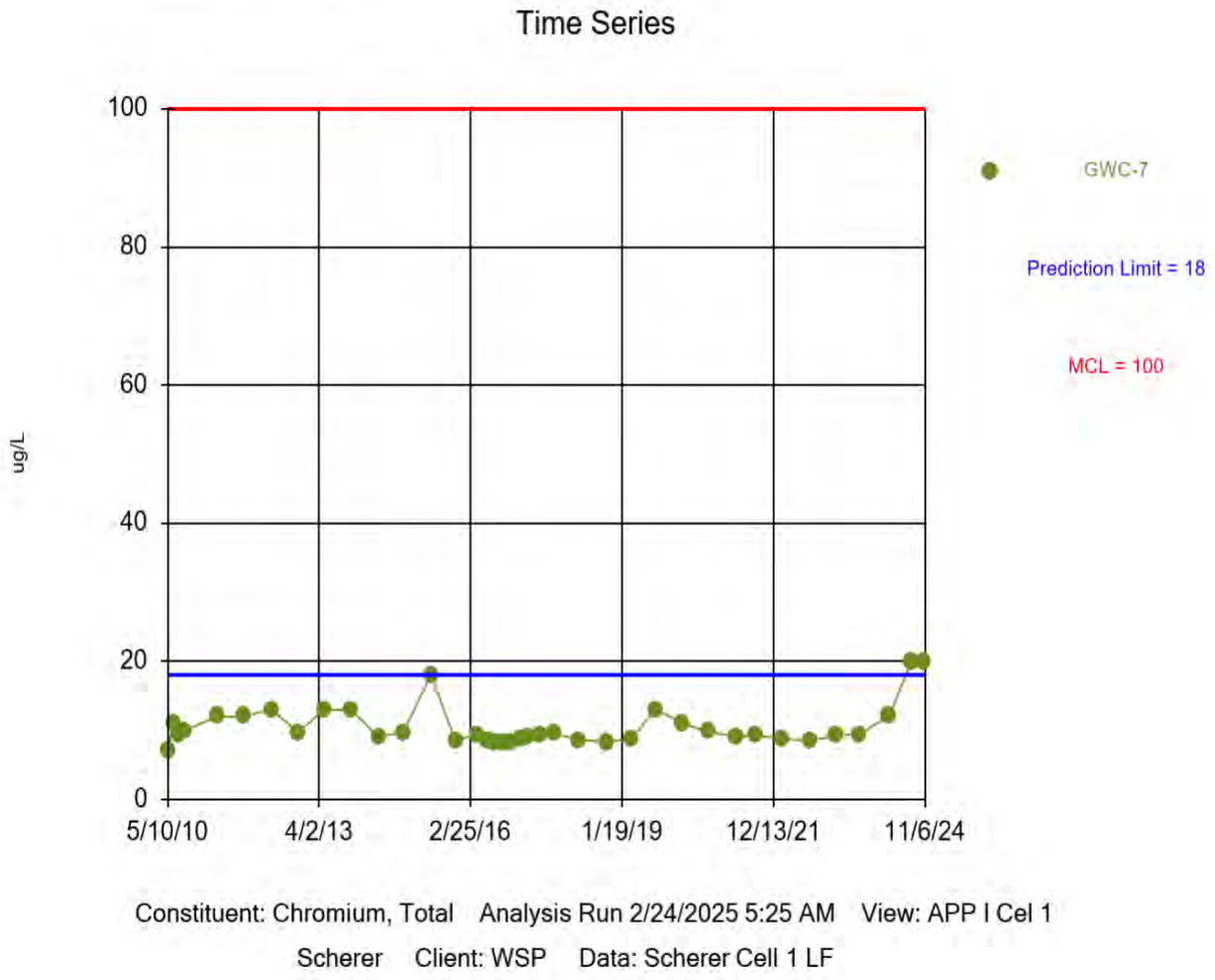
WSP

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
SULFATE IN GROUNDWATER AT GWC-3, GWC-9 AND GWC-10

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	8

Sanitas™ v.10.0.24 Software licensed to WSP USA Inc. UG



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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE

CHROMIUM IN GROUNDWATER AT GWC-7

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	9

Figure 10**a**

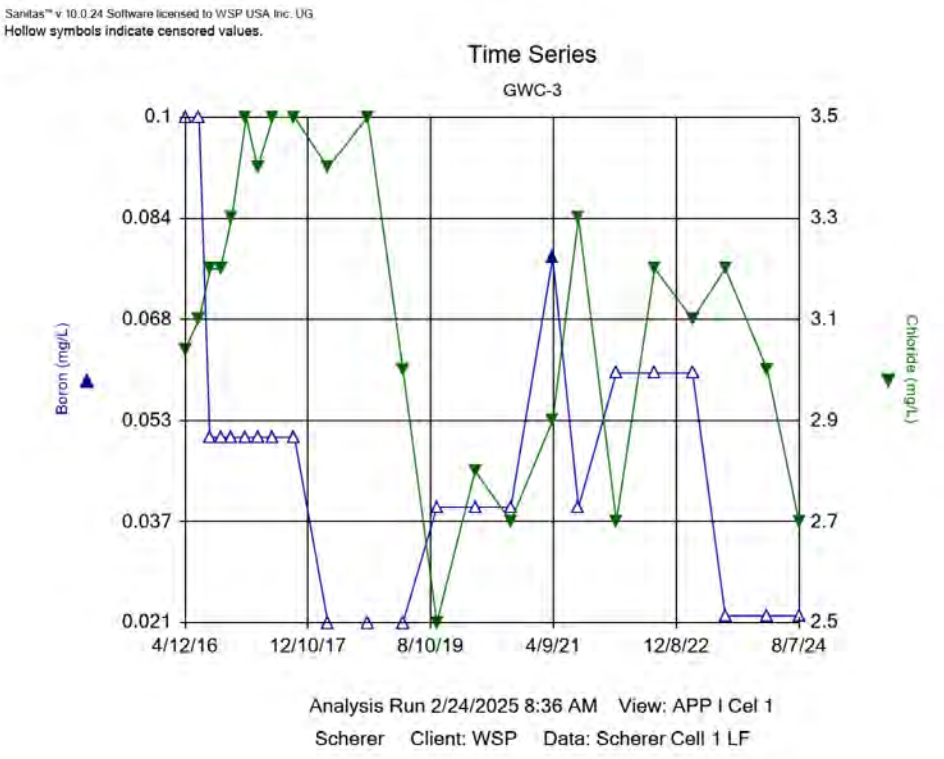
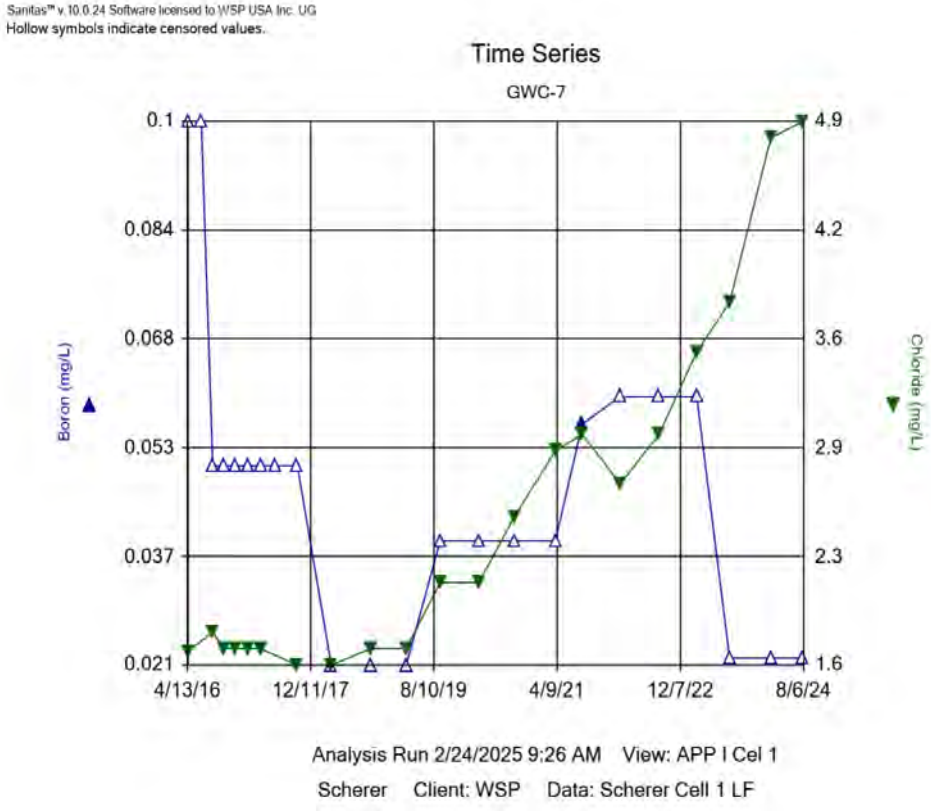


Figure 10**b**



CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

CONSULTANT

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
BORON AND CHLORIDE IN GROUNDWATER AT GWC-3, GWC-7, GWC-9 AND GWC-10

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	10

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APPENDIX F

Alternate Source Demonstration 2025 First Semi-Annual Event

Alternate Source Demonstration

Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR)
2025 First Semi-Annual Event

Submitted to:

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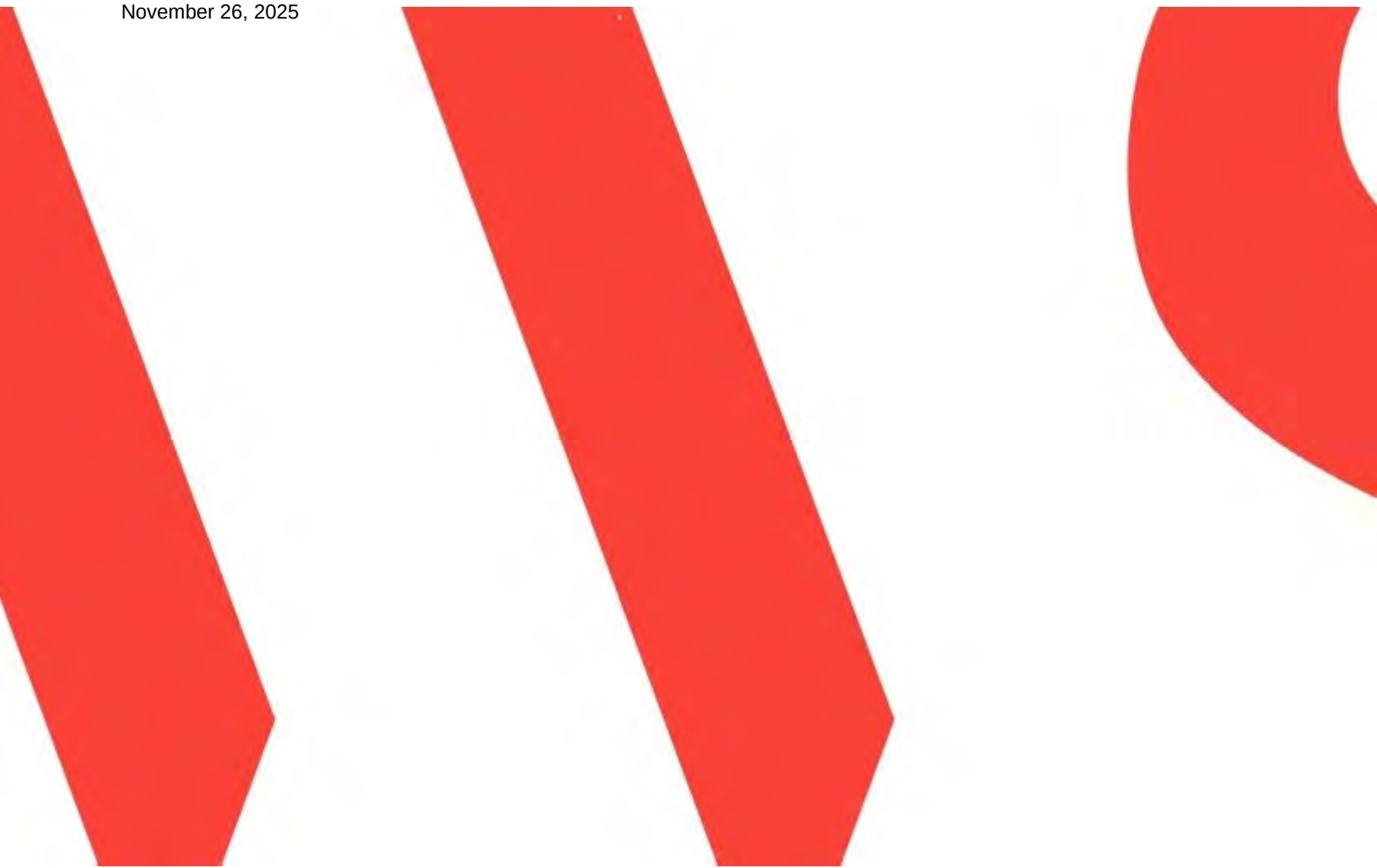
November 26, 2025



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Certification

This *Alternate Source Demonstration, Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102-009D(CCR), 2025 First Semi-Annual Monitoring Event,* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with WSP USA Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

WSP USA Inc. certifies that monitored constituents were below the applicable Georgia maximum contaminant levels.

WSP USA Inc.

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1.0 INTRODUCTION

This Alternate Source Demonstration (ASD) has been prepared on behalf of Georgia Power Company (Georgia Power) by WSP USA, Inc. (WSP) in accordance with 40 CFR § 257.90(e) of the Federal Coal Combustion Residuals (CCR) Rule and 391-3-4-.10 of the Georgia (GA) Solid Waste Management Rules to address the statistically significant increases (SSIs) of constituents over background concentrations.

These SSIs were reported in the *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report* dated August 29, 2025, for the 2025 first semi-annual monitoring event at Georgia Power's Plant Scherer (Scherer) Cell1 and Powdered Activated Carbon (PAC) Ash Cell (WSP 2025a). Within 90 days of the reported SSIs, in compliance with 391-3-4-.10, this report describes an alternate source and demonstrates that the SSIs are not the result of a release from within the waste boundary of Cell 1 or PAC Ash Cell, but rather due to natural variability in groundwater chemistry or the result of water management operations outside the landfill waste boundary.

2.0 SITE DESCRIPTION

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately five miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette. The plant is primarily surrounded by agricultural and residential use. Figure 1 depicts the location of Plant Scherer relative to the surrounding area. The Site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges (WSP 2025b). Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1).

The Plant Scherer Landfill consists of two active cells, namely, Cell 1 and PAC Ash Cell (Figure 1). The two active cells have been used since 2011 for CCR. The landfill is situated on a topographically high area of the property east/southeast of AP-1. The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system. Figure 2 depicts the general configuration of Cell 1 and PAC Ash Cell along with the potentiometric surface inferred from groundwater elevations measured in the monitoring well network on February 18, 2025. Figure 3 presents a hydrograph of groundwater elevations for wells around Cell 1.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report,* detected concentrations of target constituents are below the established prediction limits (PLs) in groundwater samples collected during the 2025 first semi-annual event with the exception of barium, calcium, chloride, chromium, selenium, sulfate, and total dissolved solids (TDS), in various wells at Cell 1 and sulfate at GWC-53 at PAC Ash Cell. The selenium SSI at GWC-4 was not subject to prior ASDs and a verification sampling conducted in April 2025 confirmed the SSI. The sulfate SSI at PAC Ash Cell well GWC-53 has also not been subject to a prior ASD. The SSIs noted following the first semi-annual sampling event of 2025 at the Site are below applicable maximum contaminant levels (MCLs) and secondary MCLs for drinking water.

Prior ASDs have been prepared to address the confirmed SSIs of barium, calcium, chloride, sulfate, and TDS at GWC-4, calcium and chromium at GWC-7, calcium at GWC-9, GWC-19 and GWC-20, and sulfate at GWC-3 and GWC-6 and GWC-9, and the basis for these ASDs is reasserted below. Table 1 summarizes the statistical exceedances above PLs following the February and April 2025 sampling events, and specifies which SSIs are

subject to prior ASDs. This ASD addresses each of the SSIs noted following the 2025 first semi-annual monitoring event.

3.1 Statistical Analysis Method

The selected statistical evaluation procedure for Cell 1 and PAC Ash Cell was developed using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, (Unified Guidance) (USEPA March 2009). Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by United States Environmental Protection Agency (USEPA) regulations and as recommended in the Unified Guidance.

During detection monitoring at the Site, groundwater quality data are evaluated using a two-step statistical approach (i.e., intrawell followed by interwell PLs). The statistical method(s) use an optional 1-of-2 verification resample plan. Intrawell statistical analyses methods are evaluated for each well and constituent pair. For an apparent SSI, a second step of interwell comparisons is performed. An SSI is declared when downgradient well data exceed both intrawell and interwell PLs.

3.2 Statistical Analysis Results

The calculated prediction limits and the statistical analysis (Sanitas) results are included in *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report* (WSP 2025a).

Using the statistical methods described above, including the two-step analyses, the following SSIs are noted following the first semi-annual 2025 monitoring event including both the February sampling event and the April 2025 verification sampling event.

Parameter	Well ID
Cell 1	
Barium	GWC-4*
Calcium	GWC-4*, GWC-7*, GWC-9*, GWC-19*, and GWC-20*
Chloride	GWC-4*
Chromium	GWC-7*
Selenium	GWC-4
Sulfate	GWC-3*, GWC-4*, GWC-6, and GWC-9*
TDS	GWC-4*
PAC Ash Cell	
Sulfate	GWC-53

Note:
*Indicates prior ASDs have been prepared to address confirmed SSIs.

4.0 ALTERNATE SOURCE DEMONSTRATION

In accordance with Rule § 391-3-4-.10 and 40 CFR § 257.94(e), the following discussion provides a demonstration that the SSIs identified following the first semi-annual 2025 sampling event are not the result of a release from within the waste boundary of Cell 1 or the PAC Ash Cell. All but two SSIs identified following the February and April 2025 sampling have been the subject of prior ASDs, as summarized on Table 1, and the findings of those ASDs have been summarized in this demonstration, particularly in section 4.0.

The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system which continue to function as designed. In general, many of the SSIs can be attributed to apparent natural variability in groundwater chemistry, other SSIs may be attributed to an alternate source other than release from the Cell 1 or the PAC Ash Cell landfill units. The variations in metal concentrations at several wells across the Site reflect variations in groundwater flow. Repairs to the sedimentation ponds and the Clear Pool liner completed in 2023 and on other occasions in previous years have affected the groundwater chemistry in nearby monitoring wells. A leak detection survey performed in August 2025, of the North Sedimentation Pond and Clear Pool, has identified anomalies in the Clear Pool that may represent an alternate potential source. Georgia Power is securing appropriate materials and coordinating additional assessment of and repairs to the liner for the Clear Pool. It is anticipated that these repairs will be completed in first quarter of 2026.

4.1 GWC-4 (Barium, Calcium, Chloride, Selenium, Sulfate, and TDS)

Reported concentrations of barium, calcium, chloride, selenium, sulfate and TDS exceed the applicable statistical limit following the first semi-annual monitoring event in 2025. Based on a recent leak detection survey (refer to Section 4.2 Electric Liner Leak Detection Survey), it appears that landfill water management in the Clear Pool, outside the solid waste boundary, is likely to have caused the elevated concentrations of these constituents.

A notable decline in groundwater levels in several site monitoring wells has also been observed since 2020 (Figure 3), while the groundwater elevations have remained fairly stable in the upgradient wells. The decline in groundwater levels in this area of the Site coincided with the repair of above-ground pipes and liner installation for the North Sedimentation Pond (Figure 2). These activities appear to have reduced local groundwater recharge. Time series concentration trends for barium, calcium, sulfate, and TDS, indicating a common mechanism of the release for the presence of these constituents in groundwater, i.e. the notable decline in water levels. The concentrations of calcium, sulfate, chloride, and TDS in GWC-4 slightly exceed prediction limits (Table 1). Because TDS is essentially a sum of dissolved major and trace elements in groundwater, TDS is simply a reflection of slightly elevated calcium, sulfate, and chloride concentrations in the Site groundwater.

The concentration of selenium following the February 2025 sampling, the April 2025 re-sampling events, and the second semi-annual event in July 2025 events in groundwater at GWC-4 (0.0076 mg/L, 0.0091 mg/L, and 0.0090 mg/L, respectively; Appendix B) are slightly above the intrawell and interwell prediction limit (0.005 mg/L), and an order of magnitude below the MCL of 0.05 mg/L. Until 2022, selenium had not been detected consistently in the groundwater samples from GWC-4 (Figure 7) when repairs were made to the sedimentation ponds and the Clear Pool that had affected nearby monitoring wells. Although the reported concentrations of selenium observed at GWC-4 are within the range of naturally occurring selenium 0.05 to 0.8 mg/kg in soils across the United States (Smith and Huyck, 1999) and adjacent counties 0.4916 to 0.5801 mg/kg (Shacklette and Boerngen 1984), the concentrations observed at GWC-4 are likely the result of imperfections in the liner of the Clear Pool and associated piping.

Boron is a constituent in CCR materials that is commonly used as an indicator parameter in groundwater monitoring at CCR units because of its behaviour as a conservative (non-reactive) element in groundwater quality (Ruhl 2014). Boron has not been detected historically at GWC-4 (i.e., <0.022 mg/L, Figure 6), with the exception of two J-flagged (i.e., estimated values below the reporting limit) detections in November 2024 and February 2025. Wells adjacent to GWC-4 do not exhibit SSIs indicating that the impact to groundwater is localized to GWC-4 as suggested by the leak detection survey. These facts provide an additional line of evidence indicating that the reported SSIs are not the result of a release from the Cell 1 lined CCR landfill but rather are due to imperfections in the liner of the Clear Pool and associated piping.

In summary, the SSIs reported at GWC-4 are the result of a source other than the Cell 1 lined landfill cell. The Site construction and repair work at the water management facilities outside the landfill waste boundary appears to have affected the groundwater elevations and subsequently the elevated concentrations of barium, calcium, chloride, sulfate, selenium, and TDS at GWC-4 are not the result of a release from within the waste boundary of Cell 1 but rather due to variability in groundwater chemistry caused by a change in recharge conditions and cation exchange reactions. These groundwater chemistry changes are confirmed by the detection of SSIs in wells adjacent to the water management facilities. In regard to the selenium concentrations at GWC-4, the reported SSIs are likely due to imperfections in the Clear Pool and associated piping.

4.2 Electric Liner Leak Detection Survey

Between August 25th and August 28th, 2025, Southern Company Services, Inc. (SCS) procured an electric liner leak (ELL) geophysical survey to investigate whether repairs may be appropriate for the secondary and primary liners of the North Sedimentation Pond and Clear Pool. Results from the geophysical survey, procedures, and methodologies are found in the Technical Report Electric Liner Leak Detection Survey provided by Nova Geotechnologies, LLC and GFT Infrastructure (GFT) provided in Appendix A.

The survey findings include anomalies (spikes in voltage DC readings) in the southeastern corner of the primary and secondary liner system within the Clear Pool. The anomalies likely reflect leakage of water below the clear pool liners and are in the vicinity of the connections of the sump to the liner as well as the sump-riser pipe connections and have been flagged for repair. Results of the leak detection survey suggest the Clear Pool as a possible source of variations in groundwater chemistry observed in well GWC-4. The Clear Pool sump-riser and associated liner connection repairs are currently in design and procurement stage and are expected to be implemented in Q1 2026.

The geophysical survey conducted at the western edge of the North Sedimentation Pond found multiple small dipoles in the data set across the northern part of the study area. The dipoles appear in a quasi-linear pattern from west to east which could potentially represent small discontinuities in the seams of the primary liner system. However, it is important to note that voltages observed are small in magnitude (±5 V). The rest of the pond during this survey was rather flat based on the measured voltage. In addition, the subgrade to interstitial layer investigation yielded an average mV DC reading in the 0 mV DC range with the lone dipole appearing around the pipe culvert section connecting the North Sedimentation Pond and the Clear Pool (transfer pipe). Further review and investigation will be required to determine if repairs are necessary at the North Sedimentation Pond, which will be evaluated following repairs to the sump-riser at the Clear Pool.

The ELL survey data indicate leakage of water from the Clear Pool may be occurring and may be the source of detected SSIs in wells adjacent to the water management facilities, specifically in the limited area around GWC-4.

4.3 Chromium at GWC-7

The concentration of chromium following the February 2025 sampling event in groundwater at GWC-7 (0.024 mg/L) is slightly above the intrawell prediction limit (0.02 mg/L), and below the MCL of 0.1 mg/L (Figure 10). The July 2025 chromium concentration was 0.023 mg/L at GWC-7 (Appendix B). There is no trend observed in the reported concentrations of chromium at GWC-7. However, Cell 1 upgradient wells GWA-16 and GWA-17 do show increasing trends. Further, the July 2025 reported concentration of chromium at monitoring well SGWA-3 upgradient of the Ash Pond unit is 0.028 mg/L, which is greater than the current PL for Cell 1 (Appendix B). As such, the reported concentration of chromium at GWC-7 is representative of natural background concentrations not accounted for in the current upgradient data set.

Review of the piper diagram (Figure 8), shows that the general chemistry at GWC-7, is similar to upgradient groundwater quality and does not suggest influence from the Cell 1 landfill unit. Concentrations of boron at GWC-7 have remained below reporting limits (less than 0.08 mg/L) and no trends are noted. Chloride concentrations in GWC-7 also remain below the interwell PL of 7.2 mg/L (Figure 12). Only calcium and chromium are present at concentrations exceeding statistical limits at GWC-7, other indicator parameters remain below statistical limits. Naturally occurring chromium is prevalent in groundwater from aquifer systems composed of ultramafic rocks, known to have elevated chromium concentrations relative to other rock types. Site-specific geologic investigations and mapping have confirmed the presence of these types of ultramafic rocks in the subsurface underlying Plant Scherer (Golder 2020). Based on these facts, the SSI of chromium at GWC-7 can be attributed to natural variations in groundwater chemistry and not the results of a release from the Cell 1 landfill unit.

4.4 Sulfate at GWC-53

An apparent SSI of sulfate was identified at GWC-53 following the February 2025 sampling event. The sulfate concentration reported at GWC-53 is within historical range of concentrations observed in adjacent and upgradient background well GWA-45. The reported concentration of sulfate at GWC-53 (190 mg/L) is less than 1 mg/L above the prediction limit (189.3 mg/L). A time series plot for sulfate concentrations at monitoring well GWC-53 is shown on Figure 11. No other indicator parameters have exceeded statistical limits at GWC-53. If the SSI of sulfate reported in well GWC-53 was due to a release from the landfill, an increase in multiple indicator parameters would be expected, but this has not been observed. As a result, the increase in sulfate concentration at GWC-53 is attributable to variations in groundwater chemistry.

4.5 Calcium at GWC-7, GWC-9, GWC-19, and GWC-20

An ASD for calcium at GWC-7, GWC-9, GWC-19 and GWC-20 was last submitted on May 1, 2025 (WSP 2025a). Calcium concentrations in February 2025 at monitoring wells GWC-7, GWC-9, GWC-19 and GWC-20 were 19 mg/L, 34 mg/L, 18 mg/L, and 18 mg/L, respectively. GWC-19 was resampled for calcium in April 2025, confirming the original results. These concentrations are within close range to their corresponding intrawell prediction limits (17.69 mg/L, 23 mg/L, 15.99 mg/L, and 17.52 mg/L, respectively). As indicated, the concentrations are only slightly elevated in comparison to their PLs. This slight variance from the PLs is indicative of site-wide changes in chemistry likely due to changes in water level or site construction.

General chemistry of wells showing SSIs for calcium are compared to upgradient groundwater monitoring wells on a piper trilinear diagram presented as Figure 8. Review of the piper diagram shows that the constituent concentrations in wells GWC-7, GWC-9, GWC-19 and GWC-20 are similar to upgradient groundwater quality and

do not indicate influence from Cell 1 or potentially PAC Ash Cell. Overall, the groundwater quality in wells GWC-7, GWC-9, GWC-19, and GWC-20 reflects metal concentrations that are less than an order of magnitude above their respective intrawell/interwell PLs and are comparable to reported background concentrations in site background wells (15 mg/L) and in the nearby Piedmont areas (USGS 2013).

Groundwater elevations in wells GWC-19 and GWC-20 have slightly declined since March 2019 (Figure 3), after the over-excavation and lining of the North Sedimentation Pond. Construction, including the addition of 2,600 feet of underdrain, also occurred at the Site. Construction of the drain, which occurred in December 2019, (Brantley 2020), corresponds to the observed increase is calcium GWC-19 and GWC-20. The decreases in groundwater levels can affect the pH and redox condition in the uppermost aquifer and, subsequently, affect the kinetics of mineral dissolution or precipitation. Groundwater elevations have declined nearly five feet in several of the Site wells (including GWC-19, and GWC-20) since 2019 (Figure 3).

4.6 Sulfate at GWC-3, GWC-6 and GWC-9

SSIs of sulfate have been identified at GWC-3, GWC-6 and GWC-9 following the February 2025 sampling event. The April 2025 resampling event confirmed concentrations of sulfate at GWC-3 and GWC-6. A time series plot for sulfate concentrations at monitoring wells GWC-3, GWC-6, and GWC-9 is shown on Figure 9. Prior ASDs for sulfate were submitted on November 22, 2024, for GWC-6 and on May 1, 2025, for GWC-3 and GWC-9.

General chemistry at GWC-3, GWC-6, and GWC-9 compared to upgradient groundwater monitoring wells is presented on a piper trilinear diagram (Figure 8). Review of the piper diagram shows that GWC-3, GWC-6 and GWC-9 concentrations are similar to upgradient groundwater quality and do not suggest influence from another source (i.e., Cell 1).

Concentration of boron, a primary indicator parameter, has remained low (0.13 mg/L or less) in groundwater from wells GWC-3, GWC-6, and GWC-9 and no trends are noted. Chloride concentrations in these wells have also remained low (7.6 mg/L or less; Figure 12). The majority of the chloride concentrations in GWC-3, GWC-6, and GWC-9 are below the interwell PL of 7.2 mg/L. Chloride concentrations in freshwater range from 1 to 100 mg/L and while there is not a health-based standard, an aesthetic drinking water criteria is established at 250 mg/L.

If the SSIs of sulfate reported in wells GWC-3, GWC-6 and GWC-9 were due to a release from the Cell 1 landfill, an increase in multiple indicator parameters would be expected, notably boron and chloride, which has not been observed. As a result, the increases in sulfate concentration at GWC-3, GWC-6, and GWC-9 are attributed to natural variations in groundwater chemistry.

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent statistical exceedances presented in the *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell*, *Permit No. 102-009D(CCR)*, dated August 29, 2025. In accordance with 40 CFR § 257.94(e) and §391-3-4-.10 of the Georgia Solid Waste Management Rules, this ASD addresses each of the SSIs noted following the February 2025 sampling and the April 2025 resampling events.

Based on the data presented herein, SSIs from the February and April 2025 monitoring/resampling events are not the result of a release of constituents from the lined Cell 1 Landfill, but rather are due to natural variability in groundwater or, changes in groundwater chemistry from lowering of groundwater elevations by construction of the

liner for the North Sedimentation Pond, and in regard to GWC-4, SSIs are due to imperfections in the Clear Pool liner and associated piping outside the Cell 1 landfill boundary. The lines of evidence include:

- An electric liner leak (ELL) detection survey was conducted on the southern half of the North Sedimentation Pond and on the Clear Pool. The ELL survey indicated anomalies in the southeastern corner of the Clear Pool that likely reflect leakage of water below the Clear Pool liners. A southern area of the surveyed portion of the North Sedimentation Pond (Appendix A) also showed minor (± 5 mV) voltage changes.
- Construction and repair of the liner of the North Sedimentation Pond in 2020 has resulted in decreased groundwater elevations in nearby wells and increased concentrations of some constituents in groundwater. The SSIs for barium, calcium, chloride, sulfate, and TDS are likely due to the construction and repair liner of the North Sedimentation Pond.
- The chemical composition of groundwater in Cell 1 wells GWC-3, GWC-6, GWC-7, GWC-9, GWC-19, and GWC-20 is similar to upgradient groundwater (Figure 8).
- Boron, a primary indicator parameter for CCR, does not exhibit an SSI at wells GWC-3, GWC-4, GWC-6, GWC-7, GWC-9, GWC-19, GWC-20, and GWC-53. Considering the lack of boron in wells showing SSI and the similar chemical composition of upgradient and downgradient groundwater, the SSIs of calcium, sulfate, and chromium in the downgradient wells at Cell 1 are due to natural variations in groundwater chemistry. Site-specific geologic investigations and mapping have confirmed the presence of ultramafic rocks in the subsurface underlying Plant Scherer that are known to have elevated chromium concentrations relative to other rock types (Golder 2020).
- The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system.

The SSIs noted above are below their MCLs and occur at low concentrations commonly observed in groundwater unaffected by landfill units. Based on the findings presented herein, the Clear Pool sump-riser and associated liner connection repairs are currently in design and procurement. Repairs are expected to be implemented in Q1 2026. Further review and investigation will be required to determine if repairs are necessary at the North Sedimentation Pond and will be evaluated following repairs to the sump-riser at the Clear Pool. Georgia Power will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell. A copy of this ASD will be included with the forthcoming Annual report.

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WSP, 2024a*. Alternate Source Demonstration, Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI), 2023 Second Semi-Annual Monitoring Event*, WSP USA Inc., April 28, 2024.

WSP, 2024b. *2024 Semi-Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell, Permit No. 102.009D(CCR)*, WSP USA Inc., August 30, 2024.

WSP, 2025a. *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell, Permit No. 102.009D(CCR)*, WSP USA Inc., August 29, 2025.

WSP, 2025b. *Hydrogeologic Assessment Report, Plant Scherer - Ash Pond* 1 (AP-1)*,* WSP USA Inc., September 2025.

WSP, 2025c. *2024 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell, Permit No. 102.009D(CCR)*, WSP USA Inc., January 31, 2025.

Table & Figures

TABLE 1
SUMMARY OF STATISTICALLY SIGNIFICANT INCREASES
2025 FIRST SEMI-ANNUAL EVENT
Georgia Power Company - Plant Scherer
Monroe County, Georgia

Constituent	Units	Well ID	Intrawell Prediction Limit	Interwell Prediction Limit	Concentration (mg/L)		ASD Previously Submitted
					February 2025	April 2025	
CELL 1							
Barium	mg/L	GWC-4	0.05318	0.051	0.15	0.19	Yes[1]
Calcium	mg/L	GWC-4	17.6	15	46	60	Yes[1]
Calcium	mg/L	GWC-7	17.69	15	19	NA	Yes[1]
Calcium	mg/L	GWC-9	23	15	34	NA	Yes[1]
Calcium	mg/L	GWC-19	15.99	15	18	20	Yes[1]
Calcium	mg/L	GWC-20	17.52	15	18	NA	Yes[1]
Chloride	mg/L	GWC-4	16.42	7.2	28	45	Yes[1]
Chromium	mg/L	GWC-7	0.02	0.012	0.024	NA	Yes[1]
Selenium	mg/L	GWC-4	0.005	0.005	0.0076	0.0091	No
Sulfate	mg/L	GWC-3	1.1	3.6	20	18	Yes[1]
Sulfate	mg/L	GWC-4	6.288	3.6	150	180	Yes[1]
Sulfate	mg/L	GWC-6	22.26	3.6	30	38	Yes[2]
Sulfate	mg/L	GWC-9	18.9	3.6	19	NA	Yes[1]
Total Dissolved Solids	mg/L	GWC-4	178.1	136.9	350	470	Yes[1]
PAC ASH CELL							
Sulfate	mg/L	GWC-53	189.3	180	190	NA	No

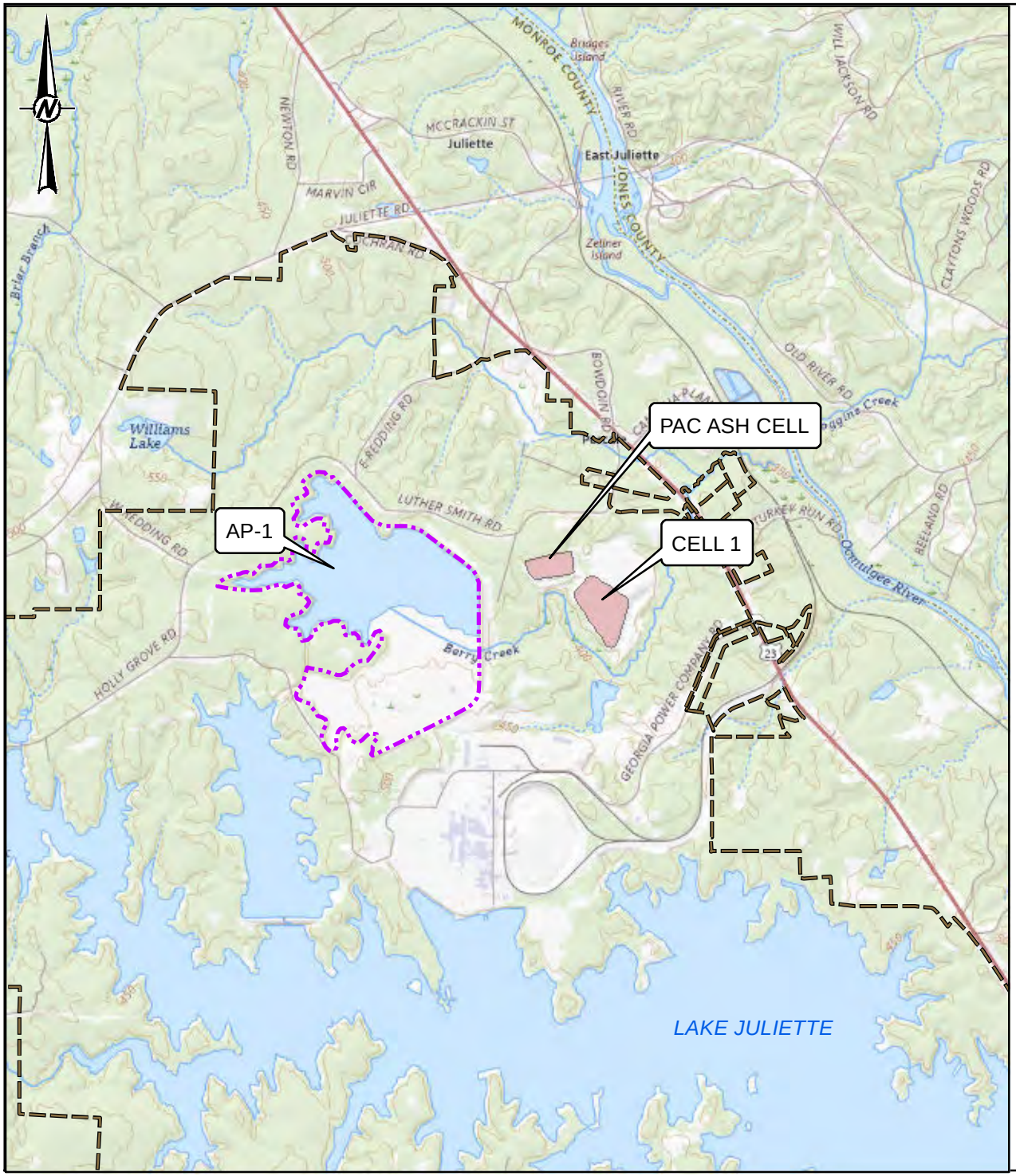
Notes:

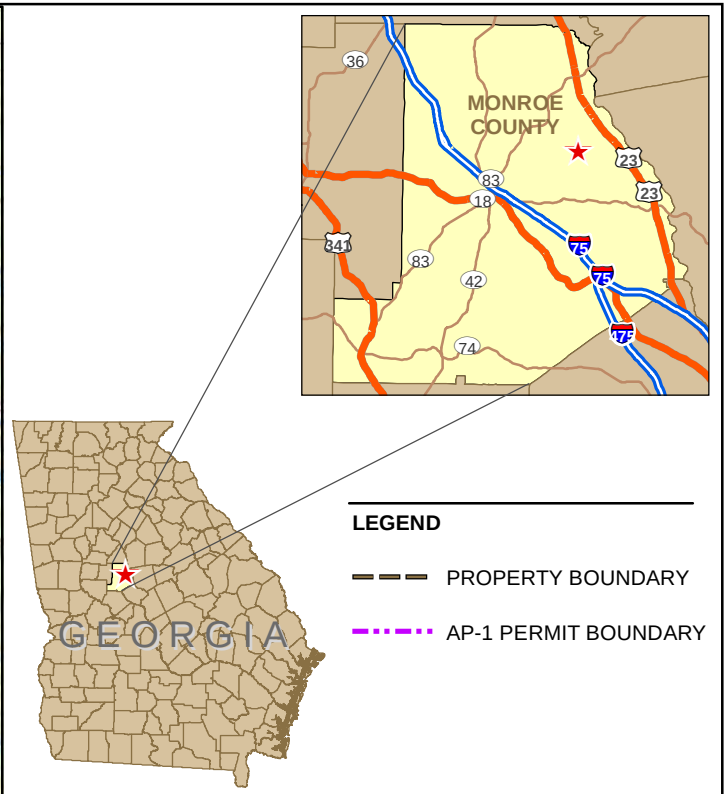
[1] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2024 Second Semi-Annual Monitoring Event, May 01, 2025 (WSP, 2025).

[2] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2024 First Semi-Annual Event, November 22, 2024 (WSP, 2024).

mg/L - milligrams per liter

NA - Not Analyzed





LEGEND

PROPERTY BOUNDARY

AP-1 PERMIT BOUNDARY

Service Layer Credits: USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset,

0 4000 8000

Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE
SITE LOCATION MAP

CONSULTANT

YYYY-MM-DD	2024-10-24
PREPARED	RHG
DESIGN	DLP
REVIEW	DLP
APPROVED	RNQ

PROJECT No.
31406440.022

FIGURE
1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM: ANSI A

LEGEND

- SCHERER ASH POND-CCR MONITORING WELL
- CELL 1 LANDFILL MONITORING WELL
- PAC ASH LANDFILL MONITORING WELL
- CELL 3 MONITORING WELL
- PIEZOMETER
- ASSESSMENT MONITORING WELL
- INFERRED POTENTIOMETRIC SURFACE CONTOUR (FT-NAVD 88)
- STREAM
- EXISTING TOPOGRAPHY
- PONDS

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED FEBRUARY 18, 2025 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. **DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.**

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 03/2025.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.

0 250 500 1,000 Feet

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GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1 AND PAC ASH CELL (FEBRUARY 18, 2025)

CONSULTANT

wsp

YYYY-MM-DD	2025-09-25
DESIGNED	RHG
PREPARED	JTB
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO. 31406440.022

FIGURE 2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

0 1in

Figure 3**a**

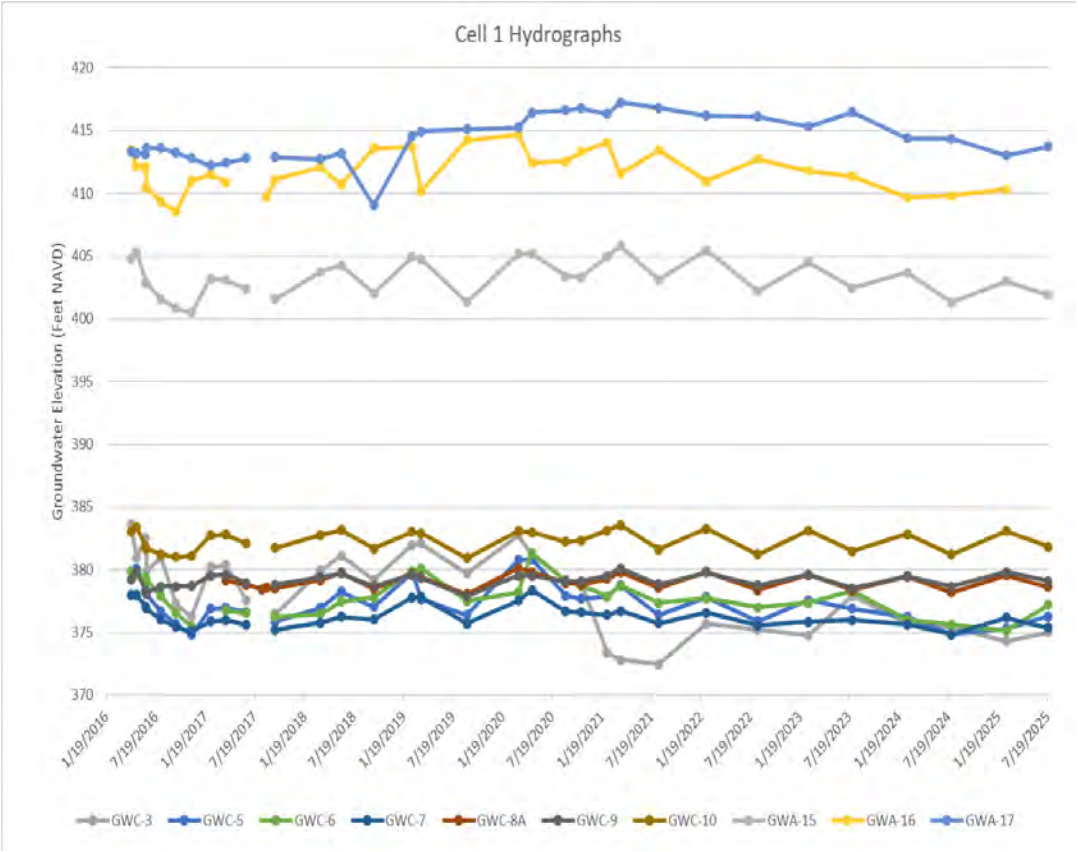
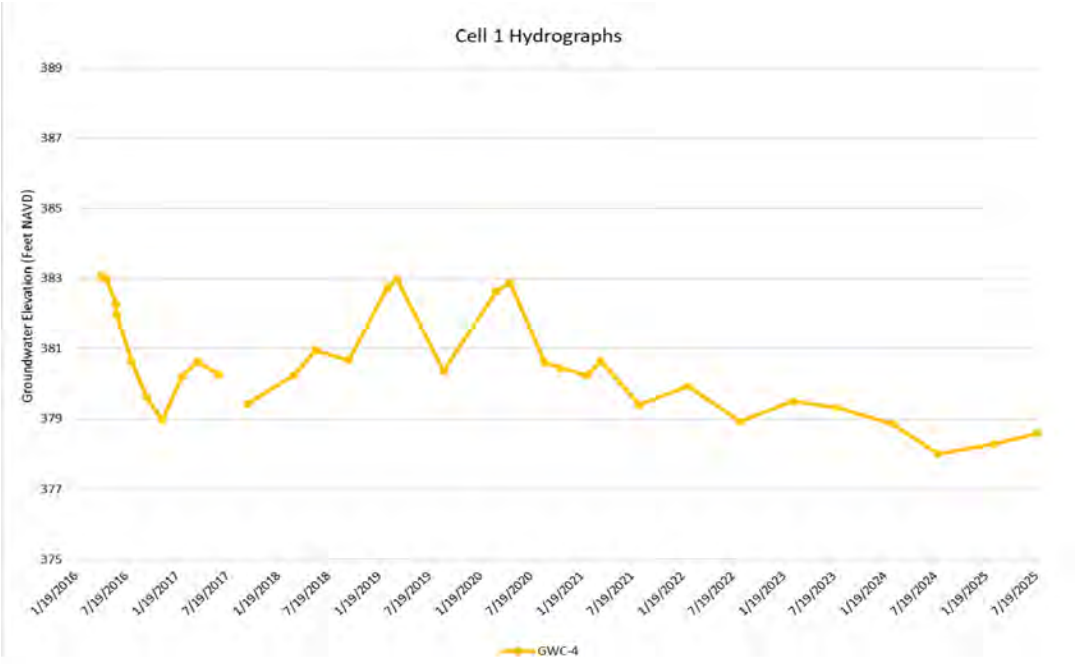


Figure 3**b**



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MONROE COUNTY, GEORGIA

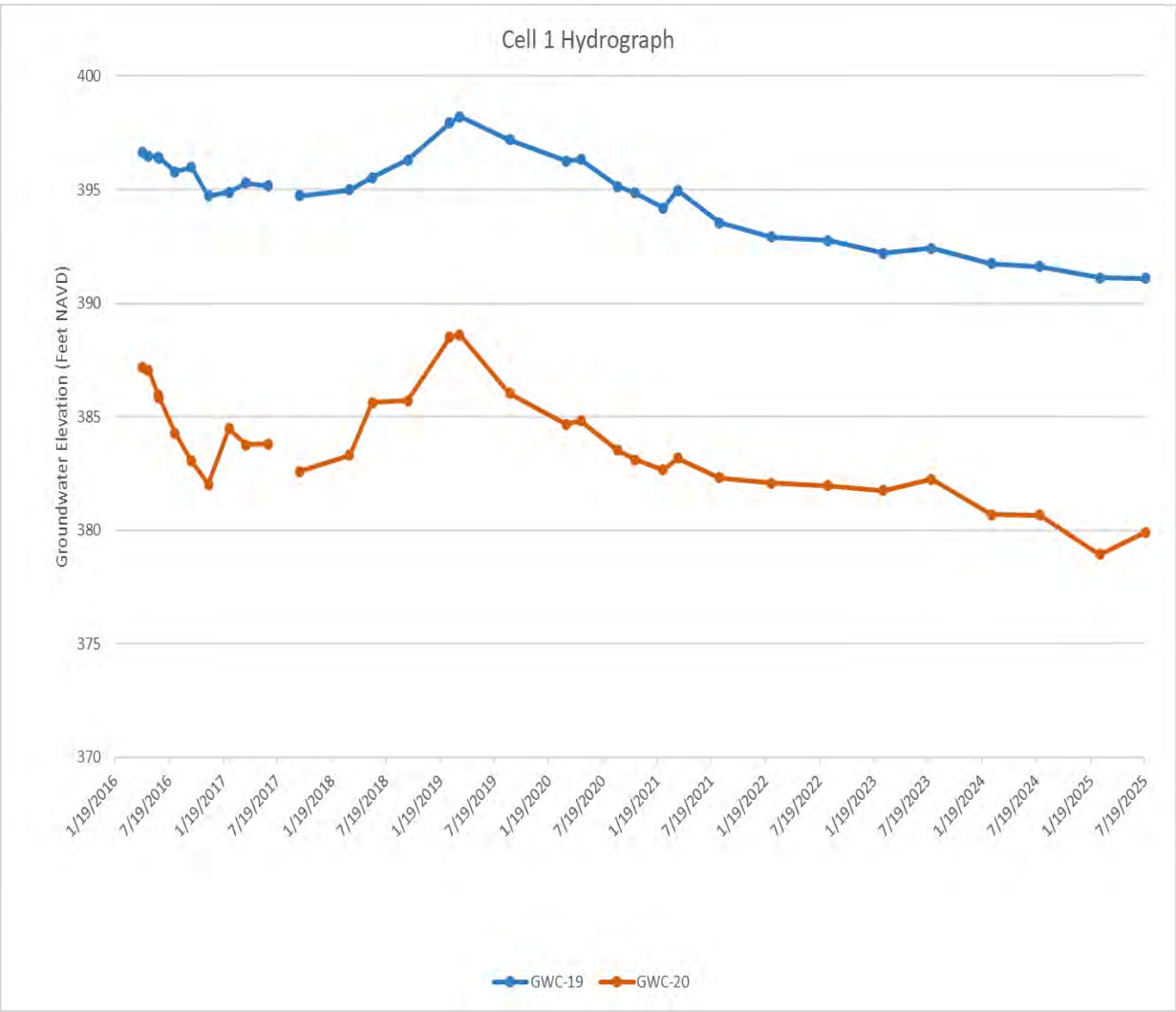
CONSULTANT
wsp

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE
CELL 1 HYDROGRAPHS

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	3

Figure 3c



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CONSULTANT
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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE
CELL 1 HYDROGRAPHS

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	3

Figure 4a

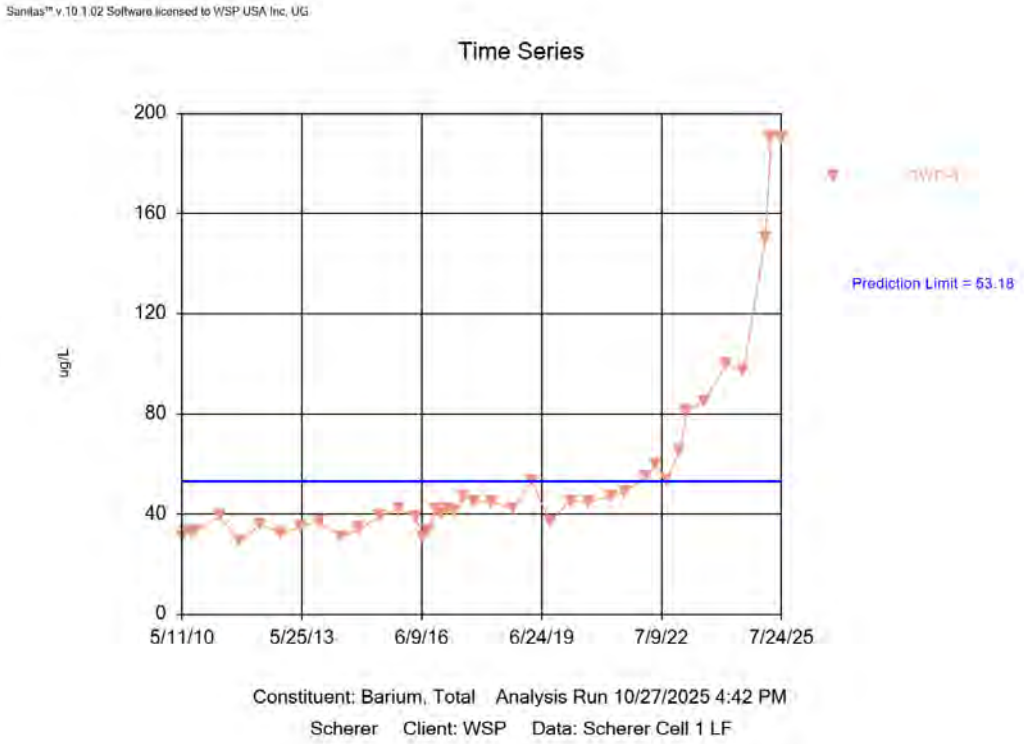
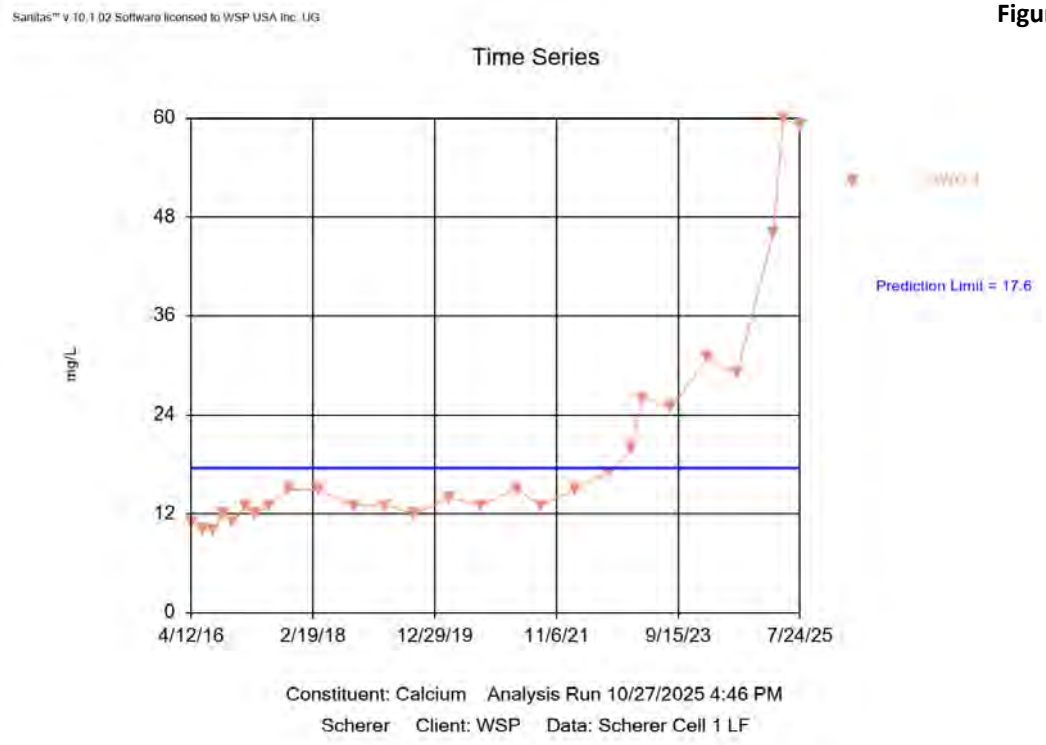


Figure 4b



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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE

BARIUM AND CALCIUM IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	4

Figure 5a

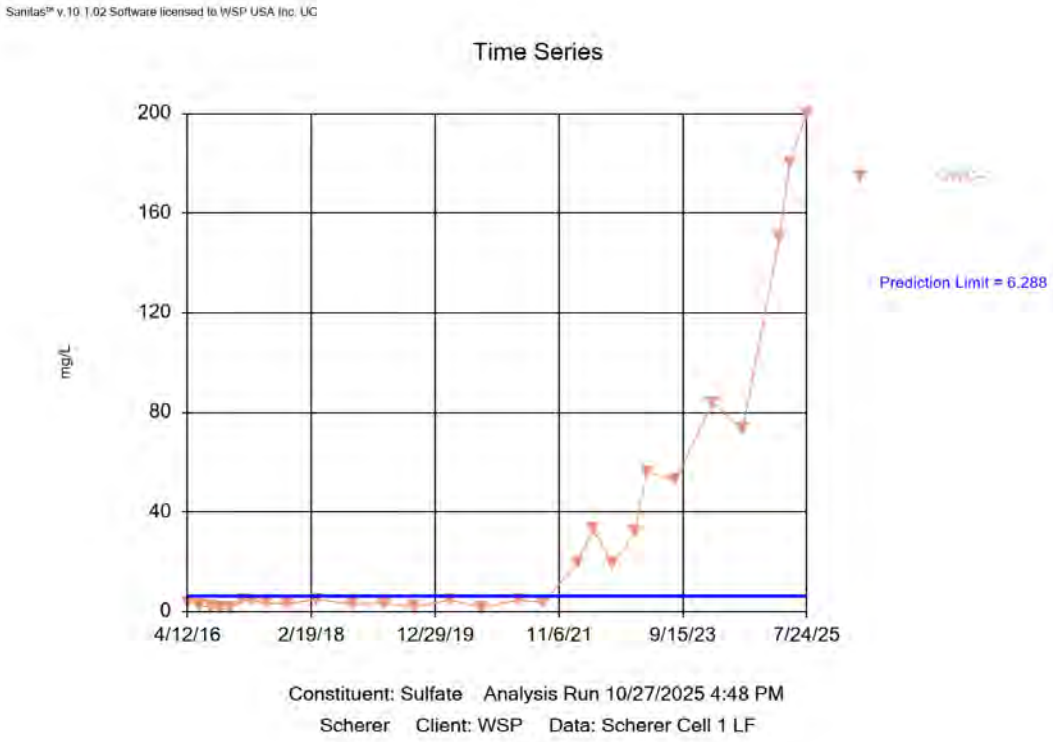
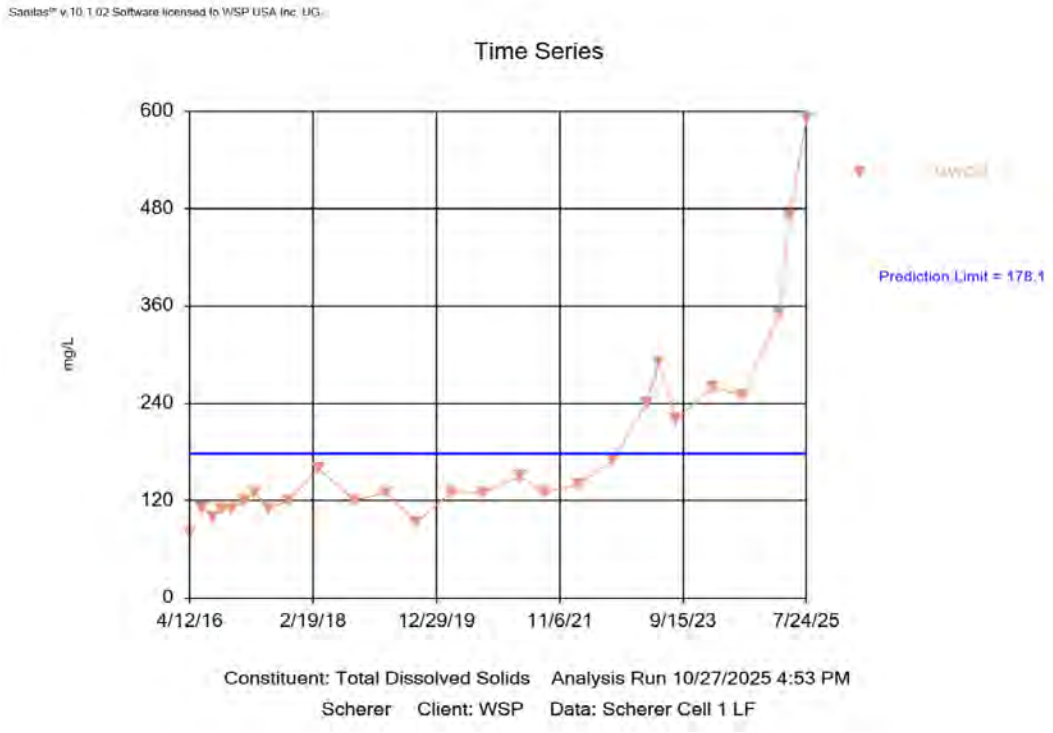


Figure 5b



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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE

SULFATE AND TDS IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	5

Figure 6**a**

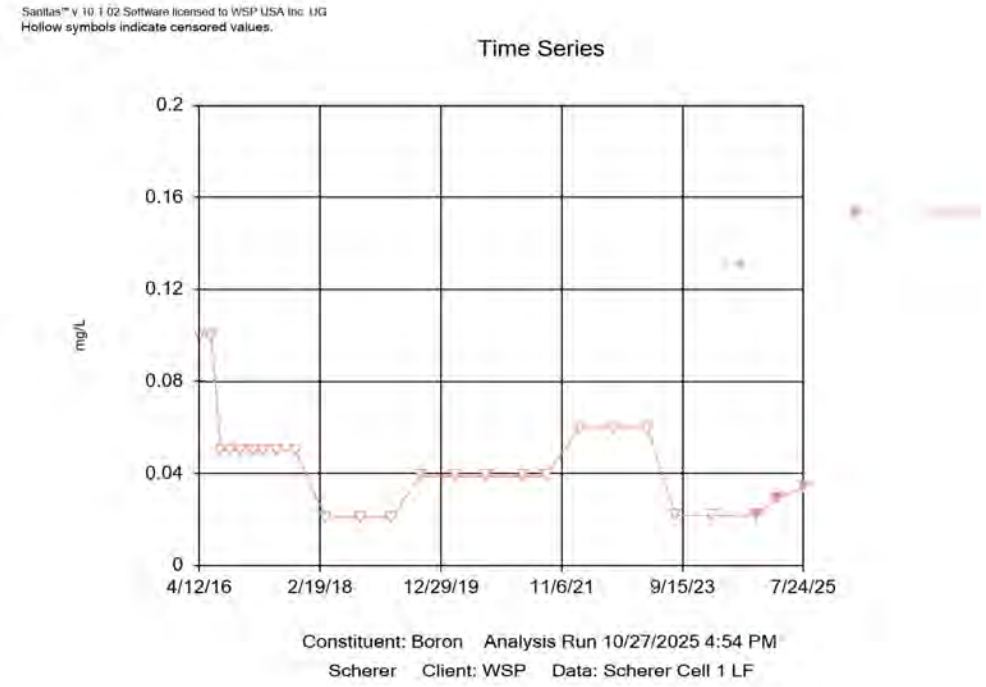
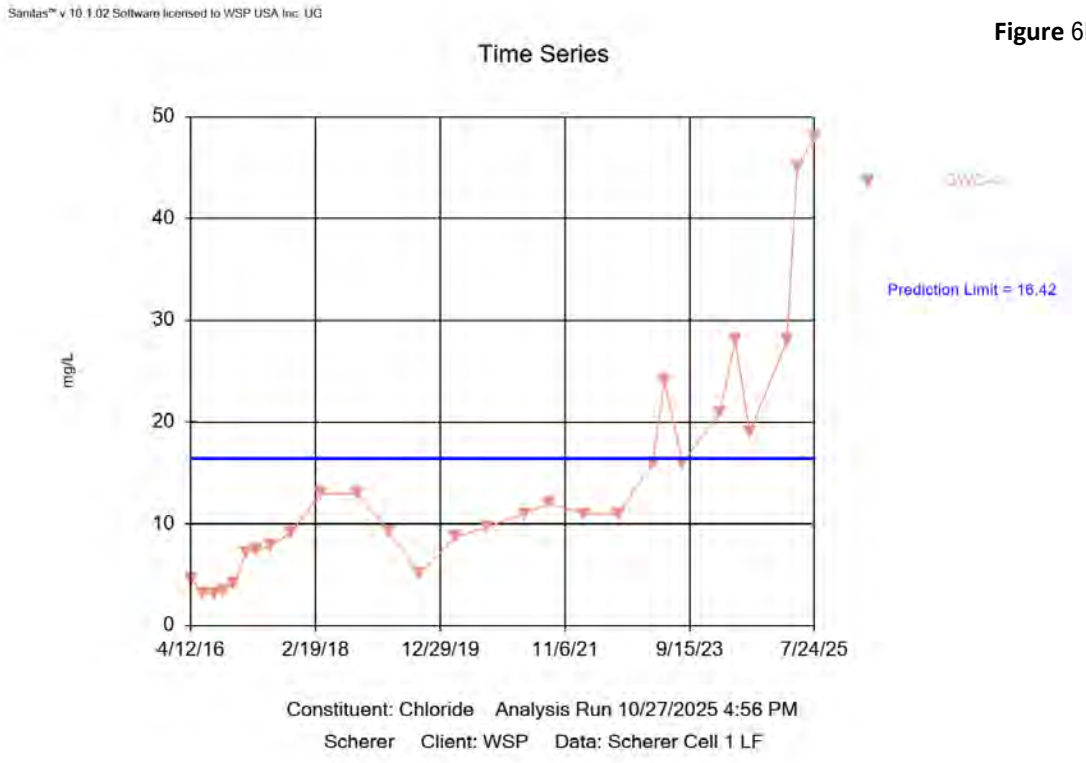


Figure 6**b**



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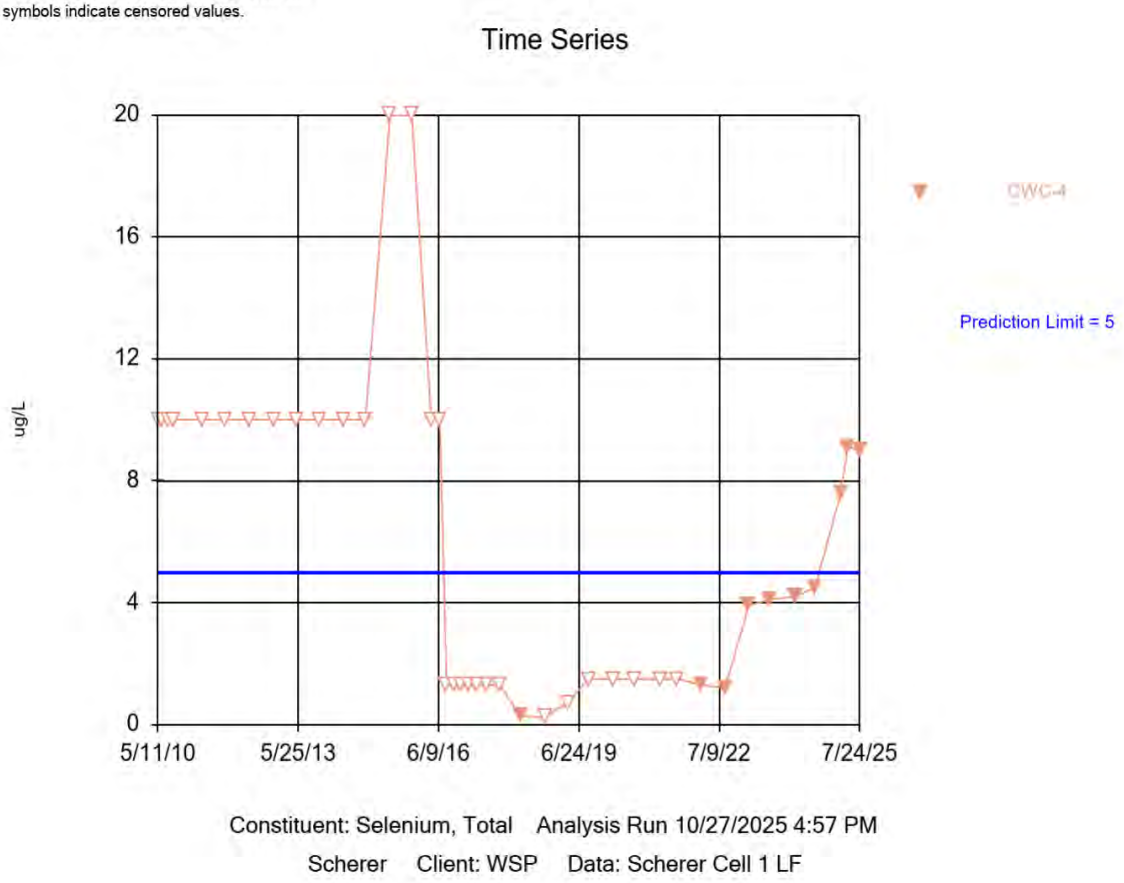
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE

BORON AND CHLORIDE IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	6

Sanitas™ v.10.1.02 Software licensed to WSP USA Inc. UG
Hollow symbols indicate censored values.



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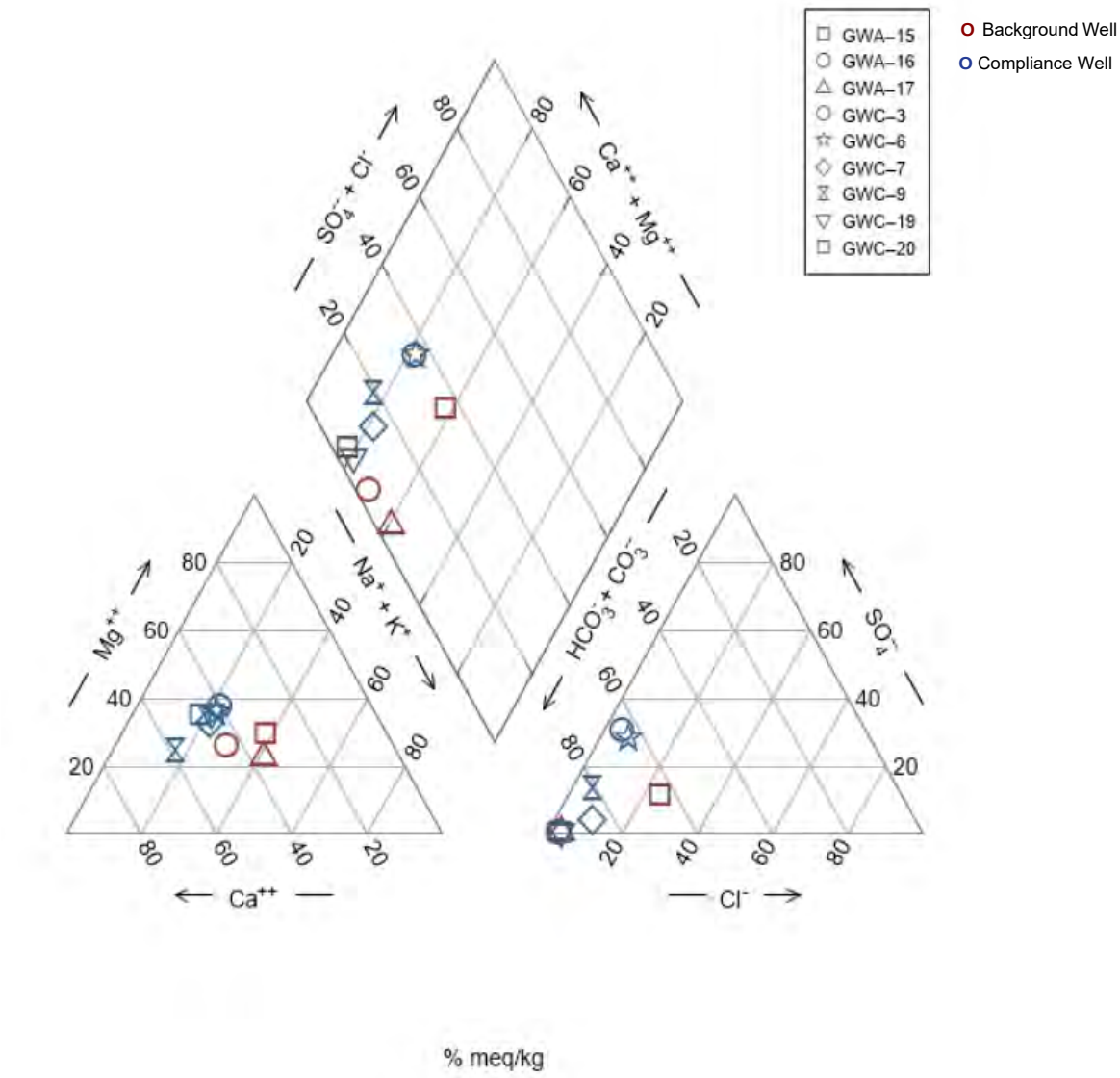
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE

SELENIUM IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	7



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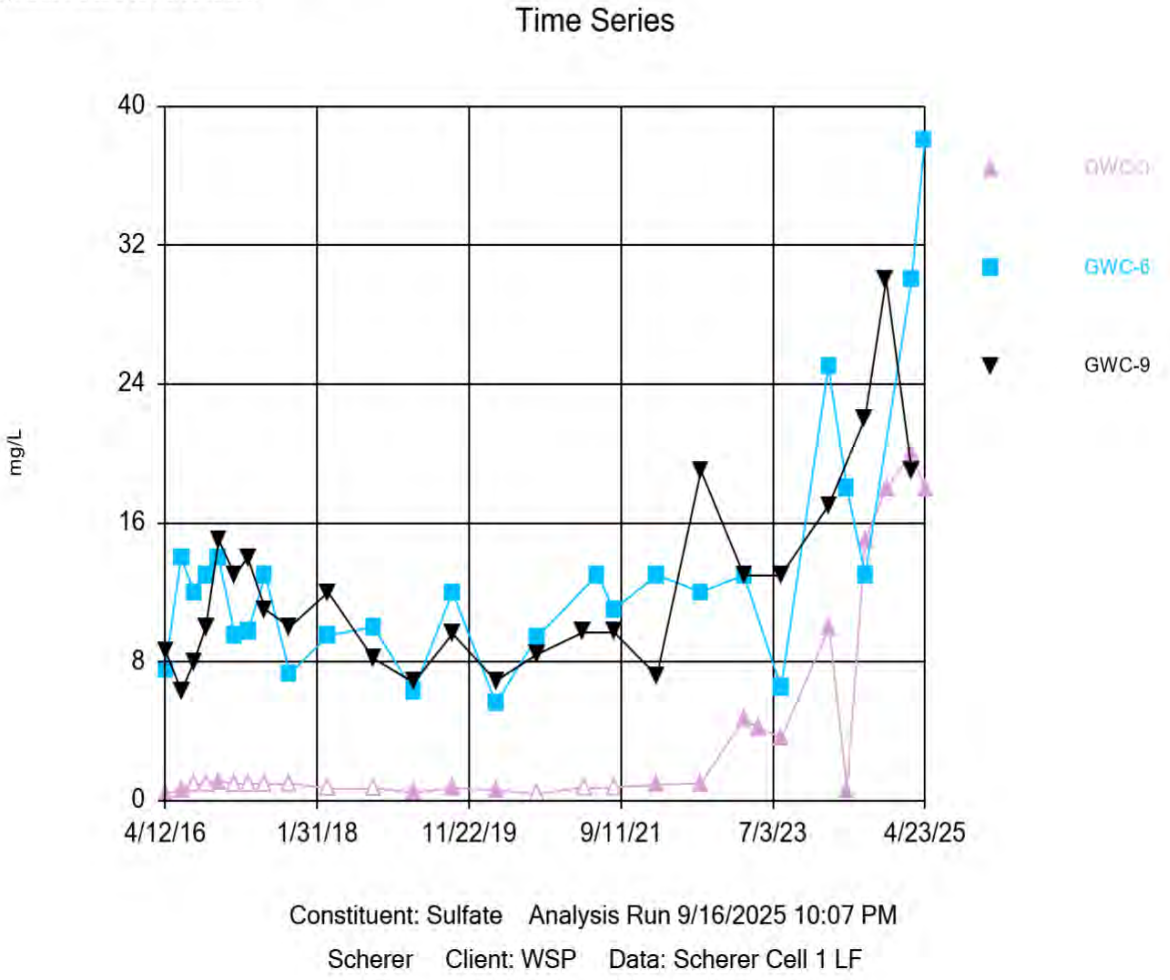
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE
GWC-3, GWC-6, GWC-7, GWC-9, GWC-19, GWC-20, AND UPGRADIENT GROUNDWATER CHEMISTRY PIPER TRILINEAR DIAGRAM

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	8

Sanitas™ v.10.0.27 Software licensed to WSP USA Inc. UG
Hollow symbols indicate censored values.



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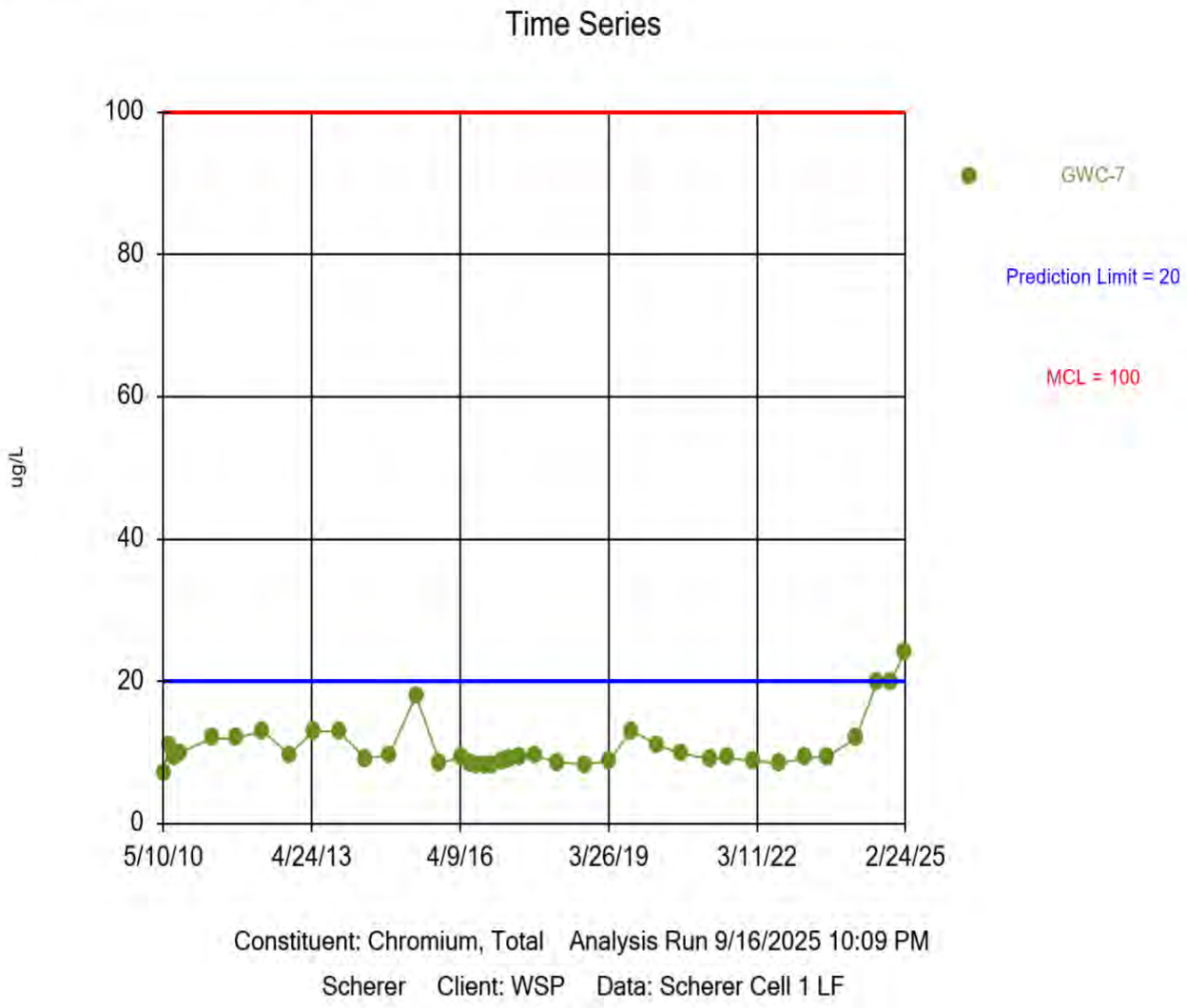
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE
SULFATE IN GROUNDWATER AT GWC-3, GWC-6 AND GWC-9

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	9

Sanitas™ v.10.0.27 Software licensed to WSP USA Inc. UG



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ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE

CHROMIUM IN GROUNDWATER AT GWC-7

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	10

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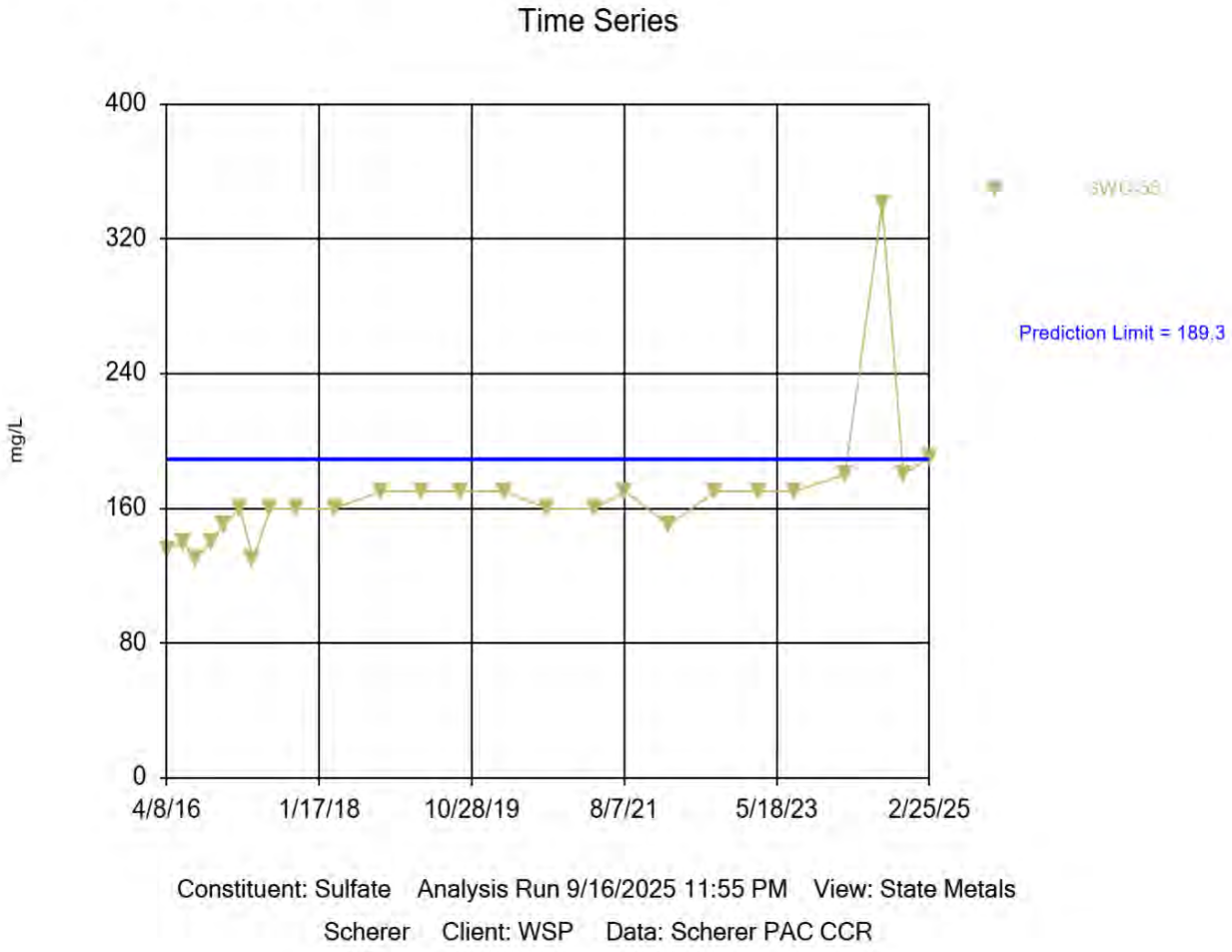

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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE

SULFATE IN GROUNDWATER AT GWC-53

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	11

Figure 12a

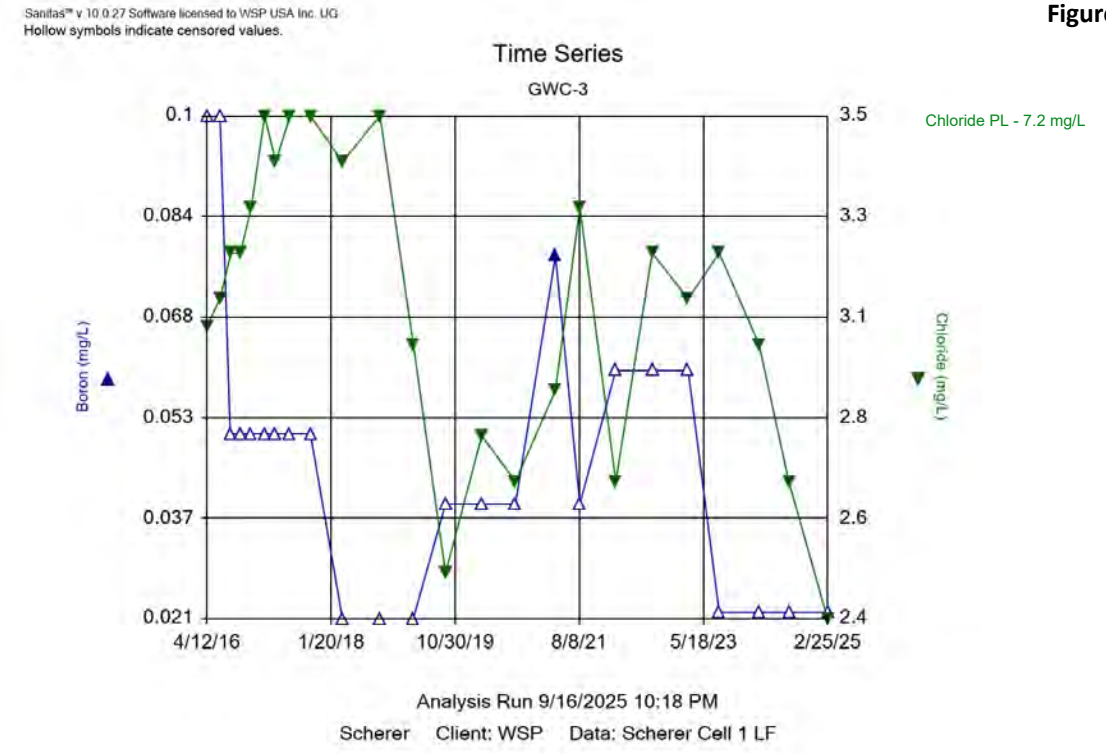
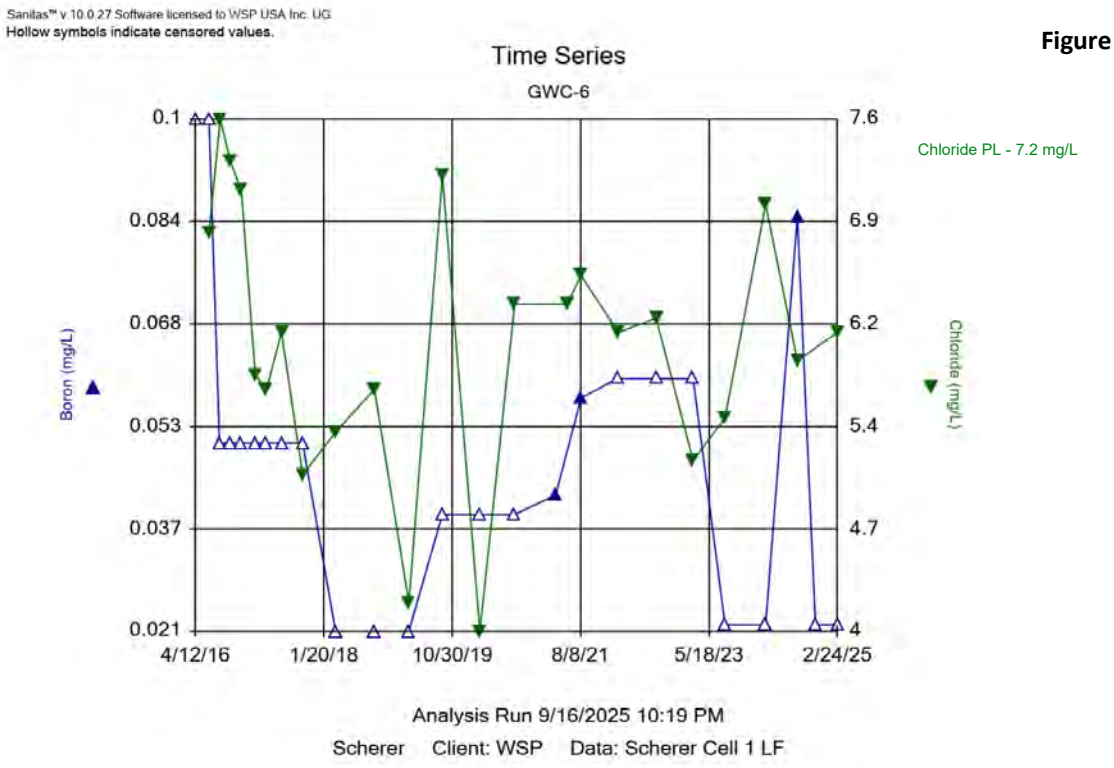


Figure 12b



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MONROE COUNTY, GEORGIA

CONSULTANT

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE
BORON AND CHLORIDE IN GROUNDWATER AT GWC-3, GWC-6, GWC-7, GWC-9, GWC-19, AND GWC-20

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	12

Figure 12c

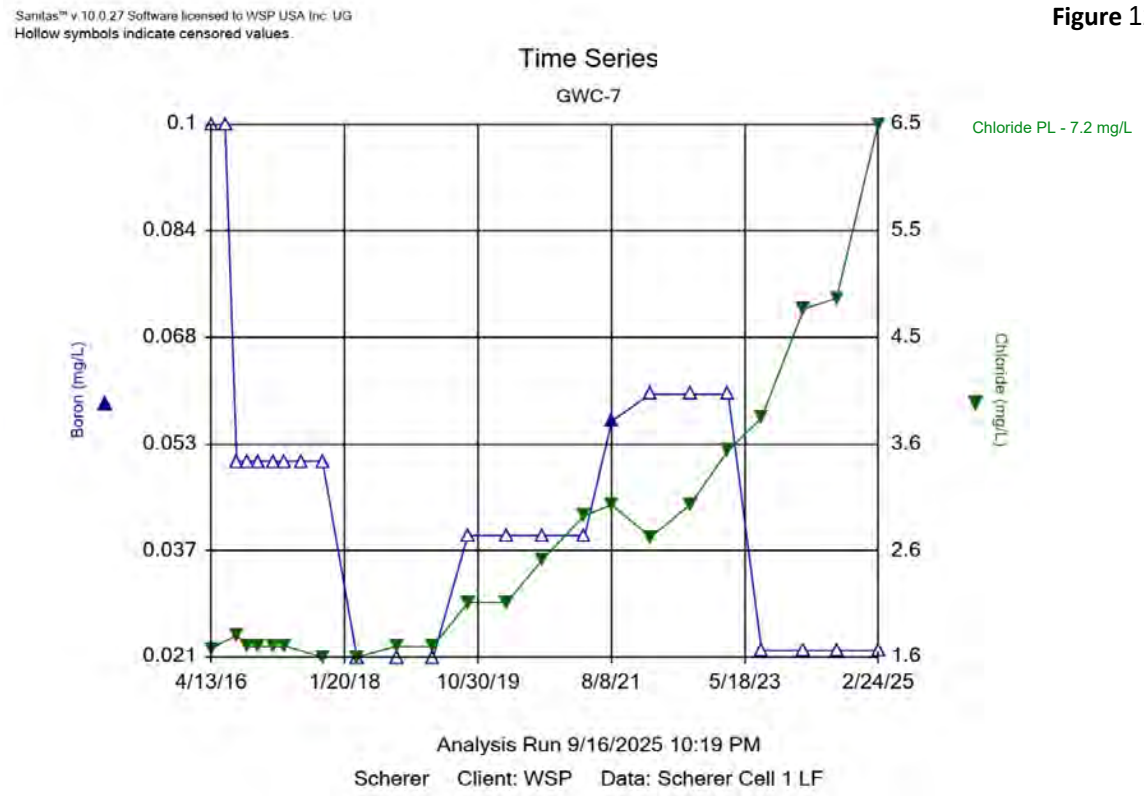
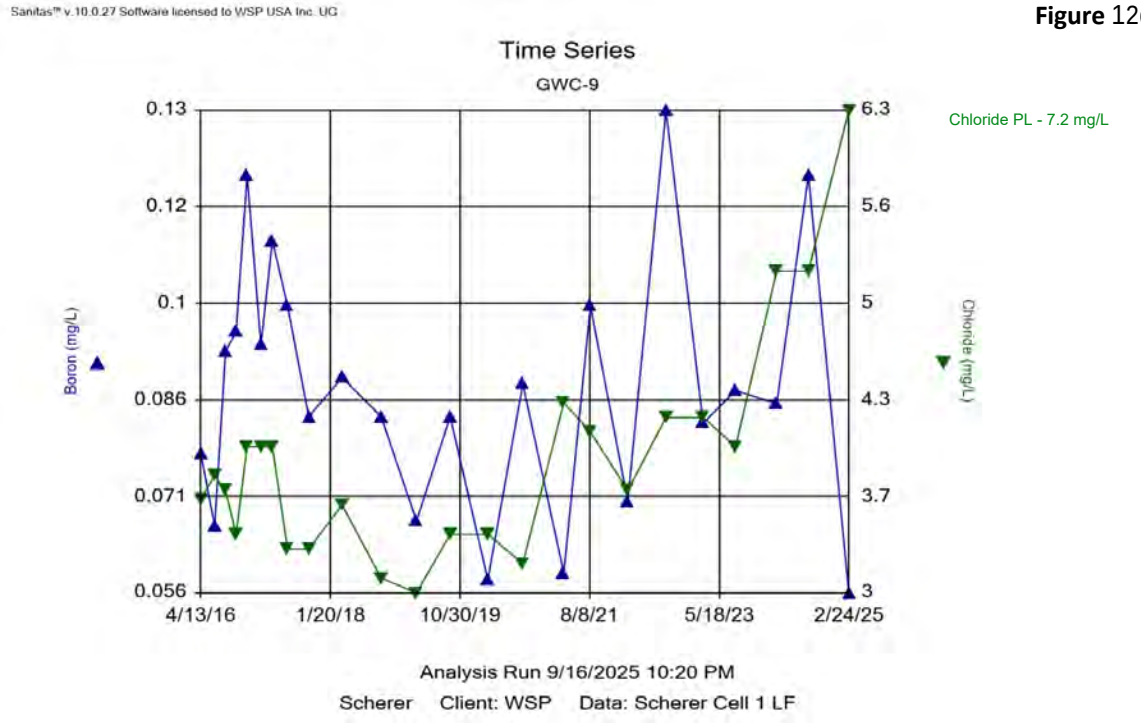


Figure 12d



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MONROE COUNTY, GEORGIA

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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE
BORON AND CHLORIDE IN GROUNDWATER AT GWC-3, GWC-6, GWC-7, GWC-9, GWC-19, AND GWC-20

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	12

Figure 12e

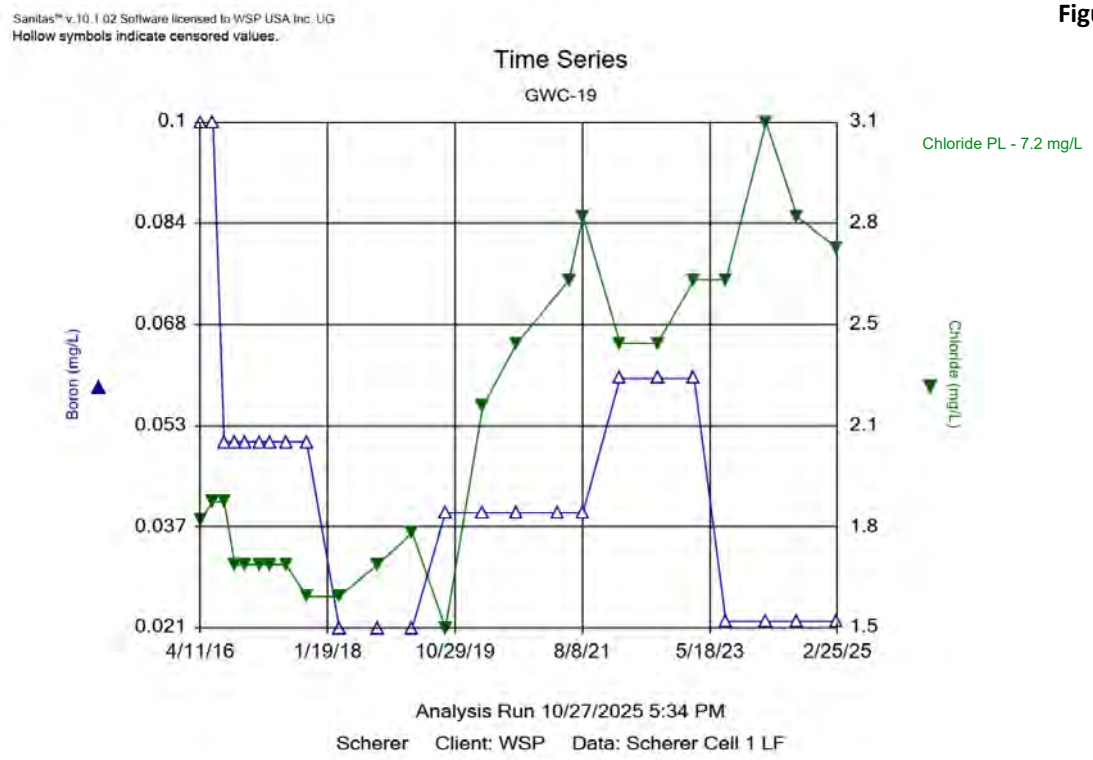
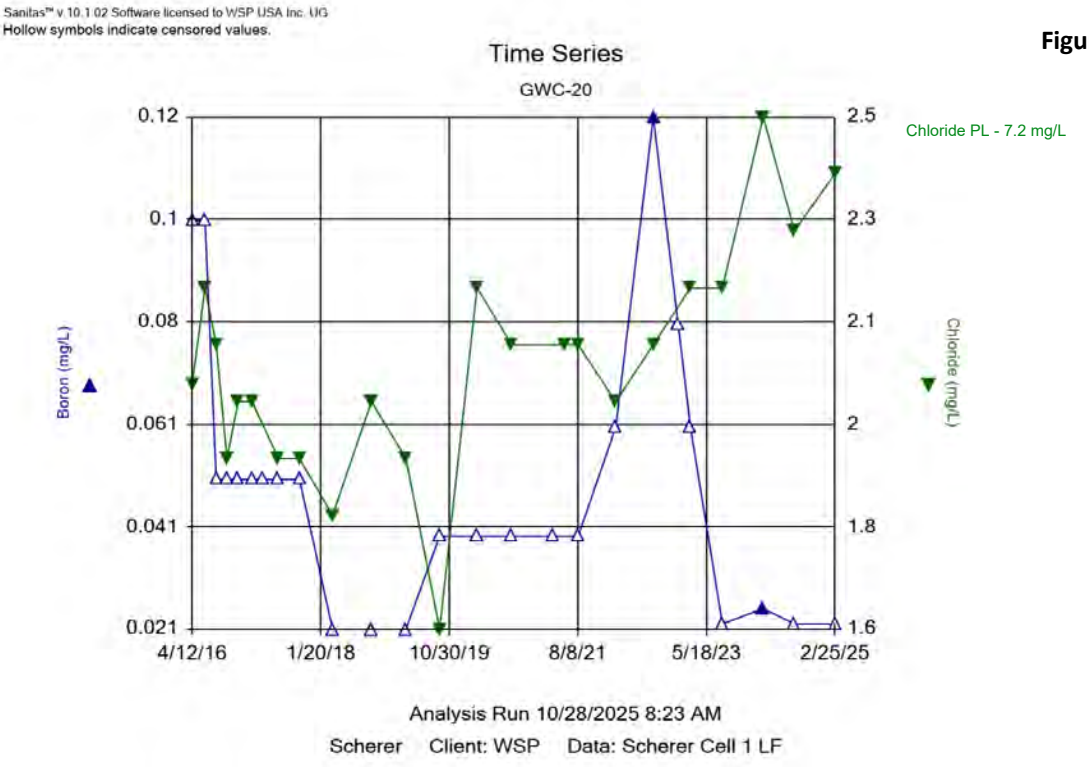


Figure 12f



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ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2025 FIRST SEMI-ANNUAL EVENT

TITLE
BORON AND CHLORIDE IN GROUNDWATER AT GWC-3, GWC-6, GWC-7, GWC-9, GWC-19, AND GWC-20

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	12

APPENDIX A

Technical Report Electric Liner Leak Detection Survey

Georgia Power Company – Plant Scherer

Technical Report
Electric Liner Leak Detection Survey
Juliette, GA

Prepared For:

Southern Company Services, Inc.

Project: 07112025-01

Prepared By:
Nova Geotechnologies, LLC and GFT Infrastructure
September 8th, 2025
Revised November 19th, 2025

Report Status:
Final

Table of Contents

1. Project Introduction 3
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3. Site Description 5
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6. Results & Interpretation 13
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Figure 2 – Clear Pool Voltage Contour Map - Interstitial to Primary Liner (Primary Liner 08/27/2025)
Figure 3 – Clear Pool Voltage Contour Map - Subgrade to Interstitial (Secondary Liner 08/26/2025)
Figure 4 – North Sedimentation Pond Voltage Contour Map - Interstitial Layer to Primary Liner (Primary Liner 8/28/2025)
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List of Appendices

Appendix A – Locations of Dipoles/Anomalous Areas for Further Investigation

1. Project Introduction

In July 2025, Southern Company Services, Inc. (SCS) requested that a detailed geophysical study be conducted to evaluate potential liner defects in water filled portions of the North Sedimentation Pond (southern half only) and Clear Pool connected to Landfill Cell #1 at Plant Scherer in Juliette, Georgia. Between August 25th and August 28th, 2025, an electric liner leak (ELL) geophysical survey was performed to investigate potential defects in the secondary and primary liners of the North Sedimentation Pond and Clear Pool. **Figure 1** shows the locations of the Clear Pool and North Sedimentation Pond.

Prior to commencing the ELL surveys, staff from Georgia Power Company (GPC) performed containment and isolation activities to suppress water flow and electrical noise in the study areas. These activities are conducted in attempts to isolate signals potentially associated with liner defects and reduce erroneous sources of electrical noise that would interfere with the ELL survey. Weather conditions during the survey were moderate with temperatures generally between 70°F and 90°F during the survey. No precipitation or electrical storms took place during the survey.

To complete this study, an ELL survey was conducted by Nova Geotechnologies, LLC. (Nova) and GFT, Infrastructure (GFT). The field team for the survey was Michael Zanaty (Nova) and Chris Bryant (GFT). ELL data was electronically transmitted daily to remote Nova staff for same day or overnight initial processing. This process was implemented to provide preliminary quality control (QC) data and to ensure adequate data collection and density.

2. Survey Objectives

The purpose of this geophysical survey was to identify if defects exist within the Clear Pool or the southern portion of the North Sedimentation Pond for both the primary (top liner) and the secondary liners (lower liner). To prepare for the survey, an initial site visit was conducted with Southern Company Services/Georgia Power on August 4, 2025. This meeting was conducted to: (1) ensure the feasibility of conducting an ELL survey at these facilities, (2) ensure plant personnel understood the methodology of the ELL process, (3) ensuring water levels would be down to recommended levels (6 in – 1 ft), and (4) ensure electrical isolation could be achieved.

3. Site Description

This survey was performed at Georgia Power's Plant Scherer located in Juliette, GA. To the east of the Clear Pool is the pump station for the ponds. The liner system used for the construction of the ponds is a double layer of High-Density Polyethylene (HDPE). The primary and secondary liners are constructed with an interstitial layer separating the two, with a leakage detection sump drainpipe (Drawing H1C11005B) that allows the site to pump fluids out of the interstitial zone. Under the secondary HDPE layer is a 24" compacted clay/silt liner that is free of any debris that could puncture or damage the Geo Synthetic Clay Liner (GCL) and or HDPE liner as is noted as the subgrade. The area surveyed for the Clear Pool is 19,335 ft^2 and the area surveyed for the North Sedimentation Pond is 26,642 ft^2. The water coverage in the Clear Pool was roughly 6-in to 2-ft deep and the depth of water in the North Sedimentation Pond was roughly 5-ft.

4. Survey Methodology

Prior to commencing the ELL surveys, staff from Georgia Power Company (GPC) performed containment and isolation activities to stop water flow and isolate electrical noise in the study areas. Containment and isolation activities make sure the applied test current stays within the lined area and the water coverage is uniform. Thus, with proper containment and isolation, anomalies measured can be confidently attributed to liner defects rather than external shorts or bypass paths. ASTM D8265-23 and ASTM D7007-24 detail that the following isolation and containment steps be taken prior to implementing the ELL survey:

1. Electrical Isolation

- **Grounding control**: Ensure that conductive structures (pipes, rebar, risers, anchors) are isolated or accounted for, since they can drain current away.
- **Perimeter isolation**: If the liner is in contact with conductive soils at its edges, trenches or insulation barriers may be installed to prevent leakage of survey current.
- **Power isolation**: Turn off or disconnect site electrical equipment that could introduce noise.

2. Water Containment

- **Containment of applied water**: Prevent water from escaping test areas through seams, drains, or sumps during testing that could be a source of leaking current.
- **Temporary pumping**: Install sumps or pumps to keep the test area water-covered but not overtopped.

The site had excellent electrical isolation during the Clear Pool ELL survey. A bladder was installed into the pipe culvert section between the North Sedimentation Pond and the Clear Pool and a bladder was installed in the pipe culvert between the South Sedimentation Pond and the Clear Pool. Site personnel added a second bladder in the Clear Pool to South Sedimentation Pond pipe culvert section due to water leakage thus not allowing electrical isolation. In addition, solar panels, pumps, and associated piping were disconnected or removed from the survey areas to allow for further electrical isolation.

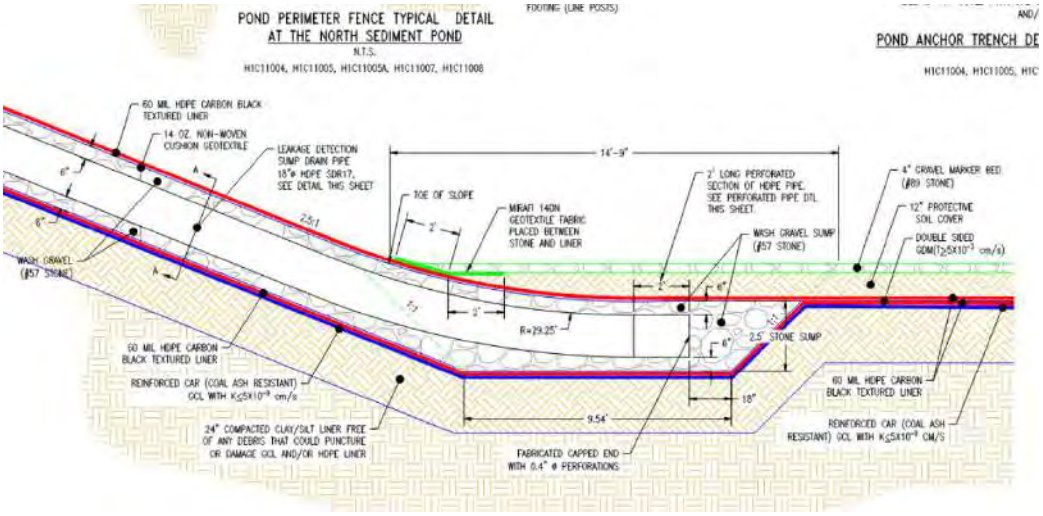
The geophysical method used for this survey was an Electric Liner Leak (ELL) setup and survey was performed to ASTM standards, ASTM D8265-23 and ASTM D7007-24. Using ELL survey skids constructed by Nova (**Inset 1**), non-polarizing $CuSo^4$ half-cells (6A manufactured by Tinker and Rasor)

were spaced less than 5 ft apart, saturated with $CuSO^4$ and distilled water, and capped with watertight caps (Tinker and Rasor W-7 waterproof adapters). Two types of voltage measurement devices (Fluke model 117 multimeter and a Mooshimeter wireless multimeter) were used to display the voltage between the 2 half cells and was mounted to the ELL survey skids, this multimeter data was recorded in Millivolts direct current (mV DC). Positioning data was collected using Emlid Reach RS3 GPS systems following a grid pattern in a north to south orientation for the Clear Pool and east to west for the North Sedimentation Pond.

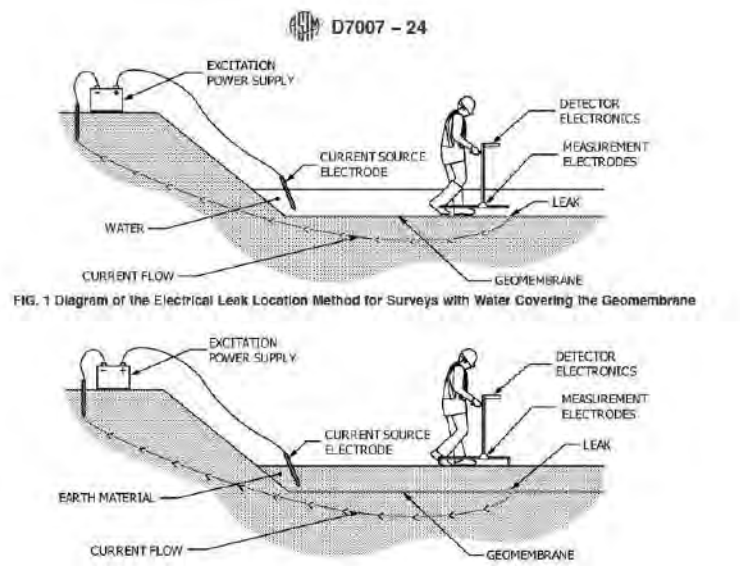
Inset 1. Skid Made by Nova Geotechnologies.

QA/QC methods following ASTM standards D7007-24 and D8265-23 were conducted every day and before and after every survey to ensure that the instruments used were still working appropriately. The QA/QC procedures ensured that each half cell used contained the proper amount of $CuSO^4$ and water prior to surveying. In addition, prior to surveying the field crew verified continuity from the half-cell to Fluke model 117 meter (resistance less than 5k ohms confirmed circuit). The field team also collected calibration points with GPS (both skids/meters) prior to and after each survey (per survey – defined as test of each liner system) to be used for comparing meters readings and leveling between meters if needed. Visual inspection of the ponds was completed before each survey to ensure electrical isolation. During the North Sedimentation Pond ELL survey, the field team could not confirm electrical isolation due to water level obscuring the bladder and pipe culvert installed between the pipe culvert section between the North Sedimentation Pond to the Clear Pool (Drawing H1C11017) and the high-water level obscuring the pipe.

GFT used an Allied Geophysical High Voltage Power Supply to induce voltage into a electrode placed under the secondary liner into the subgrade, below the secondary HDPE layer and then into the interstitial layer (current source electrode), via the leakage detection sump drainpipe, to survey the secondary liner. (**Inset 2**) Then to survey the primary liner the electrodes were moved from the subgrade into the water in the Clear Pool/ North Sedimentation Pond (current source electrode) and the interstitial layer electrode was left in place (**Inset 3**).



Inset 2. Schematic of the sump drainpipe and liners leading into the North Sedimentation Pond.



Inset 3. Diagram of the Electrical Leak Location Method for Surveys with Earthen Material Covering the Geomembrane (ASTM_7CD7007-24_7Cen-US)

Fiducial measurements were collected using the Emlid Flow App to collect the GPS point and voltage readings were input in the description field. The measurement tools used were a Mooshimeter for one skid and a Fluke model 117 for the other skid, an Allied Associates Geophysical Ltd – High Voltage Power Unit to induce voltage into the 36” stainless steel electrodes that were placed in the interstitial zone and either under the secondary liner (subgrade) or on top of the primary liner (in the pool/pond water on top of the primary liner).

5. Data Acquisition and Processing

Data acquisition procedures in the Clear Pool and the North Sedimentation Pond varied due to the water levels that could be established by plant personnel. The Clear Pool had a sump pump (pumping about 50gpm) which was removed for the survey. The water was drained from the sump and piping down to about 1 ft (**Inset 4)** in the Clear Pool, whereas the North Sedimentation Pond did not have an active pump in it as this Pond is only used for overflow. The North Sedimentation Pond could not be drained below the bottom of the pipe culvert that connects the Clear Pool to the North Sedimentation Pond.

There was an attempt to keep data density high and spacing consistent across the two ponds. In the Clear Pool, a spacing of about 5 ft (~ half-cell separation on skid) was used between north – south transects. Through this transect spacing a grid of data was acquired for both surveys performed in the Clear pool. In the North Sedimentation Pond an ELL survey skid was attached to the boat, because of wind and length of transects, these transects complicated the spacing of transects and data acquired (**Inset 5)**. Once the first data collection process was finished the positioning data was reviewed and if any areas that were not sufficiently covered were then filled in with additional ELL data.

Inset 4. Clear Pool Survey Data acquisition depth of 1 – 2 ft.

Inset 5. Fluke model 117 attached to skid attached to boat for surveying the North Sedimentation Pond.

ASTM standards document D7007-24 "Standard Practices for Electrical Methods for Locating Leaks in Geomembranes Covered with Water or Earthen Materials" section 5.3 covers various QA/QC procedures to verify the instruments were working properly, that voltage was flowing to assess the liner, and there was continuity in the power supply and between the measurement electrodes on the survey skids. Calibration measurement locations were installed for each pond/pool and were surveyed before and after each survey where two ELL survey skids were utilized in parallel with the survey direction decided for the pond (East-West for the North Sedimentation Pond and North-South for the Clear Pool).

ELL data recorded in data loggers (EMLID Reach RS3) were exported to csv and initially processed in excel. Raw files were preserved in a "raw file folder". Raw data files were merged into a single csv file for the Clear Pool where multiple data loggers were used. For the North Sedimentation Pond, this was not necessary as only a single data logger was used.

For the Clear Pool, a QC test point was utilized to level voltage readings between the Mooshimeter and the Fluke 117 multimeter. QC corrections were applied to Mooshimeter readings to scale readings to that of the Fluke 117 multimeter. Additionally, a leveling correction was applied to Mooshimeter data collected on 8/27/2025 (interstitial layer to primary liner) to more completely level the data set between multimeters. **Table 1** presents scaling and leveling corrections applied to Clear Pool data sets.

Table 1. Clear Pool QC Corrections and Leveling

Liner	Date	Meter	QC In (mV DC)	QC Out (mV DC)	Applied QC Correction (mV)	QC Correction Method	Leveling Adjustment (mV)
Secondary	8/26/25	Fluke 117	1	--	0	--	0
Secondary	8/26/25	Mooshi	-20.5	1	21.5	Difference	0
Primary	8/27/25	Fluke 117	1	1	0	--	0
Primary	8/27/25	Mooshi	-5.5	-6	11.25	Avg. Difference	-250

Processing was completed using Golden Software Surfer Beta 30.0.188 64-bit which is a contouring, gridding and 3D surface mapping software. Natural Neighbor Interpolation (also called Sibson interpolation) is a geospatial interpolation method used to estimate values at unknown locations based on surrounding known data points. With the natural neighbor method, a Voronoi diagram is built from the known sample points. Each point “owns” a cell of space closest to it. When a new (interpolation) point is added, it takes space from some of those neighboring Voronoi cells. The interpolated value is calculated as a weighted average of the neighboring points, where the weights are proportional to the amount of cell area “stolen” from each neighbor. Advantages of the natural neighbor method are that only nearest data points influence the result and it can naturally account for irregular data spacing. When necessary, low pass filtering was applied to gridded data sets to smooth contours.

6. Results & Interpretation

This section will be broken into two parts regarding the interpretation of the North Sedimentation Pond and the Clear Pool. Anomalies that require further investigation in the liners are noted by either a sharp change between polarities observed such as going from a positive to a negative reading rapidly (a dipole) or a very high voltage recording. Using ASTM D8265-23 and ASTM D7007-24 as guidelines for interpretation, the following should be considered when evaluating ELL data:

Anomaly criteria:

- Sharp, localized potential anomalies (typically >5–10x background).
- Symmetry or "bullseye" pattern in equipotential contours.

Differentiate false positives:

- Edge effects (strong signals at perimeter).
- Metallic debris or grounded objects.
- Confidence in containment/isolation.

A. Clear Pool

The Clear Pool was surveyed at a depth average of 1 ft., giving an optimal survey depth for ELL data acquisition. Two 36" stainless steel electrodes were used to induce current, one electrode was placed under the secondary liner (**Inset 6**), while the other electrode was placed into the Interstitial layer by going through the Subgrade to Interstitial Liner.

Inset 6. 36" Stainless Steel Electrode Under Secondary Liner.

Interstitial to Primary Liner – To investigate the primary liner system of the Clear Pool, the current electrode was placed into the water in the northwestern corner of the Clear Pool while the reference electrode was in the interstitial layer. **Figure 2** illustrates the voltage contour map of the Clear Pool generated for the interstitial to the primary liner survey. Draft voltage contour mapping indicates a large spike in voltage DC readings in the southeastern corner of the Clear Pool. The main areas of concern regarding anomalies flagged for further investigation are the connections of the sump to the liner as well as the sump-riser pipe connections, with the latter having readings nearby of up to 3000mV DC. While the southeastern corner of the Clear Pool had many high voltages recorded the rest of the Clear Pool was relatively flat regarding measured voltages across the survey area.

Subgrade to Interstitial – To investigate the secondary liner system of the Clear Pool, the current electrode was placed into the interstitial layer and the reference electrode placed into the subgrade. **Figure 3** illustrates the Clear Pool voltage contour map for measurements between the subgrade and interstitial liners. Draft voltage contour mapping indicates a large spike in voltage DC readings in the southeastern corner of the Clear Pool. The main areas of concern regarding anomalies flagged for further investigation are the connections of the sump to the liner as well as the sump-riser pipe connections, with the latter having readings nearby of up to 3000mV DC. While the southeastern corner of the Clear Pool had many high voltages recorded the rest of the Clear Pool was relatively flat regarding measured voltages across the survey area. The voltages observed in this survey were lower than found in the initial survey (primary liner

survey) but still had spikes in the southeastern corner of the Clear Pool providing evidence there are anomalies there that require further investigation.

B. North Sedimentation Pond

Only southern portions of the North Sedimentation Pond were a part of this scope of work. The North Sedimentation Pond was surveyed with a water depth of about 5 ft necessitating the use of the john boat to acquire the data. The Fluke model 117 skid was attached to the side of the john boat using two C-clamps and aligned with the Emlid Reach RS3 to acquire the data. The field team could not confirm electrical isolation due to water level obscuring the bladder and pipe culvert installed between the pipe culvert section between the North Sedimentation Pond to the Clear Pool (Drawing H1C11017) and the high-water level obscuring the pipe.

Interstitial to Primary Liner –To investigate the primary liner system of the North Sedimentation Pond, the current electrode was placed into the water along the western edge of the North Sedimentation Pond, while the reference electrode was placed in the interstitial layer. **Figure 4** exhibits the voltage contour map generated for the interstitial to primary liner. The elevated voltage readings to the west correlate with the current electrode and radial decay of current away from the current electrode. As shown in **Figure 4**, multiple small dipoles are observed in the data set in the northern part of the study area. These dipoles appear in a quasi-linear pattern from west to east which could potentially represent small discontinuities in seams of the liner system. However, it is important to note that voltages observed are small in magnitude (+/- 5 V). The rest of the pond during this survey was rather flat based on the measured voltage.

Subgrade to Interstitial Layer - To investigate the secondary liner system of the North Sedimentation Pond, the current electrode was placed into the interstitial layer while the reference electrode was placed in the subgrade. **Figure 5** shows the voltage contour map generated for the subgrade to interstitial layer (secondary liner). The average mV DC readings were around 0 mV DC with the lone dipole appearing around the pipe culvert section connecting the North Sedimentation Pond and the Clear Pool (transfer pipe).

7. Recommendations

The figures (**Figures 2-5**) representing each set of survey data acquired highlight areas that need further investigation into the liners at those locations. A summary of anomaly locations is also presented in **Appendix A**. In comparing the results of the Clear Pool and North Sedimentation Pond, the anomalies observed in the Clear Pool demonstrate higher voltages potentially symptomatic of larger discontinuities. Upon review of the data and repairing mapped anomalies a follow-up survey is recommended for the Clear Pool. Per ASTM D8265 current will flow preferentially through larger leaks in the liner with smaller leaks not being detected due to this.

Anomalies in the North Sedimentation Pond were typically much lower in magnitude, potentially representing smaller discontinuities.

8. Limitations & Closing

Nova and GFT's ELL services are conducted in a manner consistent with the level of care and skill ordinarily exercised by other members of the geophysical community currently practicing under similar conditions subject to the time limits and physical constraints applicable to the services. Furthermore, it is possible that interpreted features, may upon intrusive sampling, prove to have been misinterpreted or mislocated. Where interpretation from geophysical data is an important element for cost or safety of operations, it should always be checked for reasonableness against known or expected subsurface data and verified at critical locations by physical means such as probing or exposing. Although this geophysical survey has been completed, standard of care must still be exercised while excavating and during construction activities.

Thank you for the opportunity to present this report and recommendations. Please let us know if you have questions or would like to discuss the contents of these recommendations. This page certifies the preparation, review, and approval of this report.

Signature Page

This page certifies the preparation, review, and approval of this report.

Report Originator: Michael Zanetty Date: 11/19/2025

Title: Geologist I

Company: Nova Geotechnologies

Reviewer: Chris Bryant Date: 11/17/2025

Title: Senior Geophysicist

Company: GFT Infrastructure

Professional Engineer (PE) Certification: Patricia A Waller

Seal/Stamp: Patricia A Waller Date: 11/19/2025

GEORGIA REGISTERED No. PE034033 PROFESSIONAL ENGINEER PATRICIA A FEASTER WALLER

8. References

1) Standard Practices for Electrical Methods for Mapping Leaks in Installed Geomembranes, ASTM D8265 – 23, ASTM International, 2025.

2) Standard Practices for Electrical Methods for Locating Leaks in Geomembranes Covered with Water or Earthen Materials, ASTM D7007 – 24, ASTM International, 2025.

Appendix A

9. Appendix A

Facility	Liner System	Northing	Easting	Comment
Clear Pool	Interstitial to Primary *Reference: Figure 02*	2410737.66	1119076.41	Broad; high magnitude; concentrated in area of riser pipe and sump (SE quadrant)
		2410775.25	1119072.11	
		2410762.31	1119038.47	
		2410736.47	1119031.95	
Clear Pool	Subgrade to Interstitial *Reference: Figure 03*	2410736.293	1119084.522	Broad; high magnitude; concentrated in area of riser pipe and sump (SE quadrant)
		2410771.789	1119069.674	
		2410760.022	1119038.429	
		2410738.238	1119035.718	
		2410722.776	1119037.525	
North Sedimentation Pond	Interstitial to Primary *Reference: Figure 04 Top Left Anomaly Inset*	2410788.194	1119482.819	Small; low magnitude; possible seam characteristic
		2410803.362	1119482.521	
		2410803.588	1119464.954	
		2410788.307	1119464.954	
	Interstitial to Primary *Reference: Figure 04 Top Right Anomaly Inset*	2410789.706	1119459.16	Small; low magnitude; possible seam pattern
		2410809.446	1119450.661	
		2410787.228	1119452.175	
		2410807.587	1119442.512	
	Interstitial to Primary *Reference: Figure 04 Bottom Left Anomaly Inset*	2410830.691	1119467.31	Small; low magnitude; possible seam pattern
		2410839.188	1119467.31	
		2410839.277	1119456.482	
		2410830.691	1119456.832	
	Interstitial to Primary *Reference: Figure 04 Bottom Right Anomaly Inset*	2410845.296	1119432.5	Small; low magnitude; possible seam pattern
		2410853.971	1119432.267	
		2410854.06	1119416.899	
		2410845.031	1119416.899	
North Sedimentation Pond	Subgrade to Interstitial *Reference: Figure 05*	2410773.89	1119307.442	Broad; low magnitude; concentrated in area of transfer pipe
		2410786.413	1119304.895	
		2410789.688	1119300.819	
		2410798.742	1119294.451	
		2410799.031	1119289.611	
		2410789.013	1119290.502	
		2410788.628	1119295.979	
		2410773.505	1119301.583	

Figures

Pond name	Acre	ft^2
Northern Sedimentation Pond	2.85	124,047
Clear Pool	0.74	32,230
Total	3.62	156,277

REFERENCE
1) Georgia State Plane West (NAD83 Ft)

PROJECT
Plant Scherer Geophysical Survey

TITLE
ELL Study Area

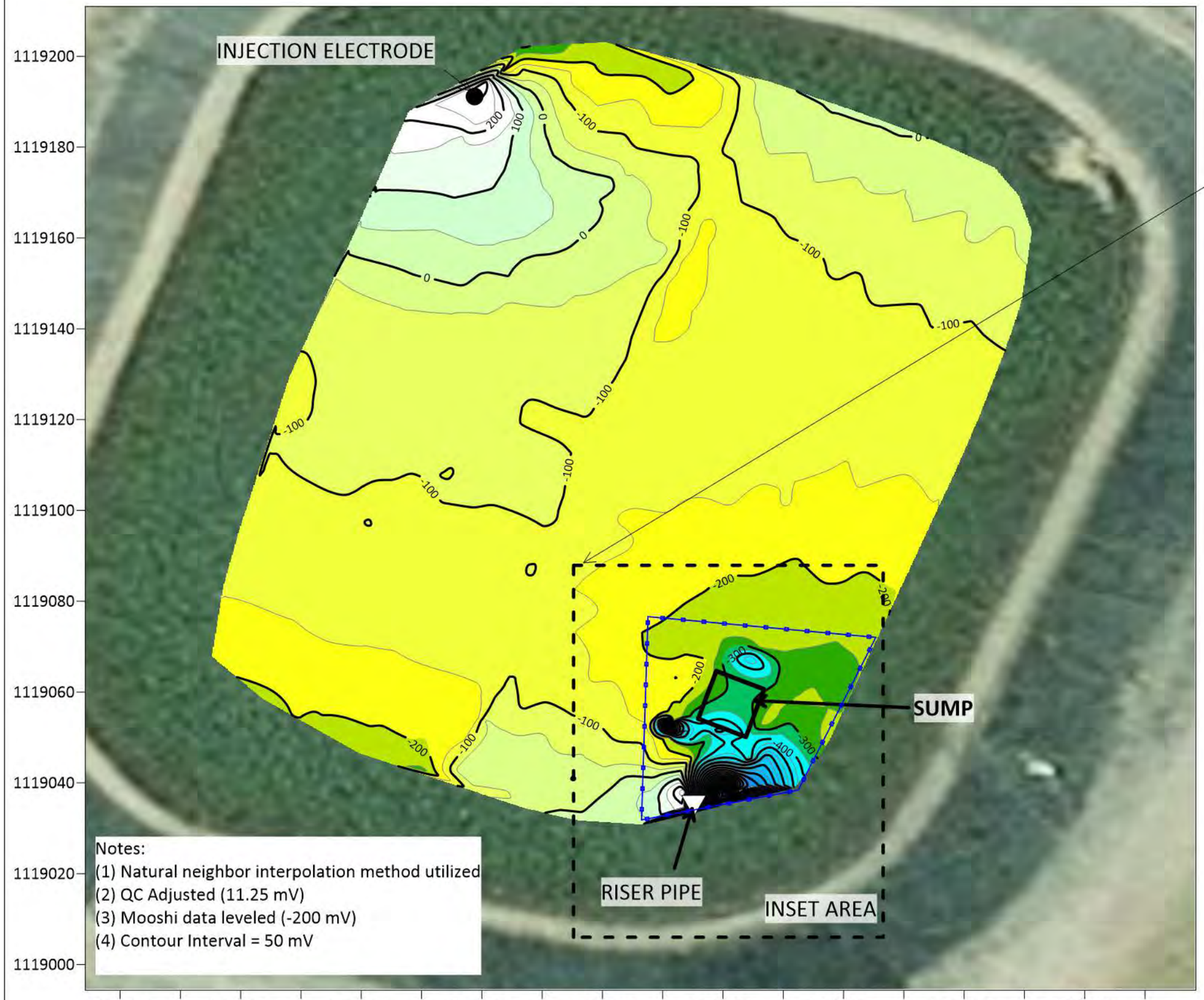
PROJECT No.	Phase	Rev.	Figure #
P02112025-01	01	01	1

CLIENT
Southern Company Services

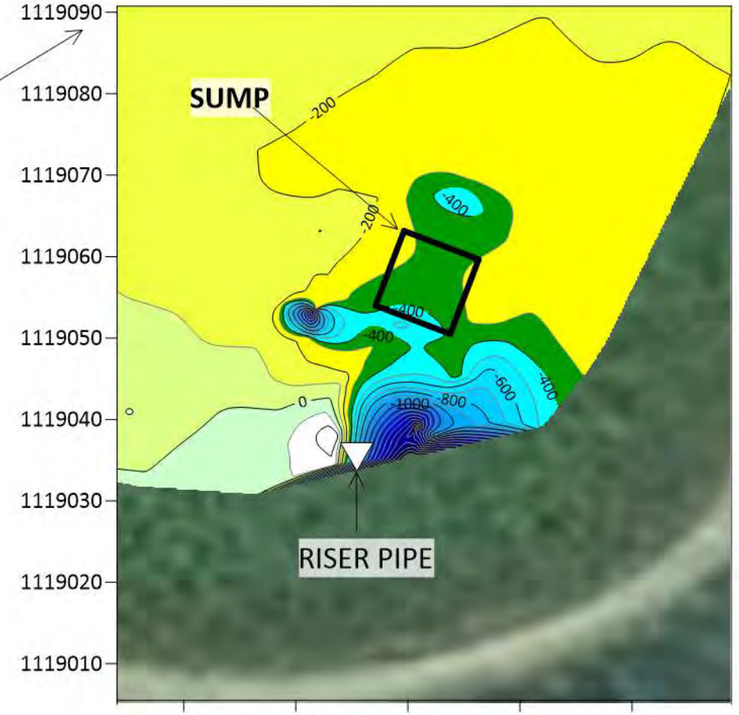
CONSULTANT

YYYY-MM-DD	2025-07-17
PREPARED	MCZ
DESIGN	MCZ
REVIEW	MCZ
APPROVED	MCZ

LEGEND
Existing Well



Southeast Inset



Voltage (mV DC)

-3000 -2600 -2200 -1800 -1400 -1000 -600 -200 200

CONSULTANT

GFT

NOVA GEOTECHNOLOGIES GEOLOGY & GEOPHYSICS

YYYY-MM-DD	2025-09-05
PREPARED	GBD
DESIGN	MCZ
REVIEW	GBD
APPROVED	DRAFT

LEGEND

Dipoles/Anomalous Areas for Further Investigation

REFERENCE
1) Georgia State Plane West (NAD83 Ft)

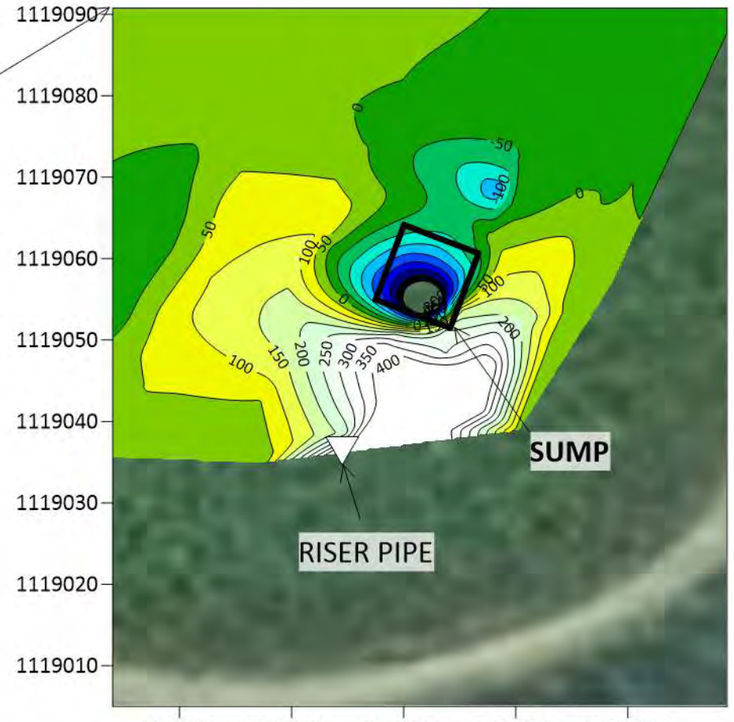
PROJECT
Plant Scherer ELL Study

TITLE
Clear Pool Voltage Contour Map
Interstitial to Primary (Primary Liner 08/27/2025)

PROJECT No.	Phase	Rev.	Figure #
P07112025-01	01	01	2

CLIENT
Southern Company Services

Southeast Inset



Voltage (mV DC)

REFERENCE
1) Georgia State Plane West (NAD83 Ft)

PROJECT
Plant Scherer ELL Study

TITLE
Clear Pool Voltage Contour Map
Subgrade to Interstitial (Secondary Liner 08/26/2025)

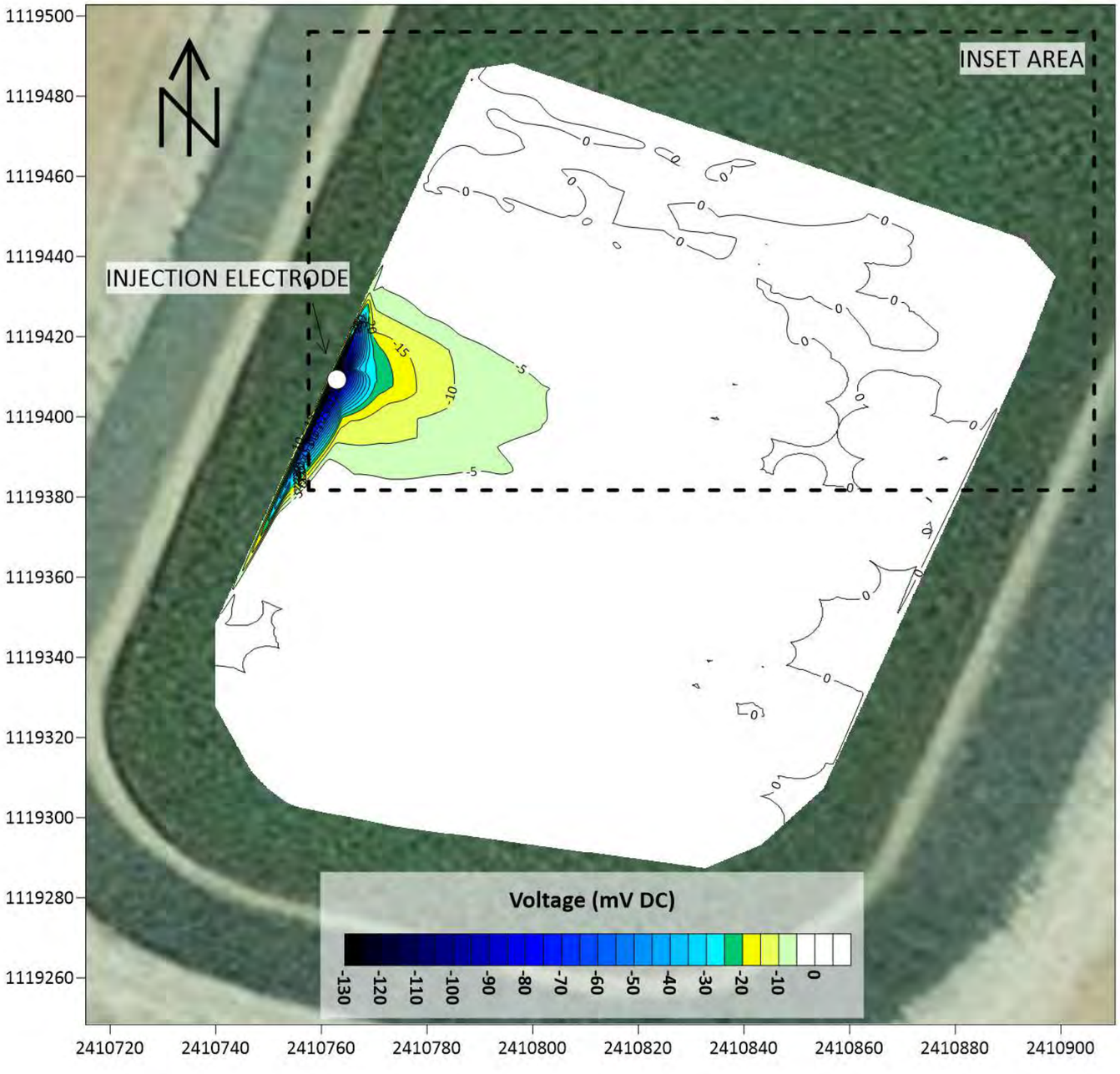
PROJECT No.	Phase	Rev.	Figure #
P07112025-01	01	01	3

CLIENT
Southern Company Services

CONSULTANT
GFT
NOVA GEOTECHNOLOGIES GEOLOGY & GEOPHYSICS

YYYY-MM-DD	2025-09-05
PREPARED	GBD
DESIGN	MCZ
REVIEW	GBD
APPROVED	DRAFT

LEGEND
Dipoles/Anomalous Areas for Further Investigation



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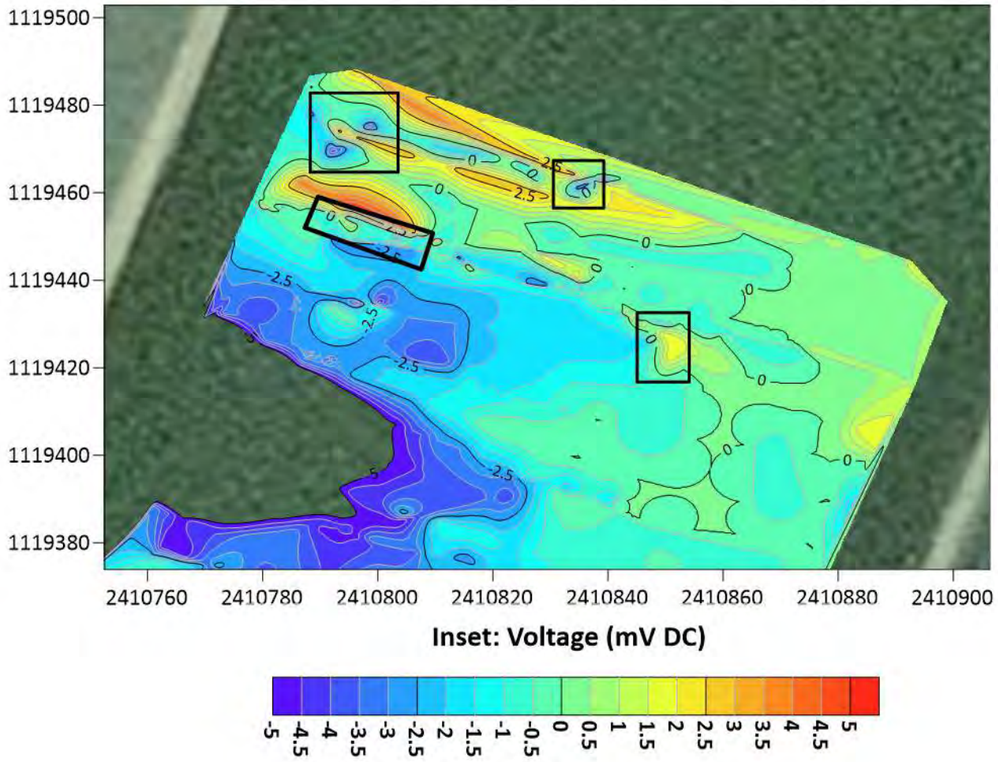


Inset: Voltage (mV DC)

Notes:
(1) Natural neighbor interpolation method utilized
(2) Low-Pass Filtered
(3) Main Contour Interval = 5 mV
Inset Contour Interval = 0.5 mV

REFERENCE
1) Georgia State Plane West (NAD83 Ft)

PROJECT
Plant Scherer ELL Study

TITLE
North Sedimentation Pond Voltage Contour Map
Interstitial to Primary Liner (Primary Liner 8/28/2025)

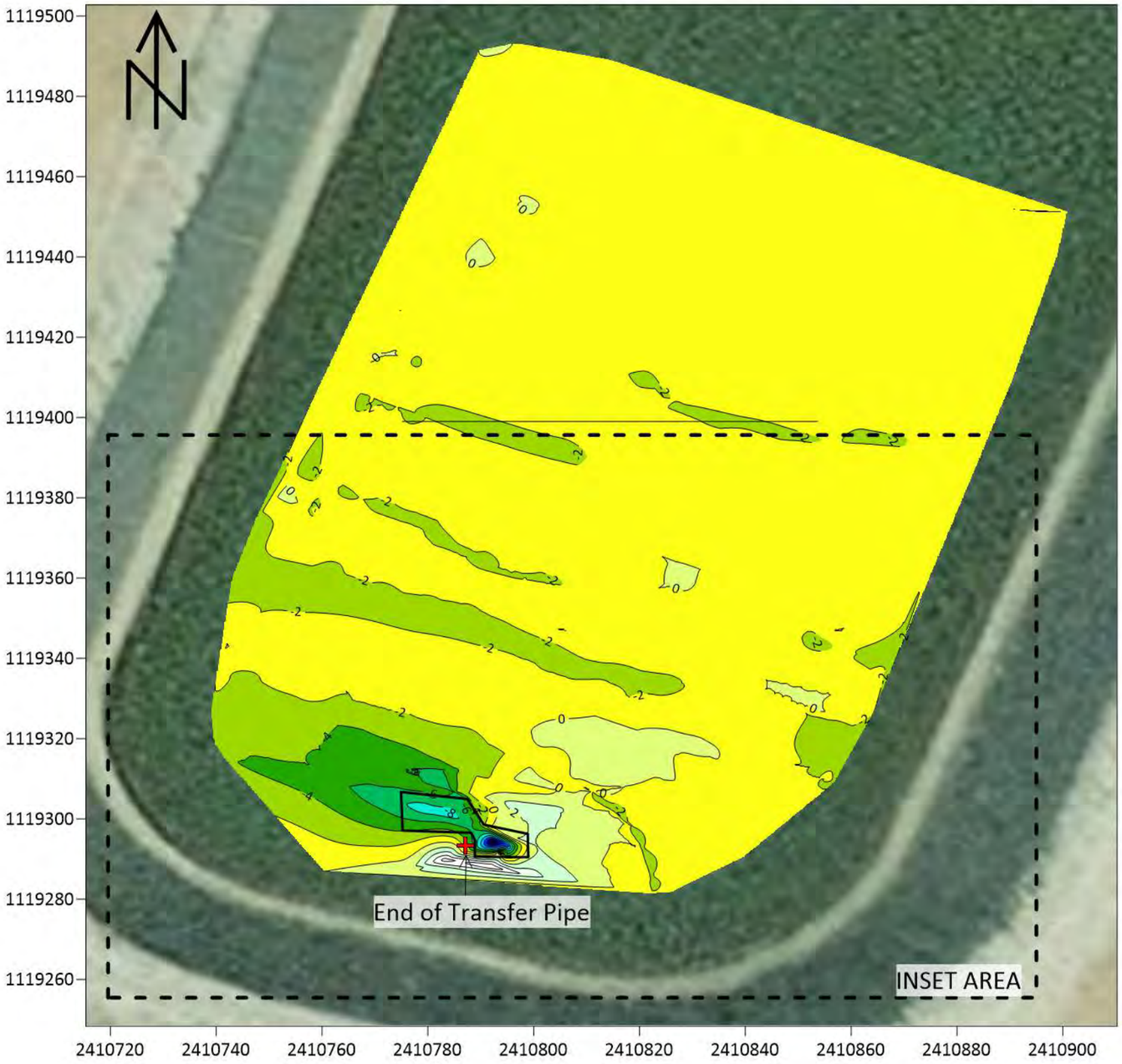
PROJECT No.	Phase	Rev.	Figure #
P07112025-01	01	01	4

CLIENT
Southern Company Services

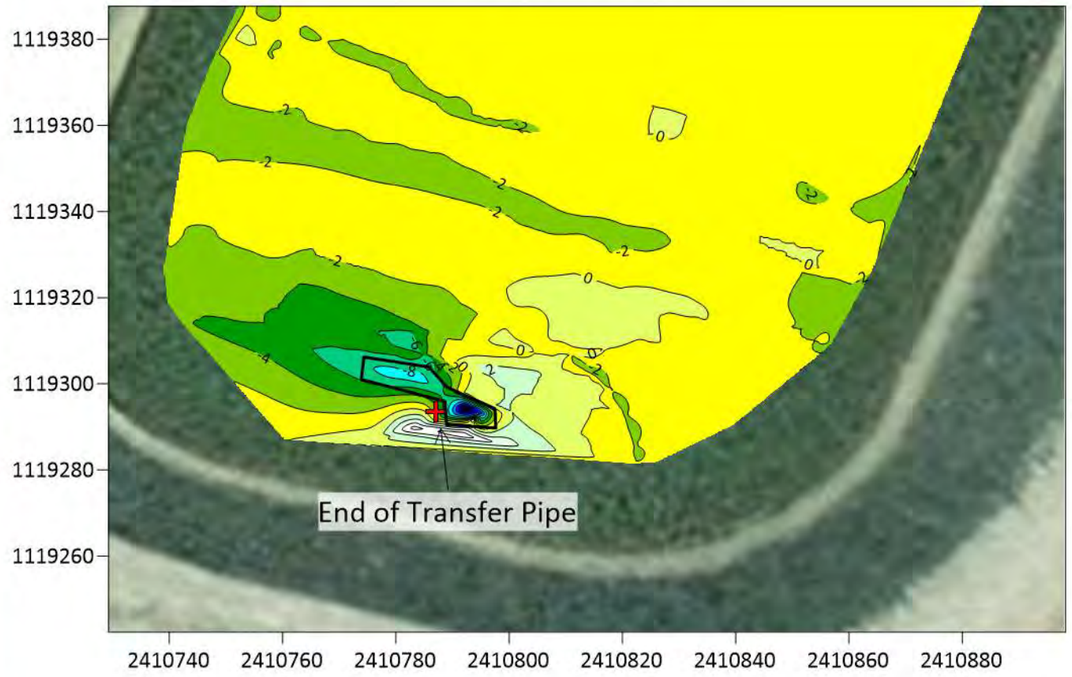
CONSULTANT
GFT
NOVA GEOTECHNOLOGIES GEOLOGY & GEOPHYSICS

YYYY-MM-DD	2025-09-05
PREPARED	GBD
DESIGN	MCZ
REVIEW	GBD
APPROVED	DRAFT

LEGEND
☐ Dipoles/Anomalous Areas for Further Investigation



Southern Inset



Voltage (mV DC)

Notes:
(1) Natural neighbor interpolation method utilized
(2) Low-Pass Filtered
(3) Contour Interval = 2 mV

REFERENCE
1) Georgia State Plane West (NAD83 Ft)

PROJECT
Plant Scherer ELL Study

TITLE
North Sedimentation Pond Voltage Contour Map
Subgrade to Interstitial Layer (Secondary Liner 8/28/2025)

PROJECT No.	Phase	Rev.	Figure #
P07112025-01	01	01	5

CLIENT
Southern Company Services

CONSULTANT
GFT
NOVA GEOTECHNOLOGIES GEOLOGY & GEOPHYSICS

YYYY-MM-DD	2025-09-05
PREPARED	GBD
DESIGN	MCZ
REVIEW	GBD
APPROVED	DRAFT

LEGEND
☐ Dipoles/Anomalous Areas for Further Investigation

APPENDIX B

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/14/2025 5:46:41 PM

JOB DESCRIPTION

Plant Scherer - Cell 1

JOB NUMBER

705-38046-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Definitions/Glossary 7
Case Narrative 8
Detection Summary 9
Client Sample Results 14
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QC Sample Results 30
Certification Summary 37

Sample Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38046-1	SCH-GWA-15	Water	07/24/25 10:45	07/28/25 15:31	Georgia
705-38046-2	SCH-CELL1-FD-6	Water	07/24/25 00:00	07/28/25 15:31	Georgia
705-38046-3	SCH-GWC-4	Water	07/24/25 12:23	07/28/25 15:31	Georgia
705-38046-4	SCH-GWA-16	Water	07/24/25 13:14	07/28/25 15:31	Georgia
705-38046-5	SCH-GWC-7	Water	07/24/25 14:46	07/28/25 15:31	Georgia
705-38046-6	SCH-GWA-17	Water	07/24/25 14:51	07/28/25 15:31	Georgia
705-38046-7	SCH-GWC-3	Water	07/25/25 09:24	07/28/25 15:31	Georgia
705-38046-8	SCH-CELL1-FD-5	Water	07/25/25 00:00	07/28/25 15:31	Georgia
705-38046-9	SCH-GWC-5	Water	07/25/25 10:35	07/28/25 15:31	Georgia
705-38046-10	SCH-CELL1-FB-5	Water	07/25/25 11:05	07/28/25 15:31	Georgia
705-38046-11	SCH-GWC-1	Water	07/25/25 09:36	07/28/25 15:31	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Juju Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504515 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: GPC Plant Scherer - Cell 1	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium)	6020B - 15 State Permit Metals (Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn)+ 3 Cations (Na, Mg, K)	7470A - Mercury	2320B - Total Alkalinity	Total Number of containers
			Preservation Code:				N	N	D	D	D	N	
SCH-GWA-15	7/24/25	10:45	G	WG			X	X	X	X	X	X	3
SCH-CELL1-FD-6	7/24/25	-	G	WG			X	X	X	X	X	X	3
SCH-GWC-4	7/24/25	12:23	G	WG			X	X	X	X	X	X	3
SCH-GWA-16	7/24/25	13:14	G	WG			X	X	X	X	X	X	3
SCH-GWC-7	7/24/25	14:46	G	WG			X	X	X	X	X	X	3
SCH-GWA-17	7/24/25	14:51	G	WG			X	X	X	X	X	X	3
SCH-GWC-3	7/25/25	9:24	G	WG			X	X	X	X	X	X	3
SCH-CELL1-FD-5	7/25/25	-	G	WG			X	X	X	X	X	X	3
SCH-GWC-5	7/25/25	10:35	G	WG			X	X	X	X	X	X	3
SCH-CELL1-FB-5	7/25/25	11:05	G	WQ			X	X	X	X	X	X	3
SCH-GWC-1	7/25/25	9:36	G	WG			X	X	X	X	X	X	3

Preservation Codes:
D - HNO3
N - None

705-38046 COC

Other:

Task_Code:
SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level II data report

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	7/25/25 1309	WSP	Yolanda Lucear	7-25-25 / 1:10pm	CNOW
				07/25/25 1531	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1/3.1 2.4/2.4

Ver: 01/16/2019

8/14/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38046-1

Login Number: 38046
List Number: 1
Creator: Hartley, Tyler

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Job ID: 705-38046-1
Project/Site: Plant Scherer - Cell 1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38046-1 — Eurofins Atlanta

Job Narrative
705-38046-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/28/2025 3:31 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.4°C and 3.1°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 and analytical batch 705-73109 contained Barium, Calcium, Nickel and Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 contained Zinc above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-72359 and analytical batch 705-73875 contained Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWA-15 — Lab Sample ID: 705-38046-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.087	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	4.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0016	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	2.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00076	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.21	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00081	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	21		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	21		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	78		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL1-FD-6 — Lab Sample ID: 705-38046-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.095	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	4.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0015	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	2.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00072	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.25	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	22		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	22		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	78		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-4 — Lab Sample ID: 705-38046-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	48		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	200		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.034	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	59		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.19		0.010	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-GWC-4 (Continued) — Lab Sample ID: 705-38046-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	36		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0022	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	2.4	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0090		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	18		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0043	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	50		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	50		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	590		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-16 — Lab Sample ID: 705-38046-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.032		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0082		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	4.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.90	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0079		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	76		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	76		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	180		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-7 — Lab Sample ID: 705-38046-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	6.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.048		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.023		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	9.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.2	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.0		0.50	0.25	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-7 (Continued) — Lab Sample ID: 705-38046-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	0.011		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	78		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	230		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWA-17 — Lab Sample ID: 705-38046-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.93	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	7.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0085		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	3.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00059	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	1.0	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.6		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0058		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-3 — Lab Sample ID: 705-38046-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.092	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	16		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	10		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.022		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.019		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0015	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.71	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0055		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	45		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	45		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-CELL1-FD-5 — Lab Sample ID: 705-38046-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	17		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	10		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.022		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.019		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.0015	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.76	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0054		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	47		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	47		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-GWC-5 — Lab Sample ID: 705-38046-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	73		5.0	3.8	mg/L	5		300.0	Total/NA
Boron	0.11		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	24		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.036		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0057		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	13		0.10	0.016	mg/L	1		6020B	Total Recoverable
Nickel	0.00048	J B	0.0050	0.00042	mg/L	1		6020B	Total Recoverable
Potassium	0.88	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.0026	J	0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	61		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	240		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-CELL1-FB-5 — Lab Sample ID: 705-38046-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	1.5		1.0	0.77	mg/L	1		300.0	Total/NA
Total Dissolved Solids	10		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 705-38046-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.051		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.013		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	8.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	0.78	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Vanadium	0.017		0.0050	0.0012	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 705-38046-1

Date Collected: 07/24/25 10:45

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.0**		1.0	0.98	mg/L			07/30/25 03:50	1
Fluoride	**0.087**	**J**	0.20	0.081	mg/L			07/30/25 03:50	1
Sulfate	**3.2**		1.0	0.77	mg/L			07/30/25 03:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:29	1
Calcium	**4.4**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:29	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:24	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:24	1
Barium	**0.013**		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:24	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:24	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:24	1
Cobalt	**0.0016**	**J**	0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:24	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:24	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:24	1
Magnesium	**2.2**		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:24	1
Nickel	**0.00076**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:24	1
Potassium	**0.21**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:17	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:24	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:24	1
Sodium	**5.1**		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:24	1
Thallium	**0.00081**	**J**	0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:24	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:24	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**21**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**21**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**78**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 705-38046-2

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.4**		1.0	0.98	mg/L			07/30/25 04:01	1

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 705-38046-2

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.095**	**J**	0.20	0.081	mg/L			07/30/25 04:01	1
Sulfate	**3.3**		1.0	0.77	mg/L			07/30/25 04:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:32	1
Calcium	**4.4**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:32	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:41	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:41	1
Barium	**0.013**		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:41	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:41	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:41	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:41	1
Cobalt	**0.0015**	**J**	0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:41	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:41	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:41	1
Magnesium	**2.1**		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:41	1
Nickel	**0.00072**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:41	1
Potassium	**0.25**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:27	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:41	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:41	1
Sodium	**5.1**		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:41	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:41	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:41	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/10/25 20:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**22**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**22**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**78**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 705-38046-3

Date Collected: 07/24/25 12:23

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48**		1.0	0.98	mg/L			07/30/25 04:12	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			07/30/25 04:12	1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 705-38046-3

Date Collected: 07/24/25 12:23

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**200**		10	7.7	mg/L			07/30/25 14:55	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.034**	**J**	0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:35	1
Calcium	**59**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:35	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:44	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:44	1
Barium	**0.19**		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:44	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:44	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:44	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:44	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:44	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:44	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:44	1
Magnesium	**36**		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:44	1
Nickel	**0.0022**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:44	1
Potassium	**2.4**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/06/25 23:44	1
Selenium	**0.0090**		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:44	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:44	1
Sodium	**18**		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:44	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:44	1
Vanadium	**0.0043**	**J**	0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:44	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**50**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**50**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**590**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 705-38046-4

Date Collected: 07/24/25 13:14

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.1**		1.0	0.98	mg/L			07/30/25 04:24	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			07/30/25 04:24	1
Sulfate	**1.2**		1.0	0.77	mg/L			07/30/25 04:24	1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 705-38046-4

Date Collected: 07/24/25 13:14

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 17:38	1
Calcium	**14**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 17:38	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:48	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:48	1
Barium	**0.032**		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:48	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:48	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:48	1
Chromium	**0.0082**		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:48	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:48	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:48	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:48	1
Magnesium	**4.9**		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:48	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:48	1
Potassium	**0.90**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:31	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:48	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:48	1
Sodium	**9.2**		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:48	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:48	1
Vanadium	**0.0079**		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:48	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**76**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**76**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**180**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 705-38046-5

Date Collected: 07/24/25 14:46

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.5**		1.0	0.98	mg/L			07/30/25 04:35	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/30/25 04:35	1
Sulfate	**6.4**		1.0	0.77	mg/L			07/30/25 04:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:31	1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 705-38046-5

Date Collected: 07/24/25 14:46

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**18**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:31	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:11	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:11	1
Barium	**0.048**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:11	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:11	1
Chromium	**0.023**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:11	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:11	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:11	1
Magnesium	**9.3**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:11	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:11	1
Potassium	**1.2**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/07/25 00:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:11	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:11	1
Sodium	**9.0**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:11	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:11	1
Vanadium	**0.011**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:11	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**78**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**230**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-GWA-17

Lab Sample ID: 705-38046-6

Date Collected: 07/24/25 14:51

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.4**		1.0	0.98	mg/L			07/30/25 12:37	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			07/30/25 12:37	1
Sulfate	**0.93**	**J**	1.0	0.77	mg/L			07/30/25 12:37	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:34	1
Calcium	**7.4**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:34	1

Client Sample ID: SCH-GWA-17

Lab Sample ID: 705-38046-6

Date Collected: 07/24/25 14:51

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:15	1
Barium	**0.031**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:15	1
Chromium	**0.0085**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:15	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:15	1
Magnesium	**3.0**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:15	1
Nickel	**0.00059**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:15	1
Potassium	**1.0**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/07/25 00:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:15	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:15	1
Sodium	**8.6**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:15	1
Vanadium	**0.0058**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:15	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**52**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**52**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 705-38046-7

Date Collected: 07/25/25 09:24

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**		1.0	0.98	mg/L			07/30/25 13:12	1
Fluoride	**0.092**	**J**	0.20	0.081	mg/L			07/30/25 13:12	1
Sulfate	**16**		1.0	0.77	mg/L			07/30/25 13:12	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:37	1
Calcium	**10**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:37	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:18	1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 705-38046-7

Date Collected: 07/25/25 09:24

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:18	1
Barium	**0.022**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:18	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:18	1
Chromium	**0.019**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:18	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:18	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:18	1
Magnesium	**6.1**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:18	1
Nickel	**0.0015**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:18	1
Potassium	**0.71**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:34	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:18	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:18	1
Sodium	**6.2**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:18	1
Vanadium	**0.0055**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:18	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**45**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**45**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 705-38046-8

Date Collected: 07/25/25 00:00

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.6**		1.0	0.98	mg/L			07/30/25 13:23	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/30/25 13:23	1
Sulfate	**17**		1.0	0.77	mg/L			07/30/25 13:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:40	1
Calcium	**10**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:40	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:22	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:22	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 705-38046-8

Date Collected: 07/25/25 00:00

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.022**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:22	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:22	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:22	1
Chromium	**0.019**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:22	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:22	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:22	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:22	1
Magnesium	**6.1**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:22	1
Nickel	**0.0015**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:22	1
Potassium	**0.76**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:22	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:22	1
Sodium	**6.1**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:22	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:22	1
Vanadium	**0.0054**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:22	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**47**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**47**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 705-38046-9

Date Collected: 07/25/25 10:35

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.5**		1.0	0.98	mg/L			07/30/25 16:08	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			07/30/25 16:08	1
Sulfate	**73**		5.0	3.8	mg/L			07/30/25 18:56	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.11**		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:43	1
Calcium	**24**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:43	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:25	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:25	1
Barium	**0.036**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:25	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 705-38046-9

Date Collected: 07/25/25 10:35

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:25	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:25	1
Chromium	**0.0057**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:25	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:25	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:25	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:25	1
Magnesium	**13**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:25	1
Nickel	**0.00048**	**J B**	0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:25	1
Potassium	**0.88**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:41	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:25	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:25	1
Sodium	**11**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:25	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:25	1
Vanadium	**0.0026**	**J**	0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:25	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 15:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**240**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 705-38046-10

Date Collected: 07/25/25 11:05

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 16:20	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 16:20	1
Sulfate	**1.5**		1.0	0.77	mg/L			07/30/25 16:20	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:46	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:46	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:28	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:28	1
Barium	<0.00041		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:28	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:28	1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 705-38046-10

Date Collected: 07/25/25 11:05

Matrix: Water

Date Received: 07/28/25 15:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:28	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:28	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:28	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:28	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:28	1
Magnesium	<0.016		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:28	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:28	1
Potassium	<0.044		0.10	0.044	mg/L		08/04/25 16:35	08/10/25 20:44	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:28	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:28	1
Sodium	<0.25		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:28	1
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:28	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 15:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**10**		10	10	mg/L			07/30/25 14:45	1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 705-38046-11

Date Collected: 07/25/25 09:36

Matrix: Water

Date Received: 07/28/25 15:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.4**		1.0	0.98	mg/L			07/30/25 13:34	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/30/25 13:34	1
Sulfate	**1.0**		1.0	0.77	mg/L			07/30/25 13:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 19:54	1
Calcium	**17**		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 19:54	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/07/25 00:32	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/07/25 00:32	1
Barium	**0.051**		0.010	0.00041	mg/L		08/04/25 16:35	08/07/25 00:32	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/07/25 00:32	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/07/25 00:32	1

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-1

Date Collected: 07/25/25 09:36
Date Received: 07/28/25 15:31

Lab Sample ID: 705-38046-11

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.013**		0.0050	0.0037	mg/L		08/04/25 16:35	08/07/25 00:32	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/07/25 00:32	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/07/25 00:32	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/07/25 00:32	1
Magnesium	**8.8**		0.10	0.016	mg/L		08/04/25 16:35	08/07/25 00:32	1
Nickel	<0.00042		0.0050	0.00042	mg/L		08/04/25 16:35	08/07/25 00:32	1
Potassium	**0.78**	**B**	0.10	0.044	mg/L		08/04/25 16:35	08/10/25 21:08	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/07/25 00:32	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/07/25 00:32	1
Sodium	**9.3**		0.50	0.25	mg/L		08/04/25 16:35	08/07/25 00:32	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/07/25 00:32	1
Vanadium	**0.017**		0.0050	0.0012	mg/L		08/04/25 16:35	08/07/25 00:32	1
Zinc	<0.0089		0.010	0.0089	mg/L		08/04/25 16:35	08/07/25 00:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 15:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/04/25 15:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/04/25 15:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/04/25 15:02	1
Total Dissolved Solids (SM 2540C - 2015)	**210**		10	10	mg/L			07/30/25 14:45	1

Method Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 705-38046-1

Date Collected: 07/24/25 10:45
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 03:50
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:29
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/06/25 23:24
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:17
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:23
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 705-38046-2

Date Collected: 07/24/25 00:00
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 04:01
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:32
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/06/25 23:41
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:27
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:35
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-GWC-4

Lab Sample ID: 705-38046-3

Date Collected: 07/24/25 12:23
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 04:12
Total/NA	Analysis	300.0		10	71283	MS	EET ATL	07/30/25 14:55
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:35
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/06/25 23:44
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:39
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 705-38046-4

Date Collected: 07/24/25 13:14
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 04:24
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 17:38
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/06/25 23:48
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:31
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:43
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-GWC-7

Lab Sample ID: 705-38046-5

Date Collected: 07/24/25 14:46
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71033	MS	EET ATL	07/30/25 04:35
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:31
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:11
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:47
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-GWA-17

Lab Sample ID: 705-38046-6

Date Collected: 07/24/25 14:51
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 12:37
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:34
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:15
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:51
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 705-38046-7

Date Collected: 07/25/25 09:24
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 13:12
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:37
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:18
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:34
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:55
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 705-38046-8

Date Collected: 07/25/25 00:00
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 13:23
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:40
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:22
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:38
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 14:59
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-GWC-5

Lab Sample ID: 705-38046-9

Date Collected: 07/25/25 10:35
Matrix: Water
Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 16:08
Total/NA	Analysis	300.0		5	71283	MS	EET ATL	07/30/25 18:56
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:43
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:25
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:41
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 15:02

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 705-38046-9

Date Collected: 07/25/25 10:35

Matrix: Water

Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 705-38046-10

Date Collected: 07/25/25 11:05

Matrix: Water

Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 16:20
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:46
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:28
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 20:44
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 15:06
Total/NA	Analysis	2320B-2011		1	72461	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Client Sample ID: SCH-GWC-1

Lab Sample ID: 705-38046-11

Date Collected: 07/25/25 09:36

Matrix: Water

Date Received: 07/28/25 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 13:34
Total/NA	Prep	3010A			72838	EF	EET ATL	08/06/25 12:05
Total/NA	Analysis	6010D		1	72985	KB	EET ATL	08/06/25 19:54
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73109	MD	EET ATL	08/07/25 00:32
Total Recoverable	Prep	3005A			72359	KB	EET ATL	08/04/25 16:35
Total Recoverable	Analysis	6020B		1	73875	MD	EET ATL	08/10/25 21:08
Total/NA	Prep	7470A			73909	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74044	GR	EET ATL	08/11/25 15:10
Total/NA	Analysis	2320B-2011		1	72366	AH	EET ATL	08/04/25 15:02
Total/NA	Analysis	2540C - 2015		1	71316	NN	EET ATL	07/30/25 14:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71033/118
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 01:10	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 01:10	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 01:10	1

Lab Sample ID: LCS 705-71033/119
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.8		mg/L		108	90 - 110		
Fluoride			5.00	5.30		mg/L		106	90 - 110		
Sulfate			25.0	27.5		mg/L		110	90 - 110		

Lab Sample ID: 705-38043-E-2 MS
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.0		10.0	12.5		mg/L		105	90 - 110		
Fluoride	0.17	J	5.00	5.39		mg/L		105	90 - 110		
Sulfate	3.5		25.0	30.4		mg/L		108	90 - 110		

Lab Sample ID: 705-38043-E-2 MSD
Matrix: Water
Analysis Batch: 71033

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0		10.0	12.4		mg/L		104	90 - 110	0	20
Fluoride	0.17	J	5.00	5.39		mg/L		104	90 - 110	0	20
Sulfate	3.5		25.0	29.8		mg/L		105	90 - 110	2	20

Lab Sample ID: MB 705-71283/1002
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 12:14	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 12:14	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 12:14	1

Lab Sample ID: LCS 705-71283/1001
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.7		mg/L		107	90 - 110		
Fluoride			5.00	5.26		mg/L		105	90 - 110		
Sulfate			25.0	27.4		mg/L		110	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-38046-6 MS
Matrix: Water
Analysis Batch: 71283

Client Sample ID: SCH-GWA-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	12.4		mg/L		101	90 - 110
Fluoride	0.11	J	5.00	5.28		mg/L		103	90 - 110
Sulfate	0.93	J	25.0	27.7		mg/L		107	90 - 110

Lab Sample ID: 705-38046-6 MSD
Matrix: Water
Analysis Batch: 71283

Client Sample ID: SCH-GWA-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	12.5		mg/L		101	90 - 110	0	20
Fluoride	0.11	J	5.00	5.39		mg/L		106	90 - 110	2	20
Sulfate	0.93	J	25.0	28.0		mg/L		108	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-72767/1-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 15:48	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 15:48	1

Lab Sample ID: LCS 705-72767/2-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.00		mg/L		100	80 - 120
Calcium	10.0	10.2		mg/L		102	80 - 120

Lab Sample ID: 705-38041-D-2-C MS
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.01		mg/L		101	75 - 125
Calcium	2.4		10.0	12.7		mg/L		103	75 - 125

Lab Sample ID: 705-38041-D-2-D MSD
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.998		mg/L		100	75 - 125	1	20
Calcium	2.4		10.0	12.5		mg/L		101	75 - 125	2	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 705-72838/1-A
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 12:05	08/06/25 16:50	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 12:05	08/06/25 16:50	1

Lab Sample ID: LCS 705-72838/2-A
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.05		mg/L		105	80 - 120
Calcium	10.0	10.3		mg/L		103	80 - 120

Lab Sample ID: 752-35211-F-1-B MS
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.045	J	1.00	1.04		mg/L		100	75 - 125
Calcium	79		10.0	87.1		mg/L		84	75 - 125

Lab Sample ID: 752-35211-F-1-C MSD
Matrix: Water
Analysis Batch: 72985

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 72838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.045	J	1.00	1.06		mg/L		101	75 - 125	1	20
Calcium	79		10.0	87.2		mg/L		84	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-72359/1-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:35	08/06/25 23:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:35	08/06/25 23:18	1
Barium	<0.00041		0.010	0.00041	mg/L		08/04/25 16:35	08/06/25 23:18	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:35	08/06/25 23:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:35	08/06/25 23:18	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:35	08/06/25 23:18	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:35	08/06/25 23:18	1
Copper	<0.00064		0.0020	0.00064	mg/L		08/04/25 16:35	08/06/25 23:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:35	08/06/25 23:18	1
Magnesium	<0.016		0.10	0.016	mg/L		08/04/25 16:35	08/06/25 23:18	1
Nickel	0.000476	J	0.0050	0.00042	mg/L		08/04/25 16:35	08/06/25 23:18	1
Potassium	0.0995	J	0.10	0.044	mg/L		08/04/25 16:35	08/06/25 23:18	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:35	08/06/25 23:18	1
Silver	<0.00017		0.0010	0.00017	mg/L		08/04/25 16:35	08/06/25 23:18	1
Sodium	<0.25		0.50	0.25	mg/L		08/04/25 16:35	08/06/25 23:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:35	08/06/25 23:18	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 705-72359/1-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	<0.0012		0.0050	0.0012	mg/L		08/04/25 16:35	08/06/25 23:18	1
Zinc	0.0197		0.010	0.0089	mg/L		08/04/25 16:35	08/06/25 23:18	1

Lab Sample ID: LCS 705-72359/2-A
Matrix: Water
Analysis Batch: 73109

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.104		mg/L		104	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	0.100	0.110		mg/L		110	80 - 120
Beryllium	0.100	0.101		mg/L		101	80 - 120
Cadmium	0.100	0.105		mg/L		105	80 - 120
Chromium	0.100	0.0955		mg/L		95	80 - 120
Cobalt	0.100	0.0953		mg/L		95	80 - 120
Copper	0.100	0.0952		mg/L		95	80 - 120
Lead	0.100	0.0982		mg/L		98	80 - 120
Magnesium	1.00	0.933		mg/L		93	80 - 120
Nickel	0.100	0.0939		mg/L		94	80 - 120
Potassium	1.00	0.980		mg/L		98	80 - 120
Selenium	0.100	0.0988		mg/L		99	80 - 120
Silver	0.0100	0.00993		mg/L		99	80 - 120
Sodium	1.00	0.912		mg/L		91	80 - 120
Thallium	0.100	0.0931		mg/L		93	80 - 120
Vanadium	0.100	0.0975		mg/L		97	80 - 120
Zinc	0.100	0.0987		mg/L		99	80 - 120

Lab Sample ID: 705-38046-1 MS
Matrix: Water
Analysis Batch: 73109

Client Sample ID: SCH-GWA-15
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.104		mg/L		104	75 - 125
Arsenic	<0.0013		0.100	0.0982		mg/L		98	75 - 125
Barium	0.013		0.100	0.121		mg/L		107	75 - 125
Beryllium	<0.00015		0.100	0.100		mg/L		100	75 - 125
Cadmium	<0.00024		0.100	0.104		mg/L		104	75 - 125
Chromium	<0.0037		0.100	0.0964		mg/L		96	75 - 125
Cobalt	0.0016	J	0.100	0.0963		mg/L		95	75 - 125
Copper	<0.00064		0.100	0.0935		mg/L		93	75 - 125
Lead	<0.00086		0.100	0.0965		mg/L		96	75 - 125
Magnesium	2.2		1.00	3.00		mg/L		83	75 - 125
Nickel	0.00076	J B	0.100	0.0944		mg/L		94	75 - 125
Potassium	0.27	B	1.00	1.22		mg/L		95	75 - 125
Selenium	<0.0023		0.100	0.0990		mg/L		99	75 - 125
Silver	<0.00017		0.0100	0.00988		mg/L		99	75 - 125
Sodium	5.1		1.00	5.81	4	mg/L		76	75 - 125
Thallium	0.00081	J	0.100	0.0911		mg/L		90	75 - 125
Vanadium	<0.0012		0.100	0.0982		mg/L		98	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38046-1 MS
Matrix: Water
Analysis Batch: 73109

Client Sample ID: SCH-GWA-15
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	<0.0089		0.100	0.0996		mg/L		100	75 - 125

Lab Sample ID: 705-38046-1 MSD
Matrix: Water
Analysis Batch: 73109

Client Sample ID: SCH-GWA-15
Prep Type: Total Recoverable
Prep Batch: 72359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.107		mg/L		107	75 - 125	3	20
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125	3	20
Barium	0.013		0.100	0.120		mg/L		106	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0983		mg/L		98	75 - 125	2	20
Cadmium	<0.00024		0.100	0.100		mg/L		100	75 - 125	4	20
Chromium	<0.0037		0.100	0.0994		mg/L		99	75 - 125	3	20
Cobalt	0.0016	J	0.100	0.101		mg/L		99	75 - 125	4	20
Copper	<0.00064		0.100	0.0988		mg/L		99	75 - 125	6	20
Lead	<0.00086		0.100	0.102		mg/L		102	75 - 125	6	20
Magnesium	2.2		1.00	3.15		mg/L		98	75 - 125	5	20
Nickel	0.00076	J B	0.100	0.0991		mg/L		98	75 - 125	5	20
Potassium	0.27	B	1.00	1.26		mg/L		98	75 - 125	3	20
Selenium	<0.0023		0.100	0.102		mg/L		102	75 - 125	3	20
Silver	<0.00017		0.0100	0.0104		mg/L		104	75 - 125	5	20
Sodium	5.1		1.00	6.19	4	mg/L		113	75 - 125	6	20
Thallium	0.00081	J	0.100	0.0973		mg/L		97	75 - 125	7	20
Vanadium	<0.0012		0.100	0.101		mg/L		101	75 - 125	3	20
Zinc	<0.0089		0.100	0.0980		mg/L		98	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-73909/1-A
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 14:00	1

Lab Sample ID: LCS 705-73909/2-A
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00543		mg/L		109	80 - 120

Lab Sample ID: 705-38045-B-1-D MS
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00500	0.00549		mg/L		110	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-38045-B-1-E MSD
Matrix: Water
Analysis Batch: 74044

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00500	0.00541		mg/L		108	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-72366/1
Matrix: Water
Analysis Batch: 72366

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	125		mg/L		100	90 - 110
Bicarbonate Alkalinity as CaCO3	125	125		mg/L		100	90 - 110

Lab Sample ID: 705-38046-1 DU
Matrix: Water
Analysis Batch: 72366

Client Sample ID: SCH-GWA-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	21		21.5		mg/L		3	30
Bicarbonate Alkalinity as CaCO3	21		21.5		mg/L		3	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71310/1
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/30/25 12:45	1

Lab Sample ID: LCS 705-71310/2
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1030		mg/L		103	80 - 120

Lab Sample ID: 705-38041-C-8 DU
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1300		1320		mg/L		0.5	10

Lab Sample ID: MB 705-71316/1
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/30/25 14:45	1

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCS 705-71316/2
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	956		mg/L		96	80 - 120		

Lab Sample ID: 705-38077-B-1 DU
Matrix: Water
Analysis Batch: 71316

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1300			1270		mg/L				3	10

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Scherer - Cell 1

Job ID: 705-38046-1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 8/30/2025 3:21:47 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Ash Pond

JOB NUMBER

705-38041-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Revision 1

Authorized for release by
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Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-38041-1	SCH-SGWA-2	Water	07/24/25 10:20	07/25/25 15:32	Georgia
705-38041-2	SCH-SGWA-1	Water	07/24/25 10:36	07/25/25 15:32	Georgia
705-38041-3	SCH-SGWA-4	Water	07/24/25 12:12	07/25/25 15:32	Georgia
705-38041-4	SCH-SGWC-19	Water	07/24/25 12:40	07/25/25 15:32	Georgia
705-38041-5	SCH-SGWC-20	Water	07/24/25 14:45	07/25/25 15:32	Georgia
705-38041-6	SCH-SGWA-3	Water	07/24/25 14:11	07/25/25 15:32	Georgia
705-38041-7	SCH-AP1-FD-1	Water	07/24/25 00:00	07/25/25 15:32	Georgia
705-38041-8	SCH-SGWC-18	Water	07/25/25 10:41	07/25/25 15:32	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

eurofins

Client Information	Sampler: Jake Stucky	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Phone: 559-270-8158	E-Mail: David.Fuller@ET.EurofinsUS.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: 70504534 (DO NOT REMOVE)			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0003 / PO Line #1			
Project Name: CCR - Plant Scherer Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals (Boron, Calcium) + Lithium	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn	6020B - App IV Metals (Sb, As, Ba, Be, Cd, Cr, Co, Pb, Mo, Se, Tl) + Mg, Na, K, Mn, Fe	7470A - App IV Mercury		9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Total Alkalinity			Total Number of containers
			Preservation Code:				N	N	D	D	D	D		D	D	D	N			
SCH-SGWA-2	7/24/25	10:20	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWA-1	7/24/25	10:36	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWA-4	7/24/25	12:12	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWC-19	7/24/25	12:40	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWC-20	7/24/25	14:45	G	WG			X	X	X		X	X		X	X	X	X			5
SCH-SGWA-3	7/24/25	14:11	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-AP1-FD-1	7/24/25	-	G	WG			X	X	X	X		X		X	X	X	X			5
SCH-SGWA-18	7/25/25	10:41	G	WG			X	X	X	X		X		X	X	X	X			5

Preservation Codes:
D - HNO3
N - N...

705-38041 COC

Other:

Task_Code: SCH-CCR-ASSMT-2025S2

Special Instructions/Notes:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) Level II, Data ...

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	7/25/25 1304	SP	Yolanda Lucas	7/25/25	CWW
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 07/25/25 1532	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2/1.2 1.6/1.6

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-38041-1

Login Number: 38041
List Number: 1
Creator: Hartley, Tyler

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 705-38041-1 Eurofins Atlanta

Job Narrative
705-38041-1

Revision 1
The report being provided is a revision of the original report sent on 8/15/2025. The report is being revised in order to document changes requested by WSP during login review of this submittal.

Project Manager Comments
Per request by WSP during login review, Client Sample ID, SCH-SGWA-18, should be renamed as SCH-SGWC-18 and also Iron should be added to the metals reporting list.

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 7/25/2025 3:32 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 1.6°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-72342 and analytical batch 705-72752 contained Potassium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following sample due to the nature of the sample matrix resulting in elevated reporting limits: SCH-SGWC-18 (705-38041-8),

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWA-2 — Lab Sample ID: 705-38041-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.5		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.041		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.016		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	7.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0012	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.1	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00052	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	66		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	66		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWA-1 — Lab Sample ID: 705-38041-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.4		1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	1.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	2.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.051		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00025	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Chromium	0.0043	J	0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	1.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.035		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0014	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.0	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	3.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	13		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	13		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	71		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWA-4 — Lab Sample ID: 705-38041-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.1		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	20		0.10	0.038	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-SGWA-4 (Continued) — Lab Sample ID: 705-38041-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.077		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.0054		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	8.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.8	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-19 — Lab Sample ID: 705-38041-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.082	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	290		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.9		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	39		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.023		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00018	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Chromium	0.016		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	24		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.042		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.2	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	57		1.0	0.49	mg/L	2		6020B	Total Recoverable
Total Alkalinity as CaCO3	7.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	7.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	580		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-20 — Lab Sample ID: 705-38041-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.20		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	270		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.5		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	19		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.021		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00055	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.10		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	21		0.10	0.016	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWC-20 (Continued) — Lab Sample ID: 705-38041-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	1.6		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	4.7	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	68		1.0	0.49	mg/L	2		6020B	Total Recoverable
Total Dissolved Solids	420		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWA-3 — Lab Sample ID: 705-38041-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	5.9		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.039		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.028		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.3	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	42		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	42		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	100		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-AP1-FD-1 — Lab Sample ID: 705-38041-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.095	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.93	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	5.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.041		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.028		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Magnesium	6.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.4	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.2		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	41		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	41		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	86		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: SCH-SGWC-18 — Lab Sample ID: 705-38041-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	870		20	15	mg/L	20		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: SCH-SGWC-18 (Continued)

Lab Sample ID: 705-38041-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	5.1		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	34		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0047	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.011		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00018	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.00072		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Chromium	0.011		0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Cobalt	0.087		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.18		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	22		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.70		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	3.5	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0050		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	330		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Dissolved Solids	1300		20	20	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 705-38041-1
Date Collected: 07/24/25 10:20
Matrix: Water
Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.8**		1.0	0.98	mg/L			07/30/25 17:13	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			07/30/25 17:13	1
Sulfate	**1.5**		1.0	0.77	mg/L			07/30/25 17:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 16:35	1
Calcium	**12**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 16:35	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:39	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 19:21	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:21	1
Barium	**0.041**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 19:21	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 19:21	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 19:21	1
Chromium	**0.016**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 19:21	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 19:21	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 19:21	1
Magnesium	**7.8**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 19:21	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:21	1
Molybdenum	**0.0012**	**J**	0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 19:21	1
Potassium	**1.1**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 19:21	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 19:21	1
Sodium	**5.5**		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 19:21	1
Thallium	**0.00052**	**J**	0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 19:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 12:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**66**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**66**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 705-38041-2
Date Collected: 07/24/25 10:36
Matrix: Water
Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.4**		1.0	0.98	mg/L			07/30/25 17:25	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 17:25	1
Sulfate	**1.3**		1.0	0.77	mg/L			07/30/25 17:25	1

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 705-38041-2

Date Collected: 07/24/25 10:36

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 16:15	1
Calcium	**2.4**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 16:15	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:29	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 19:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:38	1
Barium	**0.051**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 19:38	1
Beryllium	**0.00025**	**J**	0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 19:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 19:38	1
Chromium	**0.0043**	**J**	0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 19:38	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 19:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 19:38	1
Magnesium	**1.2**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 19:38	1
Manganese	**0.035**		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:38	1
Molybdenum	**0.0014**	**J**	0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 19:38	1
Potassium	**1.0**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 19:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 19:38	1
Sodium	**3.9**		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 19:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 19:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**13**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**13**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**71**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 705-38041-3

Date Collected: 07/24/25 12:12

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**		1.0	0.98	mg/L			07/30/25 17:36	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			07/30/25 17:36	1
Sulfate	**1.1**		1.0	0.77	mg/L			07/30/25 17:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 16:38	1
Calcium	**20**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 16:38	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:41	1

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 705-38041-3

Date Collected: 07/24/25 12:12

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:01	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:01	1
Barium	**0.077**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:01	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:01	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:01	1
Chromium	**0.0054**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:01	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:01	1
Magnesium	**8.3**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:01	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:01	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:01	1
Potassium	**1.8**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:01	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:01	1
Sodium	**8.9**		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 20:01	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**210**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 705-38041-4

Date Collected: 07/24/25 12:40

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		1.0	0.98	mg/L			07/30/25 17:47	1
Fluoride	**0.082**	**J**	0.20	0.081	mg/L			07/30/25 17:47	1
Sulfate	**290**		10	7.7	mg/L			07/30/25 19:07	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.9**		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 16:47	1
Calcium	**39**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 16:47	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:43	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:05	1
Barium	**0.023**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:05	1

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 705-38041-4

Date Collected: 07/24/25 12:40

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.00018**	**J**	0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:05	1
Chromium	**0.016**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:05	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:05	1
Magnesium	**24**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:05	1
Manganese	**0.042**		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:05	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:05	1
Potassium	**2.2**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:05	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:05	1
Sodium	**57**		1.0	0.49	mg/L		08/04/25 16:00	08/14/25 15:30	2
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**7.4**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**7.4**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**580**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 705-38041-5

Date Collected: 07/24/25 14:45

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.0**		1.0	0.98	mg/L			07/30/25 18:33	1
Fluoride	**0.20**		0.20	0.081	mg/L			07/30/25 18:33	1
Sulfate	**270**		10	7.7	mg/L			07/31/25 12:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.5**		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 18:59	1
Calcium	**19**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 18:59	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:26	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:08	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:08	1
Barium	**0.021**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:08	1
Beryllium	**0.00055**	**J**	0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:08	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:08	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:08	1

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 705-38041-5

Date Collected: 07/24/25 14:45

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.10**		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:08	1
Iron	<0.018		0.10	0.018	mg/L		08/04/25 16:00	08/05/25 20:08	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:08	1
Magnesium	**21**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:08	1
Manganese	**1.6**		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:08	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:08	1
Potassium	**4.7**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:08	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:08	1
Sodium	**68**		1.0	0.49	mg/L		08/04/25 16:00	08/14/25 15:33	2
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**420**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 705-38041-6

Date Collected: 07/24/25 14:11

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.8**		1.0	0.98	mg/L			07/30/25 18:44	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			07/30/25 18:44	1
Sulfate	**1.3**		1.0	0.77	mg/L			07/30/25 18:44	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 19:02	1
Calcium	**5.9**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 19:02	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:28	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:11	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:11	1
Barium	**0.039**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:11	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:11	1
Chromium	**0.028**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:11	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:11	1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 705-38041-6

Date Collected: 07/24/25 14:11

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**6.5**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:11	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:11	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:11	1
Potassium	**1.3**	**B**	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:11	1
Sodium	**4.2**		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 20:11	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**42**		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**42**		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**100**		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 705-38041-7

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.2**		1.0	0.98	mg/L			07/30/25 21:59	1
Fluoride	**0.095**	**J**	0.20	0.081	mg/L			07/30/25 21:59	1
Sulfate	**0.93**	**J**	1.0	0.77	mg/L			07/30/25 21:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 19:05	1
Calcium	**5.8**		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 19:05	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:30	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:15	1
Barium	**0.041**		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:15	1
Chromium	**0.028**		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:15	1
Magnesium	**6.1**		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:15	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:15	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:15	1

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 705-38041-7

Date Collected: 07/24/25 00:00

Matrix: Water

Date Received: 07/25/25 15:32

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	1.4	B	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:15	1
Sodium	4.2		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 20:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	41		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	41		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	86		10	10	mg/L			07/30/25 12:45	1

Client Sample ID: SCH-SGWC-18

Lab Sample ID: 705-38041-8

Date Collected: 07/25/25 10:41

Matrix: Water

Date Received: 07/25/25 15:32

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.2		1.0	0.98	mg/L			07/30/25 22:10	1
Fluoride	0.13	J	0.20	0.081	mg/L			07/30/25 22:10	1
Sulfate	870		20	15	mg/L			07/31/25 13:04	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	5.1		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 19:08	1
Calcium	34		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 19:08	1
Lithium	0.0047	J	0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 11:32	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 20:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:18	1
Barium	0.011		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 20:18	1
Beryllium	0.00018	J	0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 20:18	1
Cadmium	0.00072		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 20:18	1
Chromium	0.011		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 20:18	1
Cobalt	0.087		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 20:18	1
Iron	0.18		0.10	0.018	mg/L		08/04/25 16:00	08/05/25 20:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 20:18	1
Magnesium	22		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 20:18	1
Manganese	0.70		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 20:18	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 20:18	1
Potassium	3.5	B	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 20:18	1
Selenium	0.0050		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 20:18	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWC-18
Date Collected: 07/25/25 10:41
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-8
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**330**		5.0	2.5	mg/L		08/04/25 16:00	08/14/25 15:52	10
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 20:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 13:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			08/01/25 13:05	1
Total Dissolved Solids (SM 2540C - 2015)	**1300**		20	20	mg/L			07/30/25 12:45	1

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWA-2

Lab Sample ID: 705-38041-1
Matrix: Water
Date Collected: 07/24/25 10:20
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 17:13
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 16:35
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:39
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 19:21
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 12:46
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWA-1

Lab Sample ID: 705-38041-2
Matrix: Water
Date Collected: 07/24/25 10:36
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 17:25
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 16:15
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:29
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 19:38
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 12:50
Total/NA	Analysis	2320B-2011		1	71939	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 705-38041-3
Matrix: Water
Date Collected: 07/24/25 12:12
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 17:36
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 16:38
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:41
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:01
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:02
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWA-4

Lab Sample ID: 705-38041-3

Date Collected: 07/24/25 12:12

Matrix: Water

Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWC-19

Lab Sample ID: 705-38041-4

Date Collected: 07/24/25 12:40

Matrix: Water

Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 17:47
Total/NA	Analysis	300.0		10	71283	MS	EET ATL	07/30/25 19:07
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73071	DS	EET ATL	08/06/25 16:47
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73080	DS	EET ATL	08/07/25 07:43
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:05
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		2	75029	IF	EET ATL	08/14/25 15:30
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:05
Total/NA	Analysis	2320B-2011		1	71939	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWC-20

Lab Sample ID: 705-38041-5

Date Collected: 07/24/25 14:45

Matrix: Water

Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 18:33
Total/NA	Analysis	300.0		10	71583	MS	EET ATL	07/31/25 12:53
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 18:59
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:26
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:08
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		2	75029	IF	EET ATL	08/14/25 15:33
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:09
Total/NA	Analysis	2320B-2011		1	71939	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWA-3

Lab Sample ID: 705-38041-6

Date Collected: 07/24/25 14:11
Matrix: Water
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 18:44
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 19:02
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:28
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:11
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:13
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-AP1-FD-1

Lab Sample ID: 705-38041-7

Date Collected: 07/24/25 00:00
Matrix: Water
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 21:59
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 19:05
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:30
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:15
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:17
Total/NA	Analysis	2320B-2011		1	71936	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Client Sample ID: SCH-SGWC-18

Lab Sample ID: 705-38041-8

Date Collected: 07/25/25 10:41
Matrix: Water
Date Received: 07/25/25 15:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	71283	MS	EET ATL	07/30/25 22:10
Total/NA	Analysis	300.0		20	71583	MS	EET ATL	07/31/25 13:04
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73073	DS	EET ATL	08/06/25 19:08
Total/NA	Prep	3010A			72767	EF	EET ATL	08/06/25 09:40
Total/NA	Analysis	6010D		1	73510	DS	EET ATL	08/07/25 11:32
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		1	72752	MD	EET ATL	08/05/25 20:18
Total Recoverable	Prep	3005A			72342	BR	EET ATL	08/04/25 16:00
Total Recoverable	Analysis	6020B		10	75029	IF	EET ATL	08/14/25 15:52

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Client Sample ID: SCH-SGWC-18

Date Collected: 07/25/25 10:41
Date Received: 07/25/25 15:32

Lab Sample ID: 705-38041-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			73904	GR	EET ATL	08/11/25 08:57
Total/NA	Analysis	7470A		1	74022	GR	EET ATL	08/11/25 13:21
Total/NA	Analysis	2320B-2011		1	71939	AH	EET ATL	08/01/25 13:05
Total/NA	Analysis	2540C - 2015		1	71310	NN	EET ATL	07/30/25 12:45

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-71283/1002
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 12:14	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 12:14	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 12:14	1

Lab Sample ID: MB 705-71283/141
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/30/25 19:19	1
Fluoride	<0.081		0.20	0.081	mg/L			07/30/25 19:19	1
Sulfate	<0.77		1.0	0.77	mg/L			07/30/25 19:19	1

Lab Sample ID: LCS 705-71283/1001
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.7		mg/L		107	90 - 110
Fluoride	5.00	5.26		mg/L		105	90 - 110
Sulfate	25.0	27.4		mg/L		110	90 - 110

Lab Sample ID: LCS 705-71283/142
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Fluoride	5.00	5.20		mg/L		104	90 - 110
Sulfate	25.0	26.5		mg/L		106	90 - 110

Lab Sample ID: 705-38046-C-6 MS
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	12.4		mg/L		101	90 - 110
Fluoride	0.11	J	5.00	5.28		mg/L		103	90 - 110
Sulfate	0.93	J	25.0	27.7		mg/L		107	90 - 110

Lab Sample ID: 705-38046-C-6 MSD
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	12.5		mg/L		101	90 - 110	0	20
Fluoride	0.11	J	5.00	5.39		mg/L		106	90 - 110	2	20
Sulfate	0.93	J	25.0	28.0		mg/L		108	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-38283-E-1 MS
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.2		10.0	15.2		mg/L		100	90 - 110
Fluoride	0.13	J	5.00	5.11		mg/L		100	90 - 110
Sulfate	3.8		25.0	30.2		mg/L		106	90 - 110

Lab Sample ID: 705-38283-E-1 MSD
Matrix: Water
Analysis Batch: 71283

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.2		10.0	15.1		mg/L		99	90 - 110	0	20
Fluoride	0.13	J	5.00	5.13		mg/L		100	90 - 110	0	20
Sulfate	3.8		25.0	29.4		mg/L		103	90 - 110	3	20

Lab Sample ID: MB 705-71583/3
Matrix: Water
Analysis Batch: 71583

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			07/31/25 11:02	1
Fluoride	<0.081		0.20	0.081	mg/L			07/31/25 11:02	1
Sulfate	<0.77		1.0	0.77	mg/L			07/31/25 11:02	1

Lab Sample ID: LCS 705-71583/4
Matrix: Water
Analysis Batch: 71583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	5.00	4.86		mg/L		97	90 - 110
Sulfate	25.0	26.3		mg/L		105	90 - 110

Lab Sample ID: 705-38347-A-1 MS
Matrix: Water
Analysis Batch: 71583

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	12.1		mg/L		98	90 - 110
Fluoride	0.089	J	5.00	4.62		mg/L		91	90 - 110
Sulfate	1.1		25.0	26.1		mg/L		100	90 - 110

Lab Sample ID: 705-38347-A-1 MSD
Matrix: Water
Analysis Batch: 71583

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	12.7		mg/L		103	90 - 110	5	20
Fluoride	0.089	J	5.00	4.87		mg/L		96	90 - 110	5	20
Sulfate	1.1		25.0	26.6		mg/L		102	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-72767/1-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/06/25 09:40	08/06/25 15:48	1
Calcium	<0.038		0.10	0.038	mg/L		08/06/25 09:40	08/06/25 15:48	1

Lab Sample ID: MB 705-72767/1-A
Matrix: Water
Analysis Batch: 73080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 72767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/06/25 09:40	08/07/25 07:22	1

Lab Sample ID: LCS 705-72767/2-A
Matrix: Water
Analysis Batch: 73071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72767

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	1.00		mg/L		100	80 - 120		
Calcium			10.0	10.2		mg/L		102	80 - 120		

Lab Sample ID: LCS 705-72767/2-A
Matrix: Water
Analysis Batch: 73080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 72767

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium			1.00	1.07		mg/L		107	80 - 120		

Lab Sample ID: 705-38041-2 MS
Matrix: Water
Analysis Batch: 73071

Client Sample ID: SCH-SGWA-1
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	<0.026		1.00	1.01		mg/L		101	75 - 125		
Calcium	2.4		10.0	12.7		mg/L		103	75 - 125		

Lab Sample ID: 705-38041-2 MS
Matrix: Water
Analysis Batch: 73080

Client Sample ID: SCH-SGWA-1
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium	<0.0037		1.00	1.10		mg/L		110	75 - 125		

Lab Sample ID: 705-38041-2 MSD
Matrix: Water
Analysis Batch: 73071

Client Sample ID: SCH-SGWA-1
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.998		mg/L		100	75 - 125	1	20
Calcium	2.4		10.0	12.5		mg/L		101	75 - 125	2	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-38041-2 MSD
Matrix: Water
Analysis Batch: 73080

Client Sample ID: SCH-SGWA-1
Prep Type: Total/NA
Prep Batch: 72767

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.09		mg/L		109	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-72342/1-A
Matrix: Water
Analysis Batch: 72752

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 72342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/04/25 16:00	08/05/25 19:14	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:14	1
Barium	<0.00041		0.010	0.00041	mg/L		08/04/25 16:00	08/05/25 19:14	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/04/25 16:00	08/05/25 19:14	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/04/25 16:00	08/05/25 19:14	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/04/25 16:00	08/05/25 19:14	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/04/25 16:00	08/05/25 19:14	1
Iron	<0.018		0.10	0.018	mg/L		08/04/25 16:00	08/05/25 19:14	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/04/25 16:00	08/05/25 19:14	1
Magnesium	<0.016		0.10	0.016	mg/L		08/04/25 16:00	08/05/25 19:14	1
Manganese	<0.0013		0.0050	0.0013	mg/L		08/04/25 16:00	08/05/25 19:14	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/04/25 16:00	08/05/25 19:14	1
Potassium	0.0442	J	0.10	0.044	mg/L		08/04/25 16:00	08/05/25 19:14	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/04/25 16:00	08/05/25 19:14	1
Sodium	<0.25		0.50	0.25	mg/L		08/04/25 16:00	08/05/25 19:14	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/04/25 16:00	08/05/25 19:14	1

Lab Sample ID: LCS 705-72342/2-A
Matrix: Water
Analysis Batch: 72752

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 72342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0994		mg/L		99	80 - 120
Arsenic	0.100	0.107		mg/L		107	80 - 120
Barium	0.100	0.0981		mg/L		98	80 - 120
Beryllium	0.100	0.0993		mg/L		99	80 - 120
Cadmium	0.100	0.103		mg/L		103	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.100	0.112		mg/L		112	80 - 120
Iron	1.00	1.09		mg/L		109	80 - 120
Lead	0.100	0.0985		mg/L		98	80 - 120
Magnesium	1.00	1.13		mg/L		113	80 - 120
Manganese	0.100	0.106		mg/L		106	80 - 120
Molybdenum	0.100	0.0973		mg/L		97	80 - 120
Potassium	1.00	1.13		mg/L		113	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Sodium	1.00	1.14		mg/L		114	80 - 120
Thallium	0.100	0.0915		mg/L		91	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 705-38041-1 MS
Matrix: Water
Analysis Batch: 72752

Client Sample ID: SCH-SGWA-2
Prep Type: Total Recoverable
Prep Batch: 72342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125
Arsenic	<0.0013		0.100	0.106		mg/L		106	75 - 125
Barium	0.041		0.100	0.140		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.101		mg/L		101	75 - 125
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125
Chromium	0.016		0.100	0.128		mg/L		111	75 - 125
Cobalt	<0.00041		0.100	0.113		mg/L		113	75 - 125
Iron	<0.018		1.00	1.11		mg/L		111	75 - 125
Lead	<0.00086		0.100	0.0991		mg/L		99	75 - 125
Magnesium	7.8		1.00	8.90	4	mg/L		115	75 - 125
Manganese	<0.0013		0.100	0.107		mg/L		107	75 - 125
Molybdenum	0.0012	J	0.100	0.0951		mg/L		94	75 - 125
Potassium	1.1	B	1.00	2.19		mg/L		106	75 - 125
Selenium	<0.0023		0.100	0.103		mg/L		103	75 - 125
Sodium	5.5		1.00	6.46	4	mg/L		94	75 - 125
Thallium	0.00052	J	0.100	0.0939		mg/L		93	75 - 125

Lab Sample ID: 705-38041-1 MSD
Matrix: Water
Analysis Batch: 72752

Client Sample ID: SCH-SGWA-2
Prep Type: Total Recoverable
Prep Batch: 72342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125	1	20
Arsenic	<0.0013		0.100	0.105		mg/L		105	75 - 125	1	20
Barium	0.041		0.100	0.144		mg/L		103	75 - 125	3	20
Beryllium	<0.00015		0.100	0.0984		mg/L		98	75 - 125	3	20
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125	0	20
Chromium	0.016		0.100	0.127		mg/L		111	75 - 125	0	20
Cobalt	<0.00041		0.100	0.115		mg/L		115	75 - 125	2	20
Iron	<0.018		1.00	1.07		mg/L		107	75 - 125	4	20
Lead	<0.00086		0.100	0.0998		mg/L		100	75 - 125	1	20
Magnesium	7.8		1.00	8.95	4	mg/L		119	75 - 125	0	20
Manganese	<0.0013		0.100	0.106		mg/L		106	75 - 125	0	20
Molybdenum	0.0012	J	0.100	0.0957		mg/L		95	75 - 125	1	20
Potassium	1.1	B	1.00	2.17		mg/L		104	75 - 125	1	20
Selenium	<0.0023		0.100	0.105		mg/L		105	75 - 125	2	20
Sodium	5.5		1.00	6.47	4	mg/L		96	75 - 125	0	20
Thallium	0.00052	J	0.100	0.0944		mg/L		94	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-73904/1-A
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/11/25 08:57	08/11/25 12:15	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-73904/2-A
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00551		mg/L		110	80 - 120

Lab Sample ID: 705-38021-C-1-E MS
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 73904

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00500	0.00549		mg/L		110	75 - 125

Lab Sample ID: 705-38021-C-1-F MSD
Matrix: Water
Analysis Batch: 74022

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 73904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00500	0.00554		mg/L		111	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-71936/1
Matrix: Water
Analysis Batch: 71936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	124		mg/L		99	90 - 110
Bicarbonate Alkalinity as CaCO3	125	124		mg/L		99	90 - 110

Lab Sample ID: 705-38041-1 DU
Matrix: Water
Analysis Batch: 71936

Client Sample ID: SCH-SGWA-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	66		65.8		mg/L		0.1	30
Bicarbonate Alkalinity as CaCO3	66		65.8		mg/L		0.1	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 705-71310/1
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			07/30/25 12:45	1

Lab Sample ID: LCS 705-71310/2
Matrix: Water
Analysis Batch: 71310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1030		mg/L		103	80 - 120

Client: Southern Company
Project/Site: CCR - Plant Scherer Ash Pond

Job ID: 705-38041-1

Method: 2540C - 2015 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: 705-38041-8 DU
Matrix: Water
Analysis Batch: 71310

Client Sample ID: SCH-SGWC-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1300			1320		mg/L				0.5	10

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-38041-1
Project/Site: CCR - Plant Scherer Ash Pond

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26
Georgia	State	E87582	06-30-26

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